

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$313,857

Cost to Date : \$743,677

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$743,677

Report Information

Report # : 2

Report Date : 4/21/2018

Operations

Event Objective : Spudder Rig

Event Sub Type : Drilling Surf

A.M. Ops : 00:00-06:00 RDRT

Ops Forecast : RD & move to the UL 20 Stripes 38-47 #606H

24hr. Summary : NU the BOP. PU bit #2 on BHA #2 & TIH. Reached the TD of 5,004' in the 12 1/4" hole @ 12:00 p.m. 4/17/2018. C&C the hole for 2 hours then TOO H w/ no problems. RU & ran 112 joints of 10 3/4" HC L-80 BTC 45.50# casing and a total of 30 centralizers. C&C the hole for 1 hour while rigging up O-Tex Pumping, LLC then cemented the casing. Landed the plug @ 9:00 a.m. 4/18/2018. (Circulated 154 sacks of cement to surface) ND, set slips, cut-off the casing then Installed the "B" & "C" section spools under Sweco's supervision. Installed the 10 3/4" pack-off. (Tested good to 1,500 psi) RD & move to the UL 20 Stripes 38-47 #606H.

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 11

Progress : 4588.00 ft

MD at Report Time : 5004.00 ft

Rig on Location (days) : 2

Est. TD : 0.00 ft

TVD At Report Time : 0.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 24.00

Total Drilling Hours : 48.00

Total Hours : 24.00

Time Code :

Drilling % : 100.00

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	00:00	24.00	DRLSUR	02A	DRILLING - ROTARY - VERTICAL	No	2	1	5004.00	NU the BOP. PU bit # 2 on BHA # 2 & TIH. Reached the TD of 5, 004' in the 12 1/4" hole @ 12: 00 p. m. 4/ 17/ 2018. C& C the hole for 2 hours then TOO H w/ no problems. RU & ran 112 joints of 10 3/ 4" HC L- 80 BTC 45. 50# casing and a total of 30 centralizers. C&C the hole for 1 hour while rigging up O- Tex Pumping, LLC then cemented the casing. Landed the plug @ 9: 00 a. m. 4/ 18/ 2018. (Circulated 154 sacks of cement to surface) ND, set slips, cut- off the casing then Installed the " B" & " C" section spools under Sweco' s supervision. Installed the 10 3/ 4" pack- off. (Tested good to 1, 500 psi) RD & move to the UL 20 Stripes 38- 47 #606H.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
GENESIS WELL SITE CONSULTING LP	MICHAEL COX	1	24.00	24.00

Rig Information

KB Elevation: 2768.00 ft

KB To GL: 0.00 ft

Rig(s) for today :

Rig Manager :

Rig Phone :

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

Last BOP Pressure : 0.000 psi

Last Lot Fit : 0.00

Last Csg Date :

Last Csg Pressure : 0.000 psi

Last Spills Reported :

Last BOP Drill Date :

Last Test MW : 0.00

Last Accidents :

Last Fire Drill :

Last Test TVD : 0.00 ft

Last Safety Meeting :

Last Evac Drill :

Last Test Pressure : 0.000 psi

Last Safety Meeting Topic :

Contacts

Day Sup. : MICHAEL COX

Phone :

Superintendent : SANTOS MOROLES

Phone : 432-559-4901

Night Sup. :

Phone :

Geologist :

Phone :

Alt. Phone : 432-661-8729

Drill. Eng. : BRANNON SMITH

Phone : 432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	2	Report Date :	4/21/2018
------------	---	---------------	-----------

Operations

Event Objective :	Spudder Rig
Event Sub Type :	Drilling Surf

Mud Data

Mud Engineer :		Mud Type :	Brine	Polymer Type :	
----------------	--	------------	-------	----------------	--

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:31	5004.0	10.10000	38.00	0	0.00	0.0	0	0.0	0	0	0.0

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
1	1	17.50	Ultrerra	U616		0.00	0.00	0.00	416.00	24.00	17.33	0.00	416.00	20.000	61.075	82.23	20.43
2	1	12.25	Ultrerra	CF716		4588.0	24.00	191.17	4588.00	24.00	191.17	416.00	5004.00	28.000	273.439	173.99	104.5

BHA Data

For Bit # :	1	Mud Motor :	Total Made :	0	ft								
Total BHA Hours :	48.0		Total Hours :	0.00									
BHA # :	01	DC OD :	0.000	in	DP OD :	0.000	in	BHA Length :	0.00	ft	BHA Weight :	0.00	M Lbs

Item	Jts	Length (ft)	OD (in)	ID (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
------	-----	-------------	---------	---------	------------------	-----------------	-------------	---------

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
1	1	0.00	20.000	0	100	574	10000.00	2000.00	46	40	43	800.0	700.0	100.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
1	F- 1000	10.000	6.500	70	286.613	F- 1000	10.000	6.500	70	286.613	800.00	0	0
2	F- 1000	10.000	6.500	80	327.558	F- 1000	10.000	6.500	80	327.558	1000.00	0	0

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			

Report Information		Operations	
Report # :	2	Report Date :	4/21/2018
		Event Objective :	Spudder Rig
		Event Sub Type :	Drilling Surf

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data										
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg	
501.00	1.54	319.8	500.90	N	6.31	W	-6.49	0.99	0.04	
590.00	0.79	301.8	589.88	N	7.55	W	-7.78	1.16	0.92	
680.00	0.35	321.6	679.88	N	8.09	W	-8.48	1.16	0.52	
770.00	0.26	352.6	769.88	N	8.51	W	-8.68	1.37	0.20	
859.00	0.09	263.2	858.88	N	8.70	W	-8.77	1.46	0.31	
949.00	0.40	315.3	948.88	N	8.92	W	-9.06	1.45	0.38	
1034.00	0.31	284.5	1033.87	N	9.19	W	-9.50	1.40	0.24	
1128.00	0.70	309.2	1127.87	N	9.61	W	-10.19	1.31	0.46	
1218.00	0.48	262.6	1217.87	N	9.91	W	-10.99	1.05	0.55	
1307.00	0.62	298.7	1306.86	N	10.09	W	-11.78	0.71	0.40	
1397.00	0.92	317.4	1396.85	N	10.86	W	-12.69	0.75	0.42	
1486.00	1.32	304.9	1485.84	N	11.97	W	-14.02	0.81	0.51	
1576.00	1.10	322.7	1575.82	N	13.25	W	-15.39	0.98	0.47	
1666.00	1.45	325.6	1665.80	N	14.88	W	-16.56	1.54	0.38	
1755.00	1.19	304.4	1754.77	N	16.33	W	-17.96	1.82	0.61	
1845.00	1.49	332.5	1844.75	N	17.90	W	-19.27	2.25	0.78	
1934.00	1.89	338.1	1933.71	N	20.28	W	-20.35	3.47	0.48	
1979.00	1.58	346.1	1978.69	N	21.57	W	-20.78	4.22	0.86	
2024.00	1.01	19.7	2023.68	N	22.55	W	-20.79	4.98	2.03	
2113.00	1.41	19.8	2112.66	N	24.32	W	-20.16	6.77	0.44	
2203.00	1.54	25.6	2202.63	N	26.45	W	-19.26	9.00	0.22	
2293.00	1.89	44.5	2292.59	N	28.60	W	-17.70	11.66	0.72	
2383.00	1.14	28.1	2382.56	N	30.45	W	-16.24	14.01	0.94	
2472.00	1.58	11.1	2471.53	N	32.43	W	-15.58	15.98	0.66	
2562.00	1.05	27.1	2561.51	N	34.39	W	-14.97	17.90	0.70	
2651.00	1.49	29.7	2650.49	N	36.12	W	-14.02	19.84	0.49	
2741.00	2.20	39.6	2740.44	N	38.46	W	-12.34	22.73	0.85	
2830.00	2.29	35.1	2829.37	N	41.24	W	-10.23	26.21	0.23	
2920.00	1.67	39.1	2919.32	N	43.72	W	-8.37	29.32	0.70	
3010.00	1.45	58.5	3009.28	N	45.34	W	-6.57	31.70	0.62	
3099.00	1.67	62.8	3098.25	N	46.52	W	-4.46	33.93	0.28	
3189.00	0.70	86.7	3188.23	N	47.15	W	-2.75	35.48	1.17	
3279.00	1.23	70.5	3278.22	N	47.51	W	-1.29	36.66	0.65	
3368.00	0.97	75.6	3367.20	N	48.01	W	-0.34	38.06	0.31	
3458.00	1.05	78.6	3457.19	N	48.37	W	-1.89	39.29	0.11	
3547.00	1.01	70.0	3546.17	N	48.80	W	-3.43	40.58	0.18	
3637.00	1.36	73.9	3636.15	N	49.36	W	-5.20	42.11	0.39	
3726.00	1.92	78.2	3725.12	N	49.96	W	-7.67	44.11	0.63	
3832.00	2.20	77.9	3831.05	N	50.75	W	-11.40	47.02	0.26	
3906.00	2.40	77.6	3904.99	N	51.38	W	-14.30	49.31	0.27	
3995.00	2.33	98.4	3993.91	N	51.52	W	-17.91	51.63	0.94	
4040.00	1.89	110.2	4038.88	N	51.13	W	-19.51	52.31	1.35	
4085.00	1.63	139.8	4083.86	N	50.39	W	-20.62	52.41	2.04	
4174.00	0.66	158.1	4172.85	N	48.94	W	-21.63	51.89	1.13	

4264.00	0.57	179.7	4262.84	N	48.01	W	-21.83	51.28	0.27
4354.00	0.70	109.2	4352.84	N	47.39	W	-22.35	51.11	0.81
4443.00	1.49	99.4	4441.82	N	47.02	W	-24.00	51.84	0.90
4533.00	1.63	99.4	4531.79	N	46.62	W	-26.42	53.01	0.16
4622.00	1.23	104.3	4620.76	N	46.18	W	-28.60	53.99	0.46
4712.00	0.84	112.2	4710.74	N	45.69	W	-30.14	54.56	0.45
4802.00	1.32	86.2	4800.73	N	45.51	W	-31.79	55.43	0.74
4891.00	1.32	104.3	4889.70	N	45.32	W	-33.80	56.52	0.46
4950.00	1.30	104.2	4948.69	N	44.99	W	-35.11	57.07	0.03

Hook Loads

Up :

Down :

Rotating :

Torque :

Amps

Torque :

ft lbf

Comments

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Connection Gas :

Flare Length :

Trip Calc :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$7,579

Cost to Date : \$7,579

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$1,042,551

Report Information

Report # : 1

Report Date : 6/1/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : WAIT ON DAYLIGHT

Ops Forecast : FINISH RD. MOVE OFF LOCATION TO UL 20 STRIPES 38-47 605H

24hr. Summary : START MIRU

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 0

Progress : 0.00 ft

MD at Report Time : 0.00 ft

Rig on Location (days) : 1

Est. TD : 21614.60 ft

TVD At Report Time : 0.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00

Time Breakdown

Start Time : 13:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 0.00

Total Hours : 11.00

Time Code : RU/RD - M

Drilling % : 0.00

Rotating % : 0.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
13:00	00:00	11.00	MIRU	01A	RU/RD - MOBILIZATION	No			0.00	SAFETY MEETING W ISSACS TRUCKING AND CREWS. RIG DOWN MUD PUMPS AND MUD TANKS. LOAD OUT FRAC TANKS, MUD TANKS, BULK BIDS, PREMIX, SOLIDS CONTROL EQUIPMENT. RIG DOWN CHOKE MANIFOLD AND GAS SEPERATOR. LOAD OUT MUD PUMPS. RIG DOWN FLOOR AND FLOOR EQUIPMENT. REMOVE SERVICE LOOP FROM TOPDRIVE, RIG DOWN TOPDRIVE, LAY OUT TOPDRIVE , RIG DOWN AND LAY OVER CATWALK. LAYOVER DERRICK, DRESS OUT DERRICK AND HANG OFF BLOCKS. WAIT ON DAYLIGHT. 40 % RIGGED DOWN 40% MOVED 10% RIGGED UP

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	1	24.00	24.00
PHOENIX SERVICES LLC	MWD HANDS	1	24.00	24.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
NOV PROCESS & FLOW TECHNOLOGIES US, INC.	2- MAN CREW	2	24.00	48.00

Rig Information

KB Elevation: 2768.00 ft

KB To GL : 0.00 ft

Rig(s) for today :

Rig Manager : TRENT VAUGHT

Rig Phone : 432-200-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

Last BOP Pressure : 0.000 psi

Last Lot Fit : 0.00

Last Csg Date :

Last Csg Pressure : 0.000 psi

Last Spills Reported :

Last BOP Drill Date :

Last Test MW : 0.00

Last Accidents :

Last Fire Drill :

Last Test TVD : 0.00 ft

Last Safety Meeting : 6/1/2018 16:55

Last Evac Drill :

Last Test Pressure : 0.000 psi

Last Safety Meeting Topic : HEAT STRESS

Contacts

Day Sup. : NICK NEWLAND

Phone : 405-761-3414

Superintendent : SANTOS MOROLES

Phone : 432-559-4901

Night Sup. : JEREMY GRAY

Phone :

Geologist : ALBERT BONDURANT

Phone : 205.568.5467

Alt. Phone :

Drill. Eng. : BRANNON SMITH

Phone : 432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 1Report Date : 6/1/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Mud Data

Mud Engineer : CLAY RICH					Mud Type :				Polymer Type :			
Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	Cl (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
-------	-------	-----------	------	-------	-----------	--------------------	-------------	-------------------	------------------	----------	------------------	---------------	----------------	-----------------	----------------	------------------------	----------

BHA Data

For Bit # : <input type="text"/>		Mud Motor : Total Made : <input type="text"/> ft						
Total BHA Hours : <input type="text"/>		Total Hours : <input type="text"/>						
BHA # : <input type="text"/>	DC OD : <input type="text"/> in	DP OD : <input type="text"/> in	BHA Length : <input type="text"/> ft	BHA Weight <input type="text"/> M Lbs				
Item	Jts	Length (ft)	OD (in)	ID (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	1	Report Date :	6/1/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS. RIG ON DAYRATE @ XXXX HRS, 06/XX/2018 SPUD WELL @ 6-XX-2018 HRS (XX HR. RIG MOVE) RELEASED RIG OFF OF UL 20 STRIPES 38-47#605H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A NOTIFIED TRRC: INTERMENT-N/A NOTIFIED TRRC: RESUME DRLG OPERATIONS XXXX AM JOB# XXXX NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18, NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 898 (38.34 DAYS)</p> <p>RIVERBOAT 33-71 602H 11-27-17: INSPECT 370 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 368 JTS PREMIUM READY(1 JT CLASS 5 RED BAND (CRACKED) 1 JT CLASS 2 YELLOW BAND) 3 CONNECTIONS NEED SHOPPED. ALSO ALL PIPE NEEDS REHARDBANDING, WILL DO HALF OF STRING THIS WELL & THE OTHER ON NEXT WELL. (RECIEVED REPAIRED JOINTS FROM SHOP, REPLACED BAD JOINTS, TOTAL SCAN DP COUNT ON SPECTRE STATE 54-4 801H (372 PREMIUM JOINTS).</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 603 4/28/18 RED RIVER CLEAN AND VISUAL ON 702 JOINTS OF 4.5 CET 43 DP. 91 JOINTS REQUIRE REFACING. 77 BOXES & 16 PINS. 23 JOINT REQUIRE MACHINE SHOP REPAIR. 21 BOXES & 2 PINS. 2 JOINTS ARE BENT ON THE BOX SIDE TUBE. 116 JOINTS NEED TO BE SENT IN FOR REFACING OR MACHINE SHOP REPAIR TOTAL. CLAEN AND VISUAL ON 30 JOINTS OF 4.5 CET 43 HWDP. 3 JOINTS REQUIRE REFACING OF BOX CONNECTION</p> <p>DAYS SINCE LAST LTA: (1283 DAYS): LAST OSHA RECORDABLE INCIDENT: (520)</p> <p>CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0 CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0 NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): XX HRS. / XX HRS. RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – XXX HRS / XX HRS</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

20" CONDUCTER SET @ 145'
 13 3/8" SURFACE: SET @ 402'
 10 3/4" 1 INTERMEDIATE: SET @ XXXX'
 7 5/8" 2 INTERMEDIATE SET @ XXXXX
 5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
 OBM LOST BEHIND CASING: XX BBLS
 OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
 OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
 OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
 LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS :XX BBL// TOTAL XXXX-BBLS
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
 STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
 TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47#603H 0
 GALS OBM DIESEL, 400 GALS AUX. DIESEL

DIESEL USAGE:
 RIG FUEL (DAILY/TOTAL): XXX/ XXXXX GALS
 MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXGALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): XX/ XXXX GALS
 CERTARUS CNG (DAILY/ TOTAL) 0 MCF / XXXXXX TOTAL MCF

 ORIGINAL TARGET LINE - XXXXXX

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)

Mud Log

Formation :
 Background Gas : Connection Gas : Flare Length :
 Trip Calc :

Well Incident

Report # : Incident Date : Report Date :
 Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$28,678

Cost to Date : \$36,257

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$1,071,229

Report Information

Report # : 2

Report Date : 6/2/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : WAIT ON DAYLIGHT

Ops Forecast : WAIT ON DAYLIGHT CONTINUE R/U

24hr. Summary : FINISH RD ON UL 20 STRIPES 38-47 603H/ 100% MOVED. 50% RIGGED UP

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 0

Progress : 0.00 ft

MD at Report Time : 0.00 ft

Rig on Location (days) : 2

Est. TD : 21614.60 ft

TVD At Report Time : 0.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 0.00

Total Hours : 24.00

Time Code : RU/RD - M

Drilling % : 0.00

Rotating % : 0.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	06:00	6.00	MIRU	01A	RU/RD - MOBILIZATION	No			0.00	WAIT ON DAYLIGHT
06:00	18:00	12.00	MIRU	01A	RU/RD - MOBILIZATION	No			0.00	HELD SAFETY MEETING W/ SCAN CREWS AND ISAAC TRUCKING , REMOVED DERRICK FROM FLOOR, REMOVED FLOOR PLATES, RACKING BOARD, BACK PORCH, TRACTION MOTORS, DRAWWORKS, LOAD OUT THE SAME, BREAK DOWN CENTER STEEL AND SUB, HAUL TO NEW LOCATION, SET MATTS / STACKED SUBS/ PINNED ALL OF CENTER, STEEL, PUT DRAWWORKS ON FLOOR, INSTALL BACK PORCH AND TRACTION MOTORS, PREPARE DERRICK FOR LIFT, HOLD CRITICAL OPERATION SAFETY MEETING, SET PIPE CAT, PUT TOP DRIVE ON PIPE CAT, LIFT DERRICK TO FLOOR AND PINAND FESTOON, RIG UP THE SAME RUN WIRES AND AIR LINES IN SUB, RIG UP CHOKE MANIFOLD, GAS BUSTER AND SUPER FLOW, CAMP IN PLACE , 100% MOVED 50% RIGGED UP
18:00	00:00	6.00	MIRU	01A	RU/RD - MOBILIZATION	No			0.00	WAIT ON DAYLIGHT

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	2	24.00	48.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
NOV/PROCESS & FLOW TECHNOLOGIES US, INC.	2- MAN CREW	2	24.00	48.00

Rig Information

KB Elevation: 2768.00 ft

KB To GL: 0.00 ft

Rig(s) for today :

Rig Manager : TRENT VAUGHT

Rig Phone : 432-200-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

Last BOP Pressure : 0.000 psi

Last Lot Fit : 0.00

Last Csg Date :

Last Csg Pressure : 0.000 psi

Last Spills Reported :

Last BOP Drill Date :

Last Test MW : 0.00

Last Accidents :

Last Fire Drill :

Last Test TVD : 0.00 ft

Last Safety Meeting : 6/2/2018 13:47

Last Evac Drill :

Last Test Pressure : 0.000 psi

Last Safety Meeting Topic : HEAT STRESS AND USING TAIL RO

Contacts

Day Sup. : NICK NEWLAND

Phone : 405-761-3414

Superintendent : SANTOS MOROLES

Phone : 432-559-4901

Night Sup. : JEREMY GRAY

Phone :

Geologist : ALBERT BONDURANT

Phone : 205.568.5467

Alt. Phone :

Drill. Eng. : BRANNON SMITH

Phone : 432-818-1777

Attachments

Daily Attachment Folder(s)

--	--

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

2

Report Date :

6/2/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	Cl (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
-----	------	------------	-------------------	-----------	------------------	---------	----------------	----------	--------------------------	-----------	-----------	----------------------------

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
-------	-------	-----------	------	-------	-----------	--------------------	-------------	-------------------	------------------	----------	------------------	---------------	----------------	-----------------	----------------	------------------------	----------

BHA Data

For Bit # :

Mud Motor : Total Made :

0

ft

Total BHA Hours :

0.0

Total Hours :

0.00

BHA # :

DC OD :

0.000

in

DP OD :

0.000

in

BHA Length :

0.00

ft

BHA Weight

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	ID (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
------	-----	-------------	---------	---------	------------------	-----------------	-------------	---------

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	2	Report Date :	6/2/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ XXXX HRS, 06/XX/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(XX HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT-N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS XXXX AM JOB# XXXX</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 0 (0 DAYS)</p> <p>RIVERBOAT 33-71 602H 11-27-17: INSPECT 370 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 368 JTS PREMIUM READY(1 JT CLASS 5 RED BAND (CRACKED) 1 JT CLASS 2 YELLOW BAND) 3 CONNECTIONS NEED SHOPPED. ALSO ALL PIPE NEEDS REHARDBANDING, WILL DO HALF OF STRING THIS WELL & THE OTHER ON NEXT WELL. (RECIEVED REPAIRED JOINTS FROM SHOP, REPLACED BAD JOINTS, TOTAL SCAN DP COUNT ON SPECTRE STATE 54-4 801H (372 PREMIUM JOINTS).</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 603 4/28/18 RED RIVER CLEAN AND VISUAL ON 702 JOINTS OF 4.5 CET 43 DP. 91 JOINTS REQUIRE REFACING. 77 BOXES & 16 PINS. 23 JOINT REQUIRE MACHINE SHOP REPAIR. 21 BOXES & 2 PINS. 2 JOINTS ARE BENT ON THE BOX SIDE TUBE. 116 JOINTS NEED TO BE SENT IN FOR REFACING OR MACHINE SHOP REPAIR TOTAL. CLAEN AND VISUAL ON 30 JOINTS OF 4.5 CET 43 HWDP. 3 JOINTS REQUIRE REFACING OF BOX CONNECTION</p> <p>DAYS SINCE LAST LTA: (1284 DAYS): LAST OSHA RECORDABLE INCIDENT: (521)</p> <p>CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0</p> <p>CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0</p> <p>NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): XX HRS. / XX HRS.</p> <p>RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – XXX HRS / XX HRS</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

20" CONDUCTER SET @ 145'
 13 3/8" SURFACE: SET @ 416'
 10 3/4" 1 INTERMEDIATE: SET @ 5,002'
 7 5/8" 2 INTERMEDIATE SET @ XXXXX
 5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
 OBM LOST BEHIND CASING: XX BBLS
 OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
 OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
 OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
 LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS :XX BBL// TOTAL XXXX-BBLS
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
 STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
 TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
 RIG FUEL (DAILY/TOTAL): XXX/ XXXXX GALS
 MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXGALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): XX/ XXXX GALS
 CERTARUS CNG (DAILY/ TOTAL) 0 MCF / XXXXXX TOTAL MCF

 ORIGINAL TARGET LINE - XXXXXX

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)

Mud Log

Formation :
 Background Gas : Connection Gas : Flare Length :
 Trip Calc :

Well Incident

Report # : Incident Date : Report Date :
 Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$57,524

Cost to Date : \$93,781

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$1,128,753

Report Information

Report # : 3

Report Date : 6/3/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : CONTINUE RIGGING UP TOPDRIVE/ 90% RU

Ops Forecast : FINSHING PICKING UP TOPDRIVE/ CHANGE BURN SUB/ FUCTION EQUIPMENT/ ACCEPT RIG/ NIPPLE UP BOP'S/ TEST BOPS/ PICK UP BHA #1/ PICK UP DP TO DRILL OUT

24hr. Summary : WAIT ON DAYLIGHT/CONTINUE RU/ 90% RIGGED UP

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 0

Progress : 5002.00 ft

MD at Report Time : 5002.00 ft

Rig on Location (days) : 3

Est. TD : 21614.60 ft

TVD At Report Time : 0.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 0.00

Total Hours : 24.00

Time Code : RU/RD - RI

Drilling % : 0.00

Rotating % : 0.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	06:00	6.00	MIRU	01B	RU/RD - RIGUP	No			5002.00	WAIT ON DAYLIGHT
06:00	00:00	18.00	MIRU	01B	RU/RD - RIGUP	No			5002.00	HELD SAFETY MEETING W/ SCAN CREWS, FINISH RUNNING WIRES IN SUB, RAISE A - LEGS, PULL BLACK LINE IN DERRICK, PREPARE TO RAISE DERRICK, RIG UP KOOMY, UN HANG BLOCKS, RAISE DERRICK, RAISE CATWALK, HOOK UP PIPE CAT, RIG UP AIR HOIST, BRIDLE DOWN, HANG OFF BRIDLE LINE, INSTALL SERVICE LOOP IN DERRICK , INSTALL STAND JUMP BRACKET TO TOP DRIVE, MAKE UP STAND PIPE, HOOK UP ELECTRICAL WIRES, INSTALL IRON ROUGHNECK, TIE ON TO TOPDRIVE AND PREPARE TO RAISE TO FLOOR 90% RIGGED UP

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	2	24.00	48.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00

Rig Information

KB Elevation: 2768.00 ft

KB To GL : 0.00 ft

Rig(s) for today :

Rig Manager : TRENT VAUGHT

Rig Phone : 432-200-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

Last BOP Pressure : 0.000 psi

Last Lot Fit : 0.00

Last Csg Date :

Last Csg Pressure : 0.000 psi

Last Spills Reported :

Last BOP Drill Date :

Last Test MW : 0.00

Last Accidents :

Last Fire Drill :

Last Test TVD : 0.00 ft

Last Safety Meeting : 6/3/2018 08:16

Last Evac Drill :

Last Test Pressure : 0.000 psi

Last Safety Meeting Topic : TEAM WORK/STAYING HYDRATED

Contacts

Day Sup. : NICK NEWLAND

Phone : 405-761-3414

Superintendent : SANTOS MOROLES

Phone : 432-559-4901

Night Sup. : JEREMY GRAY

Phone :

Geologist : ALBERT BONDURANT

Phone : 205.568.5467

Alt. Phone :

Drill. Eng. : BRANNON SMITH

Phone : 432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 3 Report Date : 6/3/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

Mud Data

Mud Engineer : CLAY RICH Mud Type : Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	Cl (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
-----	------	------------	-------------------	-----------	------------------	---------	----------------	----------	--------------------------	-----------	-----------	----------------------------

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
-------	-------	-----------	------	-------	-----------	--------------------	-------------	-------------------	------------------	----------	------------------	---------------	----------------	-----------------	----------------	------------------------	----------

BHA Data

For Bit # : Mud Motor : Total Made : 0 ft

Total BHA Hours : 0.0 Total Hours : 0.00

BHA # : DC OD : 0.000 in DP OD : 0.000 in BHA Length : 0.00 ft BHA Weight 0.00 M Lbs

Item	Jts	Length (ft)	OD (in)	ID (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
------	-----	-------------	---------	---------	------------------	-----------------	-------------	---------

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	3	Report Date :	6/3/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ XXXX HRS, 06/XX/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(XX HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT-N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS XXXX AM JOB# XXXX</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 0 (0 DAYS)</p> <p>RIVERBOAT 33-71 602H 11-27-17: INSPECT 370 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 368 JTS PREMIUM READY(1 JT CLASS 5 RED BAND (CRACKED) 1 JT CLASS 2 YELLOW BAND) 3 CONNECTIONS NEED SHOPPED. ALSO ALL PIPE NEEDS REHARDBANDING, WILL DO HALF OF STRING THIS WELL & THE OTHER ON NEXT WELL. (RECIEVED REPAIRED JOINTS FROM SHOP, REPLACED BAD JOINTS, TOTAL SCAN DP COUNT ON SPECTRE STATE 54-4 801H (372 PREMIUM JOINTS).</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 603 4/28/18 RED RIVER CLEAN AND VISUAL ON 702 JOINTS OF 4.5 CET 43 DP. 91 JOINTS REQUIRE REFACING. 77 BOXES & 16 PINS. 23 JOINT REQUIRE MACHINE SHOP REPAIR. 21 BOXES & 2 PINS. 2 JOINTS ARE BENT ON THE BOX SIDE TUBE. 116 JOINTS NEED TO BE SENT IN FOR REFACING OR MACHINE SHOP REPAIR TOTAL. CLAEN AND VISUAL ON 30 JOINTS OF 4.5 CET 43 HWDP. 3 JOINTS REQUIRE REFACING OF BOX CONNECTION</p> <p>DAYS SINCE LAST LTA: (1285 DAYS): LAST OSHA RECORDABLE INCIDENT: (522)</p> <p>CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0</p> <p>CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0</p> <p>NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): XX HRS. / XX HRS.</p> <p>RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – XXX HRS / XX HRS</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

20" CONDUCTER SET @ 145'
 13 3/8" SURFACE: SET @ 416'
 10 3/4" 1 INTERMEDIATE: SET @ 5,002'
 7 5/8" 2 INTERMEDIATE SET @ XXXXX
 5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
 OBM LOST BEHIND CASING: XX BBLS
 OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
 OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
 OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
 LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS :XX BBL// TOTAL XXXX-BBLS
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
 STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
 TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
 RIG FUEL (DAILY/TOTAL): 673/ 673 GALS
 MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXGALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): XX/ XXXX GALS
 CERTARUS CNG (DAILY/ TOTAL) 0 MCF / XXXXXX TOTAL MCF

 ORIGINAL TARGET LINE - XXXXXX

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)

Mud Log

Formation :
 Background Gas : Connection Gas : Flare Length :
 Trip Calc :

Well Incident

Report # : Incident Date : Report Date :
 Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$51,562

Cost to Date : \$210,893

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$1,245,865

Report Information

Report # : 5

Report Date : 6/5/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : DRILL 9 7/8 INTERM 2 F/5778'- 6575' (797 @ 145 FPH), MW 9.7 PPG

Ops Forecast : DRILL 9 7/8 INTERM 2 TOWARDS KOP @ 11.083 +/-

24hr. Summary : FINISH PU BHA & DP. D/O SHOE TRACK @ 4957' -5002'/ DRILL 9 7/8" INTERM 2 F/5002' - T/ 5778' (776' @ 81.6' FPH) MW 9.7 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 0

Progress : 776.00 ft

MD at Report Time : 5778.00 ft

Rig on Location (days) : 5

Est. TD : 21614.60 ft

TVD At Report Time : 5549.50 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 9.50

Total Drilling Hours : 9.50

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 39.58

Rotating % : 84.21

Sliding % : 15.79

Start Time	End Time	Hours	Phase	Activity		NPT	Bit #	Run #	Depth (ft)	Remarks
				Time Code	Description					
00:00	03:00	3.00	MIRU	08I	TRIPPING - TRIPPING - OTHER	No	01	1	5002.00	PU 9- 8" DC'S & 30.5" HWDP
03:00	05:00	2.00	MIRU	39A	OTHER - OTHER	No	01	1	5002.00	LAY OUT & STRAP 5" DP
05:00	07:00	2.00	MIRU	08I	TRIPPING - TRIPPING - OTHER	No	01	1	5002.00	PU DP F/ 1270' - T/2475
07:00	07:30	0.50	MIRU	10A	LUB RIG - DAILY SERVICE	No	01	1	5002.00	SERVICE & LUBE TOP DRIVE
07:30	08:00	0.50	MIRU	08I	TRIPPING - TRIPPING - OTHER	No	01	1	5002.00	CONTINUE PU DP F/ 2475' - T/2664
08:00	08:30	0.50	MIRU	10A	LUB RIG - DAILY SERVICE	No	01	1	5002.00	SERVICE TOP DRIVE HYDRAULIC PUMP
08:30	10:30	2.00	MIRU	35V	TROUBLE - RIG FAILURE	Yes	01	1	5002.00	REPLACE HYDRAULIC PUMP ON TOP DRIVE
10:30	13:30	3.00	MIRU	08I	TRIPPING - TRIPPING - OTHER	No	01	1	5002.00	CONTINUE TIH F/ 2664' - T/4667
13:30	14:00	0.50	MIRU	39A	OTHER - OTHER	No	01	1	5002.00	INSTALL ROTATING HEAD
14:00	14:30	0.50	MIRU	08I	TRIPPING - TRIPPING - OTHER	No	01	1	5002.00	CONTINUE PU DP F/ 4667' - T/4913', TAGGED CEMENT
14:30	15:30	1.00	MIRU	02F	DRILLING - CMNT IN CASING/ SHOE	No	01	1	5002.00	DRILLED SOFT CMT F/ 4913' - T/ 4957' (FLOAT COLLAR), DRILLED FIRM CEMENT THROUGH SHOE TRACK TO SHOE @ 5002', DRLG NEW FORMATION
15:30	18:30	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	01	1	5245.00	ROT. DRILL 9. 875" INTM2: F/5002' - T/5245' (243' @ 81 FPH) WOB 12- 25K, RPM 30, GPM 550, MRPM 91, SPP 1200 PSI., DIFF 300 PSI., TQ. 5K, DRILLING THROUGH RESERVE, MW 9. 6 PPG 29 VIS.
18:30	19:00	0.50	DRLIN2	02M	DRILLING - DRILLING - SLIDING	No	01	1	5270.00	SLIDE DRILL 9. 875 INTERMENT 2 - F/5,245' - T/5,270' (25 FT @ 50FPH) WOB 8- 25K, TF - 235M, SPM 85/ 85 GPM 703, MRPM 116, SPP 2500 PSI, DIFF 300, NO GAINS, NO LOSSES, DRILLING THROUGH RESERVE, MW 9. 6 PPG, 29 VIS.
19:00	20:00	1.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	01	1	5338.00	ROT. DRILL 9. 875" INTM 2 - F/5270' - T/5338' (68' @ 68' FPH) WOB 25- 35K, RPM 50, GPM 753, MRPM 124, PP 2330/ 2500 PSI., DIFF 350 PSI., TQ. 10- 13K, DRILLING DOWN FLOW LINE WITH FULL RETURNS, NO GAINS OR LOSSES, MW 9. 2 PPG 29 VIS.
20:00	20:30	0.50	DRLIN2	02M	DRILLING - DRILLING - SLIDING	No	01	1	5368.00	SLIDE DRILL 9. 875 INTERMENT 2 - F/5,338' - T/5,368' (30 FT @ 60FPH) WOB 8- 25K, TF - 250M, SPM 85/ 85 GPM 753, MRPM 124, SPP 2500 PSI , DIFF 300, NO GAINS, NO LOSSES, DRILLING THROUGH RESERVE, MW 9. 6 PPG, 29 VIS.
20:30	21:00	0.50	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	01	1	5432.00	ROT. DRILL 9. 875" INTM 2 - F/5368' - T/5432' (64' @ 128' FPH) WOB 25- 35K, RPM 50, GPM 753, MRPM 124, PP 2330/ 2500 PSI., DIFF 350 PSI., TQ. 10- 13K, DRILLING DOWN FLOW LINE WITH FULL RETURNS, NO GAINS OR LOSSES, MW 9. 2 PPG 29 VIS.
21:00	21:30	0.50	DRLIN2	02M	DRILLING - DRILLING - SLIDING	No	01	1	5452.00	SLIDE DRILL 9. 875 INTERMENT 2 - F/5,432' - T/5,452' (20 FT @ 40 FPH) WOB 8- 25K, TF - 250M, SPM 85/ 85 GPM 753, MRPM 124, SPP 2500 PSI , DIFF 300, NO GAINS, NO LOSSES, DRILLING THROUGH RESERVE, MW 9. 6 PPG, 29 VIS.
21:30	00:00	2.50	DRLIN2	02A	DRILLING - ROTARY - VERTICAL	No	01	1	5778.00	ROT. DRILL 9. 875" INTM 2 - F/5,452' - T/5,778' (326' @ 130.4' FPH) WOB 25- 35K, RPM 50, GPM 753, MRPM 124, SPP 2500 PSI., DIFF 350 PSI., TQ. 10- 13K, DRILLING DOWN FLOW LINE WITH FULL RETURNS, NO GAINS OR LOSSES, MW 9. 5 PPG 29 VIS.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL :

25.00

ft

Rig(s) for today :

Scan Texas

Rig Manager :

TRENT VAUGHT

Rig Phone :

432-200-2272

Date and Time of Rig Release :

Days From Rig Release :

0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

6/4/2018

Last BOP Pressure :

5000.000

psi

Last Lot Fit :

0.00

Last Csg Date :

Last Csg Pressure :

1500.000

psi

Last Spills Reported :

Last BOP Drill Date :

Last Test MW :

0.00

Last Accidents :

Last Fire Drill :

Last Test TVD :

0.00

ft

Last Safety Meeting :

6/5/2018 10:22

Last Evac Drill :

Last Test Pressure :

0.000

psi

Last Safety Meeting Topic :

PU DP/ STAYING HYDERATED

Contacts

Day Sup. :

NICK NEWLAND

Phone :

405-761-3414

Superintendent :

SANTOS MOROLES

Phone :

432-559-4901

Night Sup. :

BRIAN EHRENBURG

Phone :

Geologist :

ALBERT BONDURANT

Phone :

205.568.5467

Alt. Phone :

Drill. Eng. :

BRANNON SMITH

Phone :

432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

5

Report Date :

6/5/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Water Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	5340.0	9.90000	27.00	1	1.00	100.0	16600	0.0	0	0	0.0

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
01	1	9.875	HALLIBURT	MM55		776.00	9.50	81.68	776.00	9.50	81.68	5002.00	5778.00	35.000	273.95	175.90	120.5

BHA Data

For Bit # :

01

Mud Motor : Total Made :

776

ft

Total BHA Hours :

9.5

Total Hours :

9.50

BHA # :

01

DC OD :

8.000

in

DP OD :

5.000

in

BHA Length :

1270.68

ft

BHA Weight

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
MUD MOTOR	1	27.36	8.650	0.000	8.650	0.000	6 5/8 REG	Box
FLOAT SUB	1	3.12	7.930	3.520	7.930	0.000	6 5/8 REG	Pin
NON- MAG COLLAR	1	12.81	7.810	3.260	7.810	0.000	6 5/8 REG	Pin
SUBS	1	2.18	8.010	2.180	8.010	0.000	6 5/8 REG	Pin
SUBS	1	3.72	8.230	3.720	8.230	0.000	6 5/8 REG	Pin
MMWD TOOLS	1	8.52	8.210	0.000	8.080	0.000	6 5/8 REG	Pin
GAP SUB	1	3.58	8.080	3.930	7.812	0.000	6 5/8 REG	Pin
NON- MAG COLLAR	1	28.63	8.030	2.750	8.030	0.000	6 5/8 REG	Pin
DRILL COLLAR	1	268.15	8.000	0.000	8.000	0.000	6 5/8 REG	Pin
CROSSOVER SUB	1	4.63	8.030	2.750	8.030	0.000	6 5/8 REG	Pin
HWDP	30	906.98	6.500	0.000	6.500	0.000	6 5/8 REG	Pin

Drilling Parameters														
Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
01	1	5778.00	35.000	129	65	783	10.00	0.00	185	175	180	2263.0	1963.0	300.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
01	BOMCO	12.000	6.000	90	376.788	BOMCO	12.000	6.000	90	376.788	2263.00	551	255

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
5225.00	BOMCO	425.0	30		0.0	0
5360.00		0.0	0	BOMCO	550.0	50

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			

Report Information		Operations	
Report # :	5	Report Date :	6/5/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
5084.00	1.13	109.7	5082.66		44.25		37.56	-31.91	0.17
5178.00	1.31	112.0	5176.64		43.54		39.43	-30.69	0.20
5273.00	1.10	160.9	5271.62		42.27		40.74	-29.11	1.05
5367.00	0.93	210.4	5365.61		40.76		40.65	-27.68	0.90
5462.00	1.67	251.1	5460.59		39.65		38.95	-27.09	1.18
5556.00	1.94	253.6	5554.54		38.75		36.13	-27.03	0.29
5651.00	1.82	250.6	5649.49		37.80		33.16	-26.95	0.16

Hook Loads		Comments	
Up :	185	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT-N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 40 HRS (1.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EM/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION 4 1/2" CET 43 HWDP RED RIVER 6/5/18: 1 SHOP REPAIR PIN & 2 BOX REFACES.</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 603 4/28/18 RED RIVER CLEAN AND VISUAL ON 702 JOINTS OF 4.5 CET 43 DP. 91 JOINTS REQUIRE REFACING. 77 BOXES & 16 PINS. 23 JOINT REQUIRE MACHINE SHOP REPAIR. 21 BOXES & 2 PINS. 2 JOINTS ARE BENT ON THE BOX SIDE TUBE. 116 JOINTS NEED TO BE SENT IN FOR REFACING OR MACHINE SHOP REPAIR TOTAL. CLAEEN AND VISUAL ON 30 JOINTS OF 4.5 CET 43 HWDP. 3 JOINTS REQUIRE REFACING OF BOX CONNECTION</p>	
Down :	175		
Rotating :	180		
Torque :	0 Amps		
Torque :	5.00 ft lbf		

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
 CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
 NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 2 HRS. / 2 HRS.
 RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 2 HRS / 2 HRS
 CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
 13 3/8" SURFACE: SET @ 416'
 10 3/4" 1 INTERMEDIATE: SET @ 5,002'
 7 5/8" 2 INTERMEDIATE SET @ XXXXX
 5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
 OBM LOST BEHIND CASING: XX BBLS
 OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
 OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
 OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
 LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS :XX BBL// TOTAL XXXX-BBLS
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
 STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
 TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
 RIG FUEL (DAILY/TOTAL): 1116 / 2192 GALS
 MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXGALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): 106 / 106 GALS
 CERTARUS CNG (DAILY/ TOTAL) 0 MCF / XXXXXX TOTAL MCF

 ORIGINAL TARGET LINE - XXXXXX

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) FLOAT SUB,
 NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
 NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT XXXX' //
 FTG. DRILLED XXXX' // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XXX // AVG R.O.P. XXX
 FPH // REASON PULLED =XXX// BIT GRADE=

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :
 Background Gas : Connection Gas : Flare Length :
 Trip Calc :

Well Incident

Report # : Incident Date : Report Date :
 Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$65,110

Cost to Date : \$275,053

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$1,310,025

Report Information

Report # : 6

Report Date : 6/6/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : DRILL 9 7/8 INTERM 2 F/8000'- 8250' (250' @ 45.4 FPH), MW 9.7 PPG

Ops Forecast : DRILL 9 7/8 INTERM 2 TOWARDS KOP @ 11.083 +/-

24hr. Summary : DRLD 9 7/8" INTERM 2 F/5778' -T/8000' (2222' @ 94.5 FPH), MW 9.7 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 0

Progress : 2222.00 ft

MD at Report Time : 8000.00 ft

Rig on Location (days) : 6

Est. TD : 21614.60 ft

TVD At Report Time : 7968.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 23.50

Total Drilling Hours : 33.00

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 97.92

Rotating % : 97.87

Sliding % : 2.13

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	01	1	6122.00	ROT. DRILL 9. 875" INTM 2 - F/5778' - T/6122' (344' @ 114.66 FPH) WOB 23K, RPM 65, GPM 753, MRPM 124, SPP 2550 PSI., DIFF 350 PSI., TQ. 14K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 7 PPG 29 VIS.
03:00	06:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	01	1	6586.00	ROT. DRILL 9. 875" INTM 2 - F/6122' - T/6586' (464' @ 154.66 FPH) WOB 30K, RPM 65, GPM 703, MRPM 117, SPP 2500 PSI., DIFF 300 PSI., TQ. 17K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 7 PPG 29 VIS.
06:00	08:00	2.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	01	1	6932.00	ROT. DRILL 9. 875" INTM 2 - F/6586' - T/6932' (346' @ 173 FPH) WOB 30K, RPM 65, GPM 703, MRPM 117, SPP 2500 PSI., DIFF 300 PSI., TQ. 17K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 7 PPG 29 VIS.
08:00	08:30	0.50	DRLIN2	10A	LUB RIG - DAILY SERVICE	No	01	1	6932.00	RIG SERVICE
08:30	09:30	1.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	01	1	7025.00	ROT. DRILL 9. 875" INTM 2 - F/6932' - T/7025' (93' @ 93 FPH) WOB 30K, RPM 65, GPM 703, MRPM 117, SPP 2500 PSI., DIFF 300 PSI., TQ. 17K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 7 PPG 29 VIS.
09:30	10:00	0.50	DRLIN2	02M	DRILLING - DRILLING - SLIDING	No	01	1	7045.00	SLIDE DRILL 9. 875" INTERMENT 2 - F/7025' - T/7045' (20 FT @ 40 FPH) WOB 10K, TF - 90M, SPM 170, GPM 700, MRPM 116, SPP 2295 PSI , DIFF 100, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 7 PPG, 29 VIS.
10:00	13:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	01	1	7321.00	ROT. DRILL 9. 875" INTM 2 - F/7045' - T/7321' (276' @ 92 FPH) WOB 30K, RPM 60, GPM 703, MRPM 117, SPP 2500 PSI., DIFF 300 PSI., TQ. 17K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 7 PPG 29 VIS.
13:00	16:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	01	1	7572.00	ROT. DRILL 9. 875" INTM 2 - F/7321' - T/7572' (251' @ 83.6 FPH) WOB 30K, RPM 60, GPM 703, MRPM 117, SPP 2500 PSI., DIFF 300 PSI., TQ. 17K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 7 PPG 29 VIS.
16:00	21:00	5.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	01	1	7849.00	ROT. DRILL 9. 875" INTM 2 - F/7321' - T/7849' (528' @ 176 FPH) WOB 30K, RPM 60, GPM 703, MRPM 117, SPP 2500 PSI., DIFF 300 PSI., TQ. 17K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 7 PPG 29 VIS.
21:00	00:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	01	1	8000.00	ROT. DRILL 9. 875" INTM 2 - F/7849' - T/8000' (151' @ 50.3 FPH) WOB 30K, RPM 60, GPM 703, MRPM 117, SPP 2500 PSI., DIFF 300 PSI., TQ. 17K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 7 PPG 29 VIS.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00

Rig Information						
KB Elevation:		2793.00	ft	KB To GL:	25.00	ft
Rig(s) for today :		Scan Texas		Rig Manager :	ROCKY BROUMLEY	
Date and Time of Rig Release :				Days From Rig Release :	0.00	
				Rig Phone :	432-200-2272	
				Rig Fax :		

Safety						
Last BOP Test(F) Date :	6/4/2018	Last BOP Pressure :	5000.000	psi	Last Lot Fit :	0.00
Last Csg Date :		Last Csg Pressure :	1500.000	psi	Last Spills Reported :	
Last BOP Drill Date :	6/6/2018	Last Test MW :	0.00		Last Accidents :	
Last Fire Drill :		Last Test TVD :	0.00	ft	Last Safety Meeting :	6/6/2018 10:22
Last Evac Drill :		Last Test Pressure :	0.000	psi	Last Safety Meeting Topic :	HOUSE KEEPING / MIXING MUD / M

Contacts							
Day Sup. :	NICK NEWLAND	Phone :	405-761-3414	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	BRIAN EHRENBURG	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :				Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments	
Daily Attachment Folder(s)	

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	6	Report Date :	6/6/2018
------------	---	---------------	----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer : CLAY RICH				Mud Type : Water Base Mud				Polymer Type :				
Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	7684.0	9.60000	1.00	1	1.00	100.0	14200	0.0	0	0	0.0

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
01	1	9.875	HALLIBURT	MM55		2222.0	23.50	94.55	2998.0	33.00	90.85	5778.00	8000.00	30.000	236.95	166.13	98.43

BHA Data

For Bit # :	01	Mud Motor :		Total Made :		2222	ft						
Total BHA Hours :	33.0			Total Hours :		23.50							
BHA # :	01	DC OD :	8.000	in	DP OD :	5.000	in	BHA Length :	1270.68	ft	BHA Weight	0.00	M Lbs
Item		Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type		Pin/Box			
BITS		1	1.00	0.000	0.000	0.000	0.000			Pin			
MUD MOTOR		1	27.36	8.650	0.000	8.650	0.000	6 5/8 REG		Box			
FLOAT SUB		1	3.12	7.930	3.520	7.930	0.000	6 5/8 REG		Pin			
NON- MAG COLLAR		1	12.81	7.810	3.260	7.810	0.000	6 5/8 REG		Pin			
SUBS		1	2.18	8.010	2.180	8.010	0.000	6 5/8 REG		Pin			
SUBS		1	3.72	8.230	3.720	8.230	0.000	6 5/8 REG		Pin			
MWD TOOLS		1	8.52	8.210	0.000	8.080	0.000	6 5/8 REG		Pin			
GAP SUB		1	3.58	8.080	3.930	7.812	0.000	6 5/8 REG		Pin			
NON- MAG COLLAR		1	28.63	8.030	2.750	8.030	0.000	6 5/8 REG		Pin			
DRILL COLLAR		1	268.15	8.000	0.000	8.000	0.000	6 5/8 REG		Pin			
CROSSOVER SUB		1	4.63	8.030	2.750	8.030	0.000	6 5/8 REG		Pin			
HWDP		30	906.98	6.500	0.000	6.500	0.000	6 5/8 REG		Pin			

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
01	1	8000.00	30.000	117	60	703	10.00	0.00	185	175	180	2448.0	2148.0	300.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
01	BOMCO	12.000	6.000	85	355.856	BOMCO	12.000	6.000	85	355.856	2263.00	520	241

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
7970.00	BOMCO	200.0	30	BOMCO	200.0	30
7970.00	BOMCO	240.0	40	BOMCO	260.0	40

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 6 Report Date : 6/6/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
5839.00	1.68	251.3	5837.40		36.02		27.62	-26.80	0.14
5934.00	1.60	255.5	5932.36		35.24		25.01	-26.78	0.15
6028.00	1.51	256.7	6026.32		34.62		22.54	-26.89	0.10
6123.00	1.41	257.1	6121.29		34.07		20.18	-27.03	0.10
6217.00	1.31	252.5	6215.27		33.49		18.03	-27.07	0.15
6311.00	1.31	248.9	6309.24		32.78		16.00	-26.96	0.09
6405.00	1.29	251.6	6403.22		32.06		14.00	-26.83	0.07
6500.00	1.23	247.6	6498.20		31.34		12.04	-26.69	0.11
6594.00	1.24	249.4	6592.17		30.59		10.15	-26.50	0.04
6689.00	1.19	247.4	6687.15		29.85		8.28	-26.32	0.07
6783.00	1.07	244.3	6781.13		29.10		6.59	-26.07	0.14
6877.00	1.08	243.1	6875.12		28.32		5.01	-25.76	0.02
6971.00	1.06	236.5	6969.10		27.43		3.49	-25.35	0.13
7066.00	0.76	184.5	7064.09		26.32		2.71	-24.50	0.87
7160.00	0.89	179.7	7158.08		24.97		2.67	-23.21	0.15
7254.00	0.81	175.8	7252.07		23.58		2.72	-21.86	0.10
7348.00	0.57	166.7	7346.06		22.46		2.88	-20.75	0.28
7443.00	0.36	183.0	7441.06		21.70		2.97	-19.99	0.25
7537.00	0.37	153.2	7535.06		21.14		3.09	-19.41	0.20
7632.00	0.67	122.7	7630.06		20.56		3.70	-18.69	0.41
7726.00	0.81	118.7	7724.05		19.95		4.74	-17.81	0.16
7820.00	0.92	111.6	7818.04		19.35		6.03	-16.88	0.16
7915.00	1.12	106.2	7913.02		18.81		7.63	-15.91	0.23
7970.00	1.12	106.2	7968.01		18.51		8.66	-15.33	0.00

Hook Loads

Up : 250
Down : 210
Rotating : 220
Torque : 0 Amps
Torque : 14000.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT-N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 64 HRS (2.66 DAYS)

UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (CLEAN & VISUAL)

PIPE INSPECTION ON THE STRIPES 38-47 603 4/28/18 RED RIVER CLEAN AND VISUAL ON 702 JOINTS OF 4.5 CET 43 DP. 91 JOINTS REQUIRE REFACING. 77 BOXES & 16 PINS. 23 JOINT REQUIRE MACHINE SHOP REPAIR. 21 BOXES & 2 PINS. 2 JOINTS ARE BENT ON THE BOX SIDE TUBE. 116 JOINTS NEED TO BE SENT IN FOR REFACING OR MACHINE SHOP REPAIR TOTAL. CLAEN AND VISUAL ON 30 JOINTS OF 4.5 CET 43 HWDP. 3 JOINTS REQUIRE REFACING OF BOX CONNECTION

DAYS SINCE LAST LTA: (1288 DAYS): LAST OSHA RECORDABLE INCIDENT: (525)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 2 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ XXXXX
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 2396 / 4588 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 0 / 106 GALS
CERTARUS CNG (DAILY/ TOTAL) 0 MCF / XXXXXX TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 'XXXX' //
FTG. DRILLED 'XXXX' // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XXX // AVG R.O.P. XXX
FPH // REASON PULLED =XXX// BIT GRADE=

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :
Background Gas : Connection Gas : Flare Length :
Trip Calc :

Well Incident

Report # : Incident Date : Report Date :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$71,250

Cost to Date : \$387,179

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$1,422,151

Report Information

Report # : 8

Report Date : 6/8/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : DRILL 9 7/8 INTERM 2 F/9141'- T/9164' (23' @ 11.5 FPH), MW 9.4 PPG, HAD 500 PSI PRESSURE SPIKE (ON& OFF BTM), CHECK FLOW (STATIC), SLUG PIPE & TOH @ 2000'

Ops Forecast : FINISH TOH, PU BHA #3, TIH & RESUME DRLG 9 7/8" INTERM 2 TOWARD KOP @ 11,083'

24hr. Summary : FINISH TOH/TIH BHA #2/ DRLD 9 7/8" INTERM 2 F/8739' -T/9141' (402' @ 38.6 FPH), MW 9.4 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 4

Progress : 402.00 ft

MD at Report Time : 9141.00 ft

Rig on Location (days) : 8

Est. TD : 21614.60 ft

TVD At Report Time : 9043.91 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 15.50

Total Drilling Hours : 66.50

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 64.58

Rotating % : 77.42

Sliding % : 22.58

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	02:00	2.00	DRLIN2	08A	TRIPPING - BIT/ BHA	No	01	1	8739.00	FINISH TOH WITH BHA # 1, MOTOR DRAINED GOOD (WILL RERUN AS BHA #2), BREAK OFF BIT # 1 (BIT GRADED: 2-6-CT-N-X-I-RO-PR), MAKE UP BIT #2, TEST MOTOR (OK), TIH HOLE WITH BHA #2 AS FOLLOWS: 9. 875" HALIBURTON 9 7/8 GT55DK W/ 5- 16'S TFA= 0. 9817 // 7. 75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1. 50° (7/8 LOBE, 4 STG., . 16 REV/ GAL) FLOAT SUB, NMPC// XO// VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9- 8" DC'S// XO// 30.JNTS HWDP = TOT. LGTH. = 1270. 68' // BIT TO BEND 6. 43 // BIT TO SURVEY 55' // BIT TO GAMMA 51. 75'
02:00	05:30	3.50	DRLIN2	08A	TRIPPING - BIT/ BHA	No	02	1	8739.00	TIH WITH BHA #2 F/ SURF - T/4673', PIPE DISPLACING PROPERLY.
05:30	06:00	0.50	DRLIN2	39A	OTHER - OTHER	No	02	1	8739.00	FILL PIPE AND INSTALL ROTATING HEAD
06:00	08:00	2.00	DRLIN2	08A	TRIPPING - BIT/ BHA	No	02	1	8739.00	CONTINUE TIH F/4673' - T/8724' WITH NO ISSUES
08:00	08:30	0.50	DRLIN2	04B	REAMING - PRECAUTIONARY	No	02	1	8739.00	FILL PIPE & SAFETY WASH F/ 8724' - T/8739', RESUME DRLG 9 7/ 8" INTERM 2
08:30	11:30	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	02	1	8840.00	ROT. DRILL 9. 875" INTM 2 - F/8739' - T/8840' (101' @ 33. 6 FPH) WOB 10- 20K, RPM 30, GPM 500, MRPM 83, PP 1600 PSI., DIFF 250 PSI., TQ. 10/ 13K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS.
11:30	14:30	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	02	1	8932.00	ROT. DRILL 9. 875" INTM 2 - F/8840' - T/8932' (92' @ 30. 6 FPH) WOB 20K, RPM 30, GPM 500, MRPM 83, PP 1600 PSI., DIFF 250 PSI., TQ. 10/ 13K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS.
14:30	18:00	3.50	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	02	1	9015.00	ROT. DRILL 9. 875" INTM 2 - F/8932' - T/9015' (83' @ 23. 7 FPH) WOB 20K, RPM 30, GPM 500, MRPM 83, PP 1600 PSI., DIFF 250 PSI., TQ. 10/ 13K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS.
18:00	19:30	1.50	DRLIN2	02M	DRILLING - DRILLING - SLIDING	No	02	1	9045.00	SLIDE DRILL 9. 875" INTERMENT 2 - F/9015' - T/9045' (30 FT @ 45 FPH) WOB 20K, TF- 230M, SPM 120, GPM 500, MRPM 80, SPP 1530 PSI , DIFF 150, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4 PPG, 29 VIS.
19:30	22:00	2.50	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	02	1	9111.00	ROT. DRILL 9. 875" INTM 2 - F/9045' - T/9111' (66' @ 26. 4 FPH) WOB 30K, RPM 30, GPM 500, MRPM 83, PP 1600 PSI., DIFF 250 PSI., TQ. 10/ 13K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS.
22:00	00:00	2.00	DRLIN2	02M	DRILLING - DRILLING - SLIDING	No	02	1	9141.00	SLIDE DRILL 9. 875" INTERMENT 2 - F/9111' - T/9141' (30 FT @ 15 FPH) WOB 20K, TF- 230M, SPM 120, GPM 500, MRPM 80, SPP 1530 PSI , DIFF 150, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4 PPG, 29 VIS.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00

PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00

Rig Information

KB Elevation:2793.00ft

KB To GL:25.00ft

Rig(s) for today :Scan Texas

Rig Manager :ROCKY BROUMLEY

Rig Phone :432-200-2272

Date and Time of Rig Release :

Days From Rig Release :0.00

Rig Fax :

Safety

Last BOP Test(F) Date:6/4/2018

Last BOP Pressure:5000.000psi

Last Lot Fit:0.00

Last Csg Date :

Last Csg Pressure:1500.000psi

Last Spills Reported :

Last BOP Drill Date:6/7/2018

Last Test MW:0.00

Last Accidents :

Last Fire Drill :

Last Test TVD:0.00ft

Last Safety Meeting :6/8/2018 10:22

Last Evac Drill :

Last Test Pressure:0.000psi

Last Safety Meeting Topic:TRIPPING / FORKCLIFF /TEAM WOR

Contacts

Day Sup. :NICK NEWLAND

Phone :405-761-3414

Superintendent :SANTOS MOROLES

Phone :432-559-4901

Night Sup. :BRIAN EHRENBURG

Phone :

Geologist :ALBERT BONDURANT

Phone :205.568.5467

Alt. Phone :

Drill. Eng. :BRANNON SMITH

Phone :432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

8

Report Date :

6/8/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Brine

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	9021.0	9.40000	27.00	1	1.00	100.0	11300	0.0	0	0	0.0

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
02	1	9.875	HALLIBURT	GT55D	323	402.00	15.50	25.94	402.00	15.50	25.94	8739.00	9141.00	30.000	157.35	136.81	46.14

BHA Data

For Bit # :

02

Mud Motor : Total Made :

0

ft

Total BHA Hours :

69.0

Total Hours :

0.00

BHA # :

02

DC OD :

8.000

in

DP OD :

5.000

in

BHA Length :

275.85

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
FLOAT SUB	1	3.12	7.930	3.520	7.930	0.000	6 5/8 REG	Pin
GAP SUB	1	3.58	8.080	3.930	7.812	0.000	6 5/8 REG	Pin
DRILL COLLAR	1	268.15	8.000	0.000	8.000	0.000	6 5/8 REG	Pin

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
02	1	9141.00	30.000	84	30	503	11000.00	0.00	270	230	220	1538.0	1375.0	163.0

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
02	BOMCO	12.000	6.000	60	251.192	BOMCO	12.000	6.000	60	251.192	1538.00	367	170

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
9141.00	BOMCO	200.0	30	BOMCO	200.0	30
9141.00	BOMCO	240.0	40	BOMCO	260.0	40

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	8	Report Date :	6/8/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
8763.00	0.59	11.5	8760.92		16.18		16.68	-10.84	0.13
8857.00	0.64	10.1	8854.92		17.17		16.86	-11.74	0.05
8952.00	0.52	4.1	8949.91		18.13		16.99	-12.62	0.14
9046.00	0.57	6.5	9043.91		19.02		17.07	-13.45	0.06

Hook Loads	Comments
Up : 270	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT-N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 112 HRS (4.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 701 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1290 DAYS): LAST OSHA RECORDABLE INCIDENT: (527)</p>
Down : 230	
Rotating : 220	
Torque : 0 Amps	
Torque : 11000.00 ft lbf	

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
 CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
 NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 2 HRS.
 RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
 CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
 13 3/8" SURFACE: SET @ 416'
 10 3/4" 1 INTERMEDIATE: SET @ 5,002'
 7 5/8" 2 INTERMEDIATE SET @ XXXXX
 5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
 OBM LOST BEHIND CASING: XX BBLS
 OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
 OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
 OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
 LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS :XX BBL// TOTAL XXXX-BBLS
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
 STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
 TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
 RIG FUEL (DAILY/TOTAL): 983 / 7336 GALS
 MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXXGALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): 21 / 148 GALS
 CERTARUS CNG (DAILY/ TOTAL) 619.10 MCF / 820.01 TOTAL MCF

 ORIGINAL TARGET LINE - XXXXXX

 BHA #2: BIT #1-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
 RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY=(XO SUB, GROUNDING SUB,
 CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
 LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
 IN 8739' // DEPTH OUT XXXX' // FTG. DRILLED XXXX' // TOTAL DRLG HRS. XXX // TOTAL MTR
 HRS. XXX (COMBINED MTR HRS BHA 1 & 2 (XXXX HRS) // AVG R.O.P. XXX FPH // REASON
 PULLED =XXX// BIT GRADE=

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
 NMPC // XO // VELOCITY=(XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
 NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
 FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
 REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :
 Background Gas : Connection Gas : Flare Length :
 Trip Calc :

Well Incident

Report # : Incident Date : Report Date :
 Problem Name :

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # : 9

Report Date : 6/9/2018

Financials

Daily Cost : \$55,585

Cost to Date : \$442,764

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$1,477,736

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : DRLD F/9316' -T/9345' (29' @ 14.5 FPH), PREP TO TOH FOR P-RATE. SLUG DP & TOH @ 1500'

Ops Forecast : FINISH TOH. CHANGE OUT BIT. TIH RESUME DRLG 9 7/8" INTERM 2 TOWARD KOP 11.083'

24hr. Summary : DRLD 9 7/8" INTERM 2 F/9141 -T/9164' (3' @ 11.5 FPH) MW 9.4 PPG, TOH FOR PRESSURE SPIKE (PLUGGED JET'S IN BIT), PU BHA #3, TIH, RESUME DRLG INTERM 2 F/9164' -T/9316' (175' @ 17.5 FPH) MW 9.4 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 5

Progress : 175.00 ft

MD at Report Time : 9316.00 ft

Rig on Location (days) : 9

Est. TD : 21614.60 ft

TVD At Report Time : 9235.90 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 10.00

Total Drilling Hours : 76.50

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 41.67

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Activity		NPT	Bit #	Run #	Depth (ft)	Remarks
				Time Code	Description					
00:00	02:00	2.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	02	1	9164.00	ROT. DRILL 9.875" INTM 2 - F/9141' - T/9164' (23' @ 11.5 FPH) WOB 30K, RPM 30, GPM 500, MRPM 83, PP 1600 PSI., DIFF 250 PSI., TQ. 10/ 13K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., HAD 500 PSI PRESSURE SPIKE ON AND OFF BOTTOM, PREP TO TOH
02:00	03:00	1.00	DRLIN2	39A	OTHER - OTHER	Yes	02	1	9164.00	DOWN LINK MWD TO TURN OFF, CHECK FOR FLOW (STATIC), SLUG DP WITH 40 BBLS 12. 7 PPG KILL MUD, PUT ON TRIP TANK AND START TOH
03:00	07:30	4.50	DRLIN2	08A	TRIPPING - BIT/ BHA	Yes	02	1	9164.00	TOH FOR PRESSURE SPIKE F/9164' - T/ BHA#2, HOLE TAKING PROPER FILL WITH NO ISSUES ON TOH.
07:30	09:30	2.00	DRLIN2	08I	TRIPPING - TRIPPING - OTHER	Yes	02	1	9164.00	BREAK OFF BIT (GRADED: 8-8 -CR-A - 1/16"- WT- PP) 3JETS PLUGGED WITH CUTTINGS & METAL FROM BIT THAT WAS LAID OVER NOZZELS), MOTOR DRAINED GOOD. LAID OUT MOTOR, PU NEW BIT AND MOTOR. SCRIBE AND TESTED (OK) , TIH W/ BHA #3.
09:30	12:00	2.50	DRLIN2	08I	TRIPPING - TRIPPING - OTHER	Yes	03	1	9164.00	TIH WITH BHA #3 AS FOLLOWS: BIT #3 - 9.875" ULTERAA CF716 S/N 36023 W/ 7 - 16' S= TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/ GAL) FLOAT SUB, // NMPC// XO// VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9- 8" DC S// XO// 30 JNTS HWDP= TOT. LGTH. = 1271.23', TIH F/ SURF - T/ 4951'
12:00	13:00	1.00	DRLIN2	12A	SLIP & CUT DRLG LINE - LINE	No	03	1	9164.00	SLIP & CUT 63' DRLG LINE
13:00	15:30	2.50	DRLIN2	08A	TRIPPING - BIT/ BHA	Yes	03	1	9164.00	CONTINUE TIH F/4951' - T/9001' WITH NO ISSUES
15:30	16:00	0.50	DRLIN2	04B	REAMING - PRECAUTIONARY	Yes	03	1	9164.00	FILL PIPE AND SAFETY WASH & REAM TO BOTTOM @ 3- 5WOB, 30 RPM, 550 GPM, 91 MRPM, SPP 1700 PSI, WITH NO ISSUES
16:00	18:00	2.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	03	1	9188.00	ROT. DRILL 9.875" INTM 2 - F/9164' - T/9188' (24' @ 12 FPH) WOB 10/ 20K, RPM 30, GPM 550, MRPM 91, PP 1750 PSI., DIFF 100 PSI., TQ. 10K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9.4+ PPG 27 VIS., DRLG 85% LS/ 10% CHERT/ 5% SHALE
18:00	21:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	03	1	9266.00	ROT. DRILL 9.875" INTM 2 - F/9188' - T/9266' (24' @ 12 FPH) WOB 30K, RPM 30, GPM 550, MRPM 91, PP 1750 PSI., DIFF 100 PSI., TQ. 10K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 85% LS/ 10% CHERT/ 5% SHALE
21:00	00:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	03	1	9316.00	ROT. DRILL 9.875" INTM 2 - F/9266' - T/9316' (50' @ 16.6 FPH) WOB 30K, RPM 30, GPM 550, MRPM 91, PP 1750 PSI., DIFF 100 PSI., TQ. 10K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 70% LS/ 30% CHERT

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00

AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
WADES INSPECTION SERVICES INC	4- MAN CREW	4	10.00	40.00

Rig Information

KB Elevation:2793.00ft

KB To GL :25.00ft

Rig(s) for today :Scan Texas

Rig Manager :ROCKY BROUMLEY

Rig Phone :432-200-2272

Date and Time of Rig Release :

Days From Rig Release :0.00

Rig Fax :

Safety

Last BOP Test(F) Date :6/4/2018

Last BOP Pressure :5000.000psi

Last Lot Fit :0.00

Last Csg Date :

Last Csg Pressure :1500.000psi

Last Spills Reported :

Last BOP Drill Date :6/7/2018

Last Test MW :0.00

Last Accidents :

Last Fire Drill :

Last Test TVD :0.00ft

Last Safety Meeting :6/9/2018 10:22

Last Evac Drill :

Last Test Pressure :0.000psi

Last Safety Meeting Topic :TRIPPING/UNLOADING CSG/HAND F

Contacts

Day Sup. :NICK NEWLAND

Phone :405-761-3414

Superintendent :SANTOS MOROLES

Phone :432-559-4901

Night Sup. :BRIAN EHRENBURG

Phone :

Geologist :ALBERT BONDURANT

Phone :205.568.5467

Alt. Phone :

Drill. Eng. :BRANNON SMITH

Phone :432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

9

Report Date :

6/9/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Brine

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	9246.0	9.40000	27.00	1	1.00	100.0	11300	0.0	0	0	0.0

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
02	1	9.875	HALLIBURTC	GT55D	323	23.00	2.00	11.50	425.00	17.50	24.29	8739.00	9141.00	30.000	157.35	136.81	46.14
03	1	9.875	ULTERRA	CF716	M323	152.00	8.00	19.00	152.00	8.00	19.00	9141.00	9316.00	30.000	135.67	127.04	43.10

BHA Data

For Bit # :

02

Mud Motor : Total Made :

0

ft

Total BHA Hours :

79.5

Total Hours :

0.00

BHA # :

02

DC OD :

8.000

in

DP OD :

5.000

in

BHA Length :

275.85

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
FLOAT SUB	1	3.12	7.930	3.520	7.930	0.000	6 5/8 REG	Pin
GAP SUB	1	3.58	8.080	3.930	7.812	0.000	6 5/8 REG	Pin
DRILL COLLAR	1	268.15	8.000	0.000	8.000	0.000	6 5/8 REG	Pin

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
02	1	9164.00	30.000	84	30	503	11000.00	0.00	270	230	220	1538.0	1375.0	163.0

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
02	BOMCO	12.000	6.000	60	251.192	BOMCO	12.000	6.000	60	251.192	1538.00	367	170
03	BOMCO	12.000	6.000	65	272.125	BOMCO	12.000	6.000	65	272.125	1650.00	398	184

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
9300.00	BOMCO	200.0	30	BOMCO	200.0	30
9300.00	BOMCO	240.0	40	BOMCO	260.0	40

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 9 Report Date : 6/9/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
9143.00	0.95	4.9	9140.90		20.30		17.20	-14.64	0.39
9238.00	1.23	4.8	9235.88		22.10		17.35	-16.33	0.29

Hook Loads

Up : 300
Down : 250
Rotating : 270
Torque : 0 Amps
Torque : 11500.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT-N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 136 HRS (5.66 DAYS)

UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EM/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 701 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

DAYS SINCE LAST LTA: (1291 DAYS): LAST OSHA RECORDABLE INCIDENT: (528)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 13 HRS. / 15 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ XXXXX
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 1073/ 8409 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 0 / 148 GALS
CERTARUS CNG (DAILY/ TOTAL) 624.15 MCF / 1444.16 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55' // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT XXXX' //
FTG. DRILLED XXXX' // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XXX // AVG R.O.P. XXX
FPH // REASON PULLED =XXX// BIT GRADE=

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :
Background Gas : 550
Trip Calc :

Connection Gas : 730

Flare Length : NONE

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$56,204

Cost to Date : \$498,968

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$1,533,940

Report Information

Report # : 10

Report Date : 6/10/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : DRILL 9 7/8" INTERM 2 F/9450' - T/9573 ' (123' @ 22.4 FPH), MW 9.4 PPG

Ops Forecast : DRILL 9 7/8" INTERM 2 TOWARDS KOP @ 11.083' +/-

24hr. Summary : DRLD 9 7/8" INTERM 2 F/9316' - T/9345'(29'@14.5 FPH),R/T FOR BIT DUE TO P-RATE, DRLD F/9345' -T/9450' (105' @ 21 FPH), MW 9.4 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 6

Progress : 134.00 ft

MD at Report Time : 9450.00 ft

Rig on Location (days) : 10

Est. TD : 21614.60 ft

TVD At Report Time : 9330.90 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 7.00

Total Drilling Hours : 83.50

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 29.17

Rotating % : 64.29

Sliding % : 35.71

Start Time	End Time	Hours	Phase	Activity		NPT	Bit #	Run #	Depth (ft)	Remarks
				Time Code	Description					
00:00	02:00	2.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	03	1	9345.00	ROT. DRILL 9. 875" INTM 2 - F/9316' - T/9345' (29' @ 14.5 FPH) WOB 30/45K, RPM 30, GPM 550, MRPM 91, PP 1750 PSI., DIFF 150/ 225 PSI., TQ. 11K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 70% LS/ 30% CHERT, PREP TO TOH FOR LOW P- RATE
02:00	02:30	0.50	DRLIN2	07I	C & C MUD - FLOW CHECK	Yes	03	1	9345.00	FLOW CHECK (STATIC), PUMP 40 BBLS 12. 7 PPG KILL MUD SLUG F/ B 10 BBLS ACTIVE
02:30	07:30	5.00	DRLIN2	08A	TRIPPING - BIT/ BHA	Yes	03	1	9345.00	TOH F/9345' - T/ BHA # 3 WITH NO ISSUES, HOLE TAKING PROPER FILL
07:30	09:30	2.00	DRLIN2	08I	TRIPPING - TRIPPING - OTHER	Yes	03	1	9345.00	PULL TO BIT, MOTOR DRAINED GOOD, BIT GRADED: 6-2-RO-T I -BT- PR, LD PDC BIT, PU BAKER GX 38C TRI - CONE ON SAME BHA, SURFACE TEST MOTOR AND MWD (OK), TIH
09:30	14:00	4.50	DRLIN2	08A	TRIPPING - BIT/ BHA	Yes	04	1	9345.00	TIH WITH BHA # 4 AS FOLLOWS: 9. 875" BAKER GX38C TRI - CONE S/ N # 5285723 W/ 2- 24' S & 1- 22 = TFA 1. 2548 // (RERUN MOTOR # 2) 7. 75" PHOENIX/ NOV ADJ., MUD MOTOR SET @ 1. 50° (7/ 8 LOBE, 4 STG., . 166 REV/ GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9- 8" DC' S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271. 23'. TIH F/ SURFACE - T/9285'
14:00	14:30	0.50	DRLIN2	04B	REAMING - PRECAUTIONARY	Yes	04	1	9345.00	SAFETY WASH & REAM F/9285' - T/9345' @ 30 RPM, 500 GPM, 83 MRPM, 1400 SPP, 3- 5 WOB LAST 2' TO BOTTOM.
14:30	15:00	0.50	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	9356.00	ROT. DRILL 9. 875" INTM 2 - F/9345' - T/9356' (11' @ 22 FPH) WOB 5- 30K, RPM 30/45, GPM 500, MRPM 83, PP 1450 PSI., DIFF 80 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 85% LS/ 15% CHERT
15:00	18:30	3.50	DRLIN2	28F	WAITING - OTHER	Yes	04	1	9356.00	H2S ALARM WENT OFF WITH BOTTOMS UP, PICK UP SHUT WELL IN, NOTIFIED SAFETY SOLUTION TO VERIFY H2S PRESENTS, WAIT ON SAFETY TECH, ARRIVED @ 17: 00, HOLD JSA WITH SAFETY TECH' S & RIG PERSONNEL, TECH SECURED WORK AREA, OPEN WELL THROUGH CHOKES , BREAK CIRCULATION NO H2S PRESENT, OPEN BACK DOWN FLOWLINE NO H2S, RESUME DRLG WHILE MONITORING FOR ANY H2S ON BOTTOMS UP.
18:30	19:30	1.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	9385.00	ROT. DRILL 9. 875" INTM 2 - F/9356' - T/9385' (20' @ 20 FPH) WOB 5- 30K, RPM 30/45, GPM 500, MRPM 83, PP 1450 PSI., DIFF 80 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 70% LS/ 30% CHERT
19:30	20:30	1.00	DRLIN2	35I	TROUBLE - EF - MWD	Yes	04	1	9385.00	TROUBLE SHOOT MWD
20:30	23:00	2.50	DRLIN2	02M	DRILLING - DRILLING - SLIDING	No	04	1	9415.00	SLIDE DRILL 9. 875" INTERMENT 2 - F/9385' - T/9415' (30 FT @ 12 FPH) WOB 20K, TF - 218M, SPM 120, GPM 600, MRPM 99. 6, SPP 1940 PSI , DIFF 60, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4 PPG, 29 VIS.
23:00	00:00	1.00	DRLIN2	02A	DRILLING - ROTARY - VERTICAL	No	04	1	9450.00	ROT. DRILL 9. 875" INTM 2 - F/9415' - T/9450' (35' @ 35 FPH) WOB 5- 40K, RPM 30/45, GPM 500, MRPM 83, PP 1450 PSI., DIFF 80 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 50% LS/ 30% SH/ 20% CHERT

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
--------	-------------	------------------	---------------	-------------

CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
SAFETY SOLUTIONS INC	SERVICE HAND	2	7.00	14.00

Rig Information

KB Elevation:2793.00ft

KB To GL:25.00ft

Rig(s) for today :Scan Texas

Rig Manager :ROCKY BROUMLEY

Rig Phone :432-200-2272

Date and Time of Rig Release :

Days From Rig Release :0.00

Rig Fax :

Safety

Last BOP Test(F) Date:6/4/2018

Last BOP Pressure:5000.000psi

Last Lot Fit:0.00

Last Csg Date :

Last Csg Pressure:1500.000psi

Last Spills Reported :

Last BOP Drill Date:6/10/2018

Last Test MW:0.00

Last Accidents :

Last Fire Drill :

Last Test TVD:0.00ft

Last Safety Meeting :6/10/2018 10:22

Last Evac Drill :

Last Test Pressure:0.000psi

Last Safety Meeting Topic:TRIPPING / H2S AWEARNESS / SNA

Contacts

Day Sup. :NICK NEWLAND

Phone :405-761-3414

Superintendent :SANTOS MOROLES

Phone :432-559-4901

Night Sup. :BRIAN EHRENBURG

Phone :

Geologist :ALBERT BONDURANT

Phone :205.568.5467

Alt. Phone :

Drill. Eng. :BRANNON SMITH

Phone :432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	10	Report Date :	6/10/2018
------------	----	---------------	-----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer :	CLAY RICH	Mud Type :	Brine	Polymer Type :	
----------------	-----------	------------	-------	----------------	--

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	9331.0	9.40000	27.00	1	1.00	100.0	11200	0.0	0	0	0.0

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
03	1	9.875	ULTERRA	CF716	M323	29.00	2.00	14.50	181.00	10.00	18.10	9316.00	9345.00	30.000	135.679	127.04	43.10
04	1	9.875	BAKER	GX 38 C	547	105.00	5.00	21.00	105.00	5.00	21.00	9345.00	9450.00	38.000	162.788	139.16	51.71

BHA Data

For Bit # :	03	Mud Motor : Total Made :	29	ft
Total BHA Hours :	87.5	Total Hours :	2.00	
BHA # :	03	DC OD :	8.000	in
		DP OD :	5.000	in
		BHA Length :	44.84	ft
		BHA Weight :	0.00	M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
MUD MOTOR	1	27.91	8.650	0.000	8.650	0.000	6 5/8 REG	Box
FLOAT SUB	1	3.12	7.930	3.520	7.930	0.000	6 5/8 REG	Pin
NON- MAG COLLAR	1	12.81	7.810	3.260	7.810	0.000	6 5/8 REG	Pin

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
03	1	9345.00	30.000	89	30	540	11.00	0.00	300	250	230	1670.0	1520.0	150.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
03	BOMCO	12.000	6.000	65	272.125	BOMCO	12.000	6.000	65	272.125	1650.00	398	184
04	BOMCO	12.000	6.000	65	272.125	BOMCO	12.000	6.000	65	272.125	1500.00	398	184

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
9478.00	BOMCO	200.0	30	BOMCO	200.0	30
9478.00	BOMCO	240.0	40	BOMCO	260.0	40

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	10	Report Date :	6/10/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
9333.00	1.29	4.8	9330.86		24.18		17.52	-18.28	0.06

Hook Loads	Comments
Up : 300	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT-N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 160 HRS (6.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 701 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1292 DAYS): LAST OSHA RECORDABLE INCIDENT: (529)</p>
Down : 250	
Rotating : 270	
Torque : 0 Amps	
Torque : 9000.00 ft lbf	

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 16.5 HRS. / 31.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ XXXXX
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 1105 / 9514 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 0 / 148 GALS
CERTARUS CNG (DAILY/ TOTAL) 158.30 MCF / 1602.46 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR #2) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE,
4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55' // BIT TO GAMMA 49.78' // DEPTH
IN 9345' // DEPTH OUT XXXX' // FTG. DRILLED XXXX' // TOTAL DRLG HRS. XXX // TOTAL MTR
HRS. XXX // AVG R.O.P. XXX FPH // REASON PULLED =XXX// BIT GRADE=

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55' // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Trip Calc :

Connection Gas :

Flare Length :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost :

\$80,932

Cost to Date :

\$579,900

AFE # :

PB18100006

AFE :

\$10,772,650

AFE Cost to Date :

\$1,614,872

Report Information

Report # :

11

Report Date :

6/11/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

DRILL 9 7/8" INTERM 2 F/9962'- T/10.110' (148' @ 26.9 FPH), MW 9.4 PPG

Ops Forecast :

DRILL 9 7/8" INTERM 2 TOWARDS KOP @ 11.083' +/-

24hr. Summary :

DRLD 9 7/8" INTERM 2 F/9450' -T/9962' (512' @ 22.2 FPH), MW 9.4 PPG

Planning Status :

Elevations

GL

2768.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

7

Progress :

512.00

ft

MD at Report Time :

9962.00

ft

Rig on Location (days) :

11

Est. TD :

21614.60

ft

TVD At Report Time :

9897.50

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

23.50

Total Drilling Hours :

107.00

Total Hours :

24.00

Time Code :

DRILLING

Drilling % :

97.92

Rotating % :

100.00

Sliding % :

0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	9508.00	ROT. DRILL 9. 875" INTM 2 - F/9450' - T/9508' (58' @ 19.3 FPH) WOB 40- 42K, RPM 35, GPM 500, MRPM 83, PP 1750 PSI., DIFF 80 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 50% LS/ 50% SH/ TRACE CHERT
03:00	06:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	9574.00	ROT. DRILL 9. 875" INTM 2 - F/9508' - T/9574' (66' @ 22 FPH) WOB 40- 42K, RPM 35, GPM 500, MRPM 83, PP 1750 PSI., DIFF 80 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 50% LS/ 50% SH/ TRACE CHERT
06:00	09:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	9641.00	ROT. DRILL 9. 875" INTM 2 - F/9574' - T/9641' (67' @ 22 FPH) WOB 40- 42K, RPM 35, GPM 500, MRPM 83, PP 1750 PSI., DIFF 80 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 30% LS/ 70% SH
09:00	12:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	9701.00	ROT. DRILL 9. 875" INTM 2 - F/9641' - T/9701' (60' @ 20 FPH) WOB 45K, RPM 35/ 45, GPM 500/ 540, MRPM 83/ 89, PP 1750 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 20% LS/ 80% SH
12:00	15:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	9763.00	ROT. DRILL 9. 875" INTM 2 - F/9701' - T/9763' (62' @ 20.6 FPH) WOB 42/ 45K, RPM 30, GPM 540, MRPM 89, PP 1650 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 20% LS/ 80% SH
15:00	15:30	0.50	DRLIN2	10A	LUB RIG - DAILY SERVICE	No	04	1	9763.00	RIG SERVICE
15:30	18:00	2.50	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	9832.00	ROT. DRILL 9. 875" INTM 2 - F/9763' - T/9832' (69' @ 27.6 FPH) WOB 42/ 45K, RPM 30, GPM 540, MRPM 89, PP 1650 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 30% LS/ 70% SH
18:00	21:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	9900.00	ROT. DRILL 9. 875" INTM 2 - F/9832' - T/9900' (68' @ 22.6 FPH) WOB 42/ 45K, RPM 30, GPM 540, MRPM 89, PP 1650 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 50% LS/ 50% SH
21:00	00:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	9962.00	ROT. DRILL 9. 875" INTM 2 - F/9900' - T/9962' (62' @ 20.6 FPH) WOB 42/ 45K, RPM 30, GPM 540, MRPM 89, PP 1650 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 50% LS/ 50% SH

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
SAFETY SOLUTIONS INC	SERVICE HAND	2	24.00	48.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL

25.00

ft

Rig(s) for today :	Scan Texas	Rig Manager :	ROCKY BROUMLEY	Rig Phone :	432-200-2272
Date and Time of Rig Release :		Days From Rig Release :	0.00	Rig Fax :	

Safety						
Last BOP Test(F) Date :	6/4/2018	Last BOP Pressure :	5000.000	psi	Last Lot Fit :	0.00
Last Csg Date :		Last Csg Pressure :	1500.000	psi	Last Spills Reported :	
Last BOP Drill Date :	6/10/2018	Last Test MW :	0.00		Last Accidents :	
Last Fire Drill :		Last Test TVD :	0.00	ft	Last Safety Meeting :	6/11/2018 10:22
Last Evac Drill :		Last Test Pressure :	0.000	psi	Last Safety Meeting Topic :	LAST DAY OF TOUR / TEAM WORK

Contacts							
Day Sup. :	NICK NEWLAND	Phone :	405-761-3414	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	BRIAN EHRENBURG	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :				Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	11	Report Date :	6/11/2018
------------	----	---------------	-----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer :	CLAY RICH	Mud Type :	Brine	Polymer Type :	
----------------	-----------	------------	-------	----------------	--

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	9835.0	9.40000	27.00	1	1.00	100.0	11300	0.0	0	0	0.0

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
04	1	9.875	BAKER	GX 38 C	547	512.00	23.50	21.79	617.00	28.50	21.65	9450.00	9962.00	38.000	162.788	139.16	51.71

BHA Data

For Bit # :	04	Mud Motor : Total Made :	512	ft
Total BHA Hours :	111.0	Total Hours :	23.50	
BHA # :	04	DC OD :	8.000	in
		DP OD :	5.000	in
		BHA Length :	1271.23	ft
		BHA Weight :	0.00	M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
MUD MOTOR	1	27.91	8.650	0.000	8.650	0.000	6 5/8 REG	Box
FLOAT SUB	1	3.12	7.930	3.520	7.930	0.000	6 5/8 REG	Pin
NON- MAG COLLAR	1	12.81	7.810	3.260	7.810	0.000	6 5/8 REG	Pin
SUBS	1	2.18	8.010	2.180	8.010	0.000	6 5/8 REG	Pin
SUBS	1	3.72	8.230	3.720	8.230	0.000	6 5/8 REG	Pin
MMWD TOOLS	1	8.52	8.210	0.000	8.080	0.000	6 5/8 REG	Pin
GAP SUB	1	3.58	8.080	3.930	7.812	0.000	6 5/8 REG	Pin
NON- MAG COLLAR	1	28.63	8.030	2.750	8.030	0.000	6 5/8 REG	Pin
DRILL COLLAR	1	268.15	8.000	0.000	8.000	0.000	6 5/8 REG	Pin
CROSSOVER SUB	1	4.63	8.030	2.750	8.030	0.000	6 5/8 REG	Pin
HWDP	30	906.98	6.500	0.000	6.500	0.000	6 5/8 REG	Pin

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
04	1	9962.00	38.000	84	40	507	9146.00	0.00	300	250	270	1500.0	1350.0	150.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
04	BOMCO	12.000	6.000	65	272.125	BOMCO	12.000	6.000	65	272.125	1500.00	398	184

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
9952.00	BOMCO	200.0	30	BOMCO	200.0	30
9952.00	BOMCO	300.0	40	BOMCO	300.0	40

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 11 Report Date : 6/11/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
9522.00	2.14	221.2	9519.79		21.46		14.68	-16.47	0.37
9616.00	1.96	222.8	9613.73		18.96		12.43	-14.70	0.20
9711.00	1.92	212.8	9708.67		16.44		10.46	-12.83	0.35
9806.00	1.64	198.3	9803.63		13.81		9.17	-10.67	0.55
9900.00	1.57	192.6	9897.59		11.27		8.47	-8.44	0.18

Hook Loads

Up : 300
Down : 250
Rotating : 270
Torque : 0 Amps
Torque : 8500.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT-N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 184 HRS (7.66 DAYS)

UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EM/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

DAYS SINCE LAST LTA: (1293 DAYS): LAST OSHA RECORDABLE INCIDENT: (530)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 31.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ XXXXX
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 1271 / 10785 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 187 / 335 GALS
CERTARUS CNG (DAILY/ TOTAL) 475.5 MCF / 2077.96 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55' // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT XXXX' // FTG. DRILLED XXXX' // TOTAL DRLG HRS. XXX //
TOTAL MTR HRS. XXX (TOTAL MTR HRS RUN #3 & #4= XXXX) // AVG R.O.P. XXX FPH //
REASON PULLED =XXX// BIT GRADE=

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55' // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Trip Calc :

Connection Gas :

Flare Length :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost :

\$165,012

Cost to Date :

\$744,912

AFE # :

PB18100006

AFE :

\$10,772,650

AFE Cost to Date :

\$1,779,884

Report Information

Report # :

12

Report Date :

6/12/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

DRILL 9 7/8" INTERM 2 F/10491'- T/10,625' (134' @ 22.3 FPH), MW 9.4 PPG

Ops Forecast :

DRILL 9 7/8" INTERM 2 TOWARDS KOP @ 11.083' +/-

24hr. Summary :

DRLD 9 7/8" INTERM 2 F/9962' -T/10491' (529' @ 26.4 FPH). MW 9.4 PPG

Planning Status :

Elevations

GL

2768.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

8

Progress :

529.00

ft

MD at Report Time :

10491.00

ft

Rig on Location (days) :

12

Est. TD :

21614.60

ft

TVD At Report Time :

10369.40

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

23.50

Total Drilling Hours :

130.50

Total Hours :

24.00

Time Code :

DRILLING

Drilling % :

97.92

Rotating % :

97.87

Sliding % :

2.13

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	10044.00	ROT. DRILL 9. 875" INTM 2 - F/9962' - T/ 10, 044' (82' @ 27.3 FPH) WOB 45K, RPM 35, GPM 552, MRPM 91, PP 1680 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 40% LS/ 60% SH
03:00	06:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	10110.00	ROT. DRILL 9. 875" INTM 2 - F/10, 044' - T/ 10, 110' (66' @ 22 FPH) WOB 40K, RPM 35, GPM 552, MRPM 91, PP 1700 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 50% LS/ 50% SH
06:00	09:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	10188.00	ROT. DRILL 9. 875" INTM 2 - F/10, 110' - T/ 10, 188' (78' @ 26 FPH) WOB 45K, RPM 30, GPM 544, MRPM 90, PP 1750 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 60% LS/ 40% SH
09:00	11:00	2.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	10235.00	ROT. DRILL 9. 875" INTM 2 - F/10188' - T/ 10, 235' (47' @ 23.5 FPH) WOB 45K, RPM 30, GPM 544, MRPM 90, PP 1750 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 65% LS/ 35% SH
11:00	11:30	0.50	DRLIN2	10A	LUB RIG - DAILY SERVICE	No	04	1	10235.00	SERVICE RIG/ TOP DRIVE.
11:30	15:00	3.50	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	10301.00	ROT. DRILL 9. 875" INTM 2 - F/10, 235' - T/ 10, 301' (66' @ 18.8 FPH) WOB 45K, RPM 30, GPM 544, MRPM 90, PP 1750 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 65% LS/ 35% SH
15:00	18:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	10361.00	ROT. DRILL 9. 875" INTM 2 - F/10, 301' - T/ 10, 361' (60' @ 20 FPH) WOB 45K, RPM 30, GPM 544, MRPM 90, PP 1750 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 65% LS/ 35% SH
18:00	21:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	10437.00	ROT. DRILL 9. 875" INTM 2 - F/10, 361' - T/ 10, 437' (76' @ 25.3 FPH) WOB 45/ 50K, RPM 30, GPM 544, MRPM 90, PP 1750 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 60% LS/ 40% SH
21:00	21:30	0.50	DRLIN2	02M	DRILLING - DRILLING - SLIDING	No	04	1	10437.00	SLIDE DRILL 9. 875" INTERMENT 2 - F/10427' - T/ 10, 437' (10 FT @ 20 FPH) WOB 20K, TF - 330M, SPM 120, GPM 600, MRPM 99.6, SPP 1940 PSI , DIFF 60, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4 PPG, 29 VIS.
21:30	00:00	2.50	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	10491.00	ROT. DRILL 9. 875" INTM 2 - F/10, 437' - T/ 10, 491' (54' @ 21.6 FPH) WOB 45/ 50K, RPM 30, GPM 544, MRPM 90, PP 1750 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 60% LS/ 40% SH

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00

AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
SAFETY SOLUTIONS INC	SERVICE HAND	2	24.00	48.00

Rig Information

KB Elevation:2793.00ft

KB To GL :25.00ft

Rig(s) for today :Scan Texas

Rig Manager :ROCKY BROUMLEY

Rig Phone :432-200-2272

Date and Time of Rig Release :

Days From Rig Release :0.00

Rig Fax :

Safety

Last BOP Test(F) Date :6/4/2018

Last BOP Pressure :5000.000psi

Last Lot Fit :0.00

Last Csg Date :

Last Csg Pressure :1500.000psi

Last Spills Reported :

Last BOP Drill Date :6/10/2018

Last Test MW :0.00

Last Accidents :

Last Fire Drill :

Last Test TVD :0.00ft

Last Safety Meeting :6/12/2018 10:22

Last Evac Drill :

Last Test Pressure :0.000psi

Last Safety Meeting Topic :FIRST DAY BACK ON TOUR / TEAM

Contacts

Day Sup. :NICK NEWLAND

Phone :405-761-3414

Superintendent :SANTOS MOROLES

Phone :432-559-4901

Night Sup. :BRIAN EHRENBURG

Phone :

Geologist :ALBERT BONDURANT

Phone :205.568.5467

Alt. Phone :

Drill. Eng. :BRANNON SMITH

Phone :432-818-1777

Attachments

Daily Attachment Folder(s)

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

12

Report Date :

6/12/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Brine

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	10424.	9.40000	28.00	1	1.00	100.0	11200	0.0	0	0	0.0

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
04	1	9.875	BAKER	GX 38 C	547	529.00	23.50	22.51	1146.00	52.00	22.04	9962.00	10491.00	38.000	162.788	139.16	51.71

BHA Data

For Bit # :

04

Mud Motor : Total Made :

529

ft

Total BHA Hours :

134.5

Total Hours :

23.50

BHA # :

04

DC OD :

8.000

in

DP OD :

5.000

in

BHA Length :

1271.23

ft

BHA Weight

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
MUD MOTOR	1	27.91	8.650	0.000	8.650	0.000	6 5/8 REG	Box
FLOAT SUB	1	3.12	7.930	3.520	7.930	0.000	6 5/8 REG	Pin
NON- MAG COLLAR	1	12.81	7.810	3.260	7.810	0.000	6 5/8 REG	Pin
SUBS	1	2.18	8.010	2.180	8.010	0.000	6 5/8 REG	Pin
SUBS	1	3.72	8.230	3.720	8.230	0.000	6 5/8 REG	Pin
MWD TOOLS	1	8.52	8.210	0.000	8.080	0.000	6 5/8 REG	Pin
GAP SUB	1	3.58	8.080	3.930	7.812	0.000	6 5/8 REG	Pin
NON- MAG COLLAR	1	28.63	8.030	2.750	8.030	0.000	6 5/8 REG	Pin
DRILL COLLAR	1	268.15	8.000	0.000	8.000	0.000	6 5/8 REG	Pin
CROSSOVER SUB	1	4.63	8.030	2.750	8.030	0.000	6 5/8 REG	Pin
HWDP	30	906.98	6.500	0.000	6.500	0.000	6 5/8 REG	Pin

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
04	1	10491.00	38.000	84	40	507	9146.00	0.00	300	250	270	1500.0	1350.0	150.0

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
04	BOMCO	12.000	6.000	65	272.125	BOMCO	12.000	6.000	65	272.125	1500.00	398	184

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
10518.00	BOMCO	200.0	30	BOMCO	200.0	30
10518.00	BOMCO	260.0	40	BOMCO	260.0	40

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	12	Report Date :	6/12/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
9995.00	1.46	192.7	9992.56		8.82		7.92	-6.24	0.11
10089.00	1.43	190.8	10086.53		6.50		7.44	-4.15	0.06
10183.00	1.55	175.9	10180.50		4.08		7.31	-1.86	0.42
10278.00	1.81	163.5	10275.46		1.36		7.83	0.90	0.46
10372.00	1.73	155.3	10369.41		-1.35		8.84	3.78	0.28

Hook Loads	Comments
Up : 270	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT-N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 232 HRS (9.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EM/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1295 DAYS): LAST OSHA RECORDABLE INCIDENT: (532)</p>
Down : 270	
Rotating : 290	
Torque : 0 Amps	
Torque : 12000.00 ft lbf	

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 31.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ XXXXX
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 1527 / 12,312 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 56 / 391 GALS
CERTARUS CNG (DAILY/ TOTAL) 261 MCF / 2338.96 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55' // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT XXXX' // FTG. DRILLED XXXX' // TOTAL DRLG HRS. XXX //
TOTAL MTR HRS. XXX (TOTAL MTR HRS RUN #3 & #4= XXXX) // AVG R.O.P. XXX FPH //
REASON PULLED =XXX// BIT GRADE=

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55' // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Trip Calc :

Connection Gas :

Flare Length :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # : 13

Report Date : 6/13/2018

Financials

Daily Cost : \$94,068

Cost to Date : \$838,980

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$1,873,952

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : DRILL 9 7/8" INTERM 2 F/10.737' - T/11.005" (268' @ 45 FPH), MW 9.4 PPG

Ops Forecast : DRILL 9 7/8" INTERM 2 TOWARDS KOP @ 11.036', THEN DRILL 9 7/8" CURVE

24hr. Summary : DRLD 9 7/8" INTERM 2 F/10491' - T/10631' (140' @ 21.5 FPH) MW 9.4 PPG,TOH FOR PR , PU BHA #5, TIH, RESUME DRLG INTERM 2 F/10,631' -T/10737' (106' @ 35.3 FPH) MW 9.4 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 9

Progress : 246.00 ft

MD at Report Time : 10737.00 ft

Rig on Location (days) : 13

Est. TD : 21614.60 ft

TVD At Report Time : 10599.40 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 9.50

Total Drilling Hours : 140.00

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 39.58

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Activity		NPT	Bit #	Run #	Depth (ft)	Remarks
				Time Code	Description					
00:00	03:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	10599.00	ROT. DRILL 9. 875" INTM 2 - F/10,491' - T/10,559' (68' @ 22.6 FPH) WOB 45/50K, RPM 30, GPM 544, MRPM 90, PP 1750 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 60% LS/ 40% SH
03:00	06:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	10625.00	ROT. DRILL 9. 875" INTM 2 - F/10,559' - T/10,625' (66' @ 22 FPH) WOB 45/50K, RPM 30, GPM 544, MRPM 90, PP 1750 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 60% LS/ 40% SH
06:00	06:30	0.50	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	04	1	10631.00	ROT. DRILL 9. 875" INTM 2 - F/10,625' - T/10,631' (6' @ 12 FPH) WOB 45/50K, RPM 30, GPM 544, MRPM 90, PP 1750 PSI., DIFF 100 PSI., TQ. 9K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 60% LS/ 40% SH
06:30	07:30	1.00	DRLIN2	07C	C & C MUD - PRIOR TO TRIP	No	04	1	10631.00	CIRCULATE BOTTOMS UP / FLOW CHECK (STATIC), PUMP 40 BBLS 12. 7 PPG KILL MUD SLUG F/ B 10 BBLS ACTIVE
07:30	14:00	6.50	DRLIN2	08A	TRIPPING - BIT/ BHA	No	04	1	10631.00	TOH F/ 10631' - T/ BHA #4 WITH NO ISSUES, HOLE TAKING PROPER FILL PULL TO BIT, MOTOR DRAINED GOOD, BIT GRADED: 3-7 -FC- HE - 2 1/ 16 -CT - PR, LAYED DOWN 9 - 8" COLLARS AND MOTOR.
14:00	15:30	1.50	DRLIN2	08A	TRIPPING - BIT/ BHA	No	05	1	10631.00	P/ UP NEW MOTOR , MAKE UP PONY AND VELOCITY / SCRIBE , MAKE UP CROSSOVERS, TEST MWD , TWO MWD' S , MAKE UP BIT #5.
15:30	20:00	4.50	DRLIN2	08A	TRIPPING - BIT/ BHA	No	05	1	10631.00	TIH WITH BHA # 5 AS FOLLOWS: 9. 875" ULTERRA CF613 S/ N# 40407 W/ -6- 16' S = TFA 1. 1781// MOTOR # 3 7. 75" PHOENIX/ NOV ADJ., MUD MOTOR SET @ 2. 12° (4/ 5 LOBE, 5. 3 STG./ .253 REV/ GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S - 135 // 30 JNTS HWDP = TOT. LGTH. = 2166. 5'. CONT. TRIPPING IN THE HOLE F/ 2, 166' TO 10, 565', MONITORING WELL THRU TRIP TANK, GETTING PROPER DISPLACEMENT, SLICK HOLE
20:00	21:00	1.00	DRLIN2	04B	REAMING - PRECAUTIONARY	No	05	1	10631.00	INSTALL ROTATING HEAD FILL PIPE DOWN LINK MWD / PRECAUTIONARY WASH & REAM F/ 10, 565- 10, 631 @ 3- 5 WOB, 20 RPM, 550 GPM, 137 MRPM, SPP 1700 PSI, WITH NO ISSUES / (10PPM H2S/ 50 PPM LEL @ SHAKERS ON BOTTOMS UP. NOTE: SAFETY SOLUTIONS ON LOCATION, DID NOT HAVE TO SHUT DOWN OPERATIONS.
21:00	00:00	3.00	DRLIN2	02B	DRILLING - MTR/TURB - VERT	No	05	1	10737.00	ROT. DRILL 9. 875" INTM 2 - F/10,631' - T/10,737' (106' @ 35.3 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., DRLG 85% LS/ 15% SH

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00

PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
SAFETY SOLUTIONS INC	SERVICE HAND	2	24.00	48.00

Rig Information

KB Elevation:2793.00ft

KB To GL:25.00ft

Rig(s) for today :Scan Texas

Rig Manager :ROCKY BROUMLEY

Rig Phone :432-200-2272

Date and Time of Rig Release :

Days From Rig Release :0.00

Rig Fax :

Safety

Last BOP Test(F) Date:6/4/2018

Last BOP Pressure:5000.000psi

Last Lot Fit:0.00

Last Csg Date :

Last Csg Pressure:1500.000psi

Last Spills Reported :

Last BOP Drill Date:6/10/2018

Last Test MW:0.00

Last Accidents :

Last Fire Drill :

Last Test TVD:0.00ft

Last Safety Meeting :6/12/2018 10:22

Last Evac Drill :

Last Test Pressure:0.000psi

Last Safety Meeting Topic:TEAM WORK / WORKING SMARTER

Contacts

Day Sup.:RAUL BAEZA

Phone:432-853-7484

Superintendent:SANTOS MOROLES

Phone:432-559-4901

Night Sup.:BRIAN EHRENBURG

Phone:

Geologist:ALBERT BONDURANT

Phone:205.568.5467

Alt. Phone:

Drill. Eng.:BRANNON SMITH

Phone:432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 13 Report Date : 6/13/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Mud Data

Mud Engineer : CLAY RICH Mud Type : Brine Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	10631.0	9.40000	27.00	1	1.00	100.0	11300	0.0	0	0	0.0

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
04	1	9.875	BAKER	GX 38 C	547	140.00	6.50	21.54	1286.00	58.50	21.98	10491.00	10631.00	38.000	162.788	139.16	51.71
05	1	9.875	ULTERRA	ULTER		106.00	3.00	35.33	106.00	3.00	35.33	10631.00	10737.00	22.000	184.674	148.22	58.66

BHA Data

For Bit # : 04 Mud Motor : Total Made : 0 ft
Total BHA Hours : 146.0 Total Hours : 0.00
BHA # : DC OD : 8.000 in DP OD : 5.000 in BHA Length : 0.00 ft BHA Weight 0.00 M Lbs

Item	Jts	Length (ft)	OD (in)	ID (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
------	-----	-------------	---------	---------	------------------	-----------------	-------------	---------

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
04	1	10631.00	38.000	84	40	507	9146.00	0.00	300	250	270	1500.0	1350.0	150.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
04	BOMCO	12.000	6.000	65	272.125	BOMCO	12.000	6.000	65	272.125	1500.00	398	184
05	BOMCO	12.000	6.000	65	272.125	BOMCO	12.000	6.000	65	272.125	1500.00	398	184

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
10659.00	BOMCO	200.0	30	BOMCO	200.0	30
10659.00	BOMCO	260.0	40	BOMCO	260.0	40

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 13 Report Date : 6/13/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
10561.00	0.52	267.6	10558.39		-3.28		8.95	5.67	0.63
10602.00	0.45	277.1	10599.39		-3.27		8.61	5.56	0.25

Hook Loads

Up : 310
Down : 270
Rotating : 290
Torque : 0 Amps
Torque : 11.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT-N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 256 HRS (10.66 DAYS)

UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

DAYS SINCE LAST LTA: (1296 DAYS): LAST OSHA RECORDABLE INCIDENT: (533)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 31.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ XXXXX
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): XXX BBLs / XXXX BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: X BBLs TO CUTTINGS // TOTAL= XXXBBLs
OBM LOST: XXBBLs// TOTAL = XXXX BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: XXXX BBLs TOTAL VOLUME: XXXX BBLs
TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 1374 / 13686 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 169 / 560 GALS
CERTARUS CNG (DAILY/ TOTAL) 48 MCF / 2388.96 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3
7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12" (4/5 LOBE, 5.3 STG./253 REV/GAL)
FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. =
2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' //
DEPTH OUT XX,XXX // FTG. DRILLED XXXX // TOTAL DRLG HRS. XX // TOTAL MTR HRS.
XX.X // AVG R.O.P. XX FPH // REASON PULLED = XX// BIT GRADE=X-X-XX-X-X-X

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50" (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 //
TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH //
REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50" (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50" (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50" (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal**Shakers**

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud LogFormation : Background Gas : Trip Calc : Connection Gas : Flare Length : **Well Incident**Report # : Incident Date : Report Date : Problem Name :

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost :

\$40,955

Cost to Date :

\$893,781

AFE # :

PB18100006

AFE :

\$10,772,650

AFE Cost to Date :

\$1,928,753

Report Information

Report # :

14

Report Date :

6/14/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

DRILL 9 7/8" INTERM 2 CURVE F/11.398'- T/11.500' (102' @ 17 FPH), MW 9.4 PPG

Ops Forecast :

DRILL 9 7/8" INTERM 2 CURVE TOWARDS ESTIMATED LANDING DEPTH OF 11660'. CIRC. HOLE CLEAN, POOH L/D 5" DP

24hr. Summary :

DRID 9 7/8" INTERM 2 TOWARDS KOP @ 11.036'. DRILL 9 7/8" CURVE F/11.036' -T/11.398' (362' @ 15.7 FPH) MW 9.4 PPG.

Planning Status :

Elevations

GL

2768.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

10

Progress :

661.00

ft

MD at Report Time :

11398.00

ft

Rig on Location (days) :

14

Est. TD :

21614.60

ft

TVD At Report Time :

11300.30

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

23.50

Total Drilling Hours :

163.50

Total Hours :

24.00

Time Code :

DRILLING

Drilling % :

97.92

Rotating % :

42.55

Sliding % :

57.45

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLIN1	02A	DRILLING - ROTARY - VERTICAL	No	05	1	10886.00	ROT. DRILL 9. 875" INTM 2 - F/10,737' - T/10,866' (129' @ 43 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG 27 VIS., LITH 70% LS/ 30% SH
03:00	06:00	3.00	DRLIN1	02A	DRILLING - ROTARY - VERTICAL	No	05	1	10996.00	ROT. DRILL 9. 875" INTM 2 - F/10,866' - T/10,996' (130' @ 43. 3 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG W/ 29 VIS., DRLG 85% LS/ 15% SH
06:00	07:00	1.00	DRLIN1	02A	DRILLING - ROTARY - VERTICAL	No	05	1	11036.00	ROT. DRILL 9. 875" INTM 2 - F/10,996' - T/11,036' (40' @ 40 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG W/ 29 VIS., LITH 75% LS/ 25% SH (KOP BEGAN @ 11, 036')
07:00	08:30	1.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11066.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11,036' - T/11,066' (30' @ 20 FPH) WOB 25/ 30K, TF / 165M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC RESERVE WITH FULL RETURNS, MW 9. 4 PPG W/ 29 VIS , LITH 80% LS/ 20% SH.
08:30	09:00	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11083.00	ROT. DRILL 9. 875" INTM 2 CURVE F/ 11,066' - T/11,083' (17' @ 34 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG W/ 29 VIS., LITH 75% LS/ 25% SH
09:00	10:00	1.00	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11113.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11,083' - T/11,113' (30' @ 30 FPH) WOB 25/ 30K, TF / 165M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC RESERVE WITH FULL RETURNS, MW 9. 4 PPG W/ 29 VIS , LITH 80% LS/ 20% SH.
10:00	10:30	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11131.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,113' - T/11,131' (18' @ 36 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG W/ 29 VIS., LITH 75% LS/ 25% SH
10:30	12:30	2.00	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11164.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11,131' - T/11,164' (33' @ 16. 5 FPH) WOB 25/ 30K, TF / 165M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC RESERVE WITH FULL RETURNS, MW 9. 4 PPG W/ 29 VIS , LITH 80% LS/ 20% SH.
12:30	13:00	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11178.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,164' - T/11,178' (14' @ 28 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG W/ 29 VIS., LITH 75% LS/ 25% SH
13:00	14:30	1.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11211.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11,178' - T/11,211' (33' @ 22 FPH) WOB 25/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC RESERVE WITH FULL RETURNS, MW 9. 4 PPG W/ 29 VIS , LITH 80% LS/ 20% SH.
14:30	15:00	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11225.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,211' - T/11,225' (14' @ 28 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG W/ 29 VIS., LITH 75% LS/ 25% SH
15:00	15:30	0.50	DRLPRC	10C	LUB RIG - RIG SERVICE - OTHER	No	05	1	11225.00	SERVICE RIG/ TOP DRIVE.
15:30	17:00	1.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11263.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11,225' - T/11,263' (38' @ 25. 3 FPH) WOB 25/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC RESERVE WITH FULL RETURNS, MW

										9.4 PPG W/ 29 VIS , LITH 80% LS/ 20% SH.
17:00	17:30	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11272.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,263' - T/11,272' (9' @ 18 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG W/ 29 VIS., LITH 85% LS/ 15% SH
17:30	19:00	1.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11309.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11,272' - T/11,309' (37' @ 24. 6 FPH) WOB 25/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC RESERVE WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 80% LS/ 20% SH.
19:00	19:30	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11319.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,309' - T/11,319' (10' @ 20 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, DRILLING THROUGH RESERVE WITH FULL RETURNS, MW 9. 4+ PPG W/ 27 VIS., LITH 75% LS/ 25% SH
19:30	22:30	3.00	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11369.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11,319' - T/11,369' (50' @ 16. 6 FPH) WOB 25/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC RESERVE WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 80% LS/ 20% SH.
22:30	00:00	1.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11398.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11,369' - T/11,398' (29' @ 19. 3 FPH) WOB 25/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC RESERVE WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 80% LS/ 20% SH.

Personnel Hours				
Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
SAFETY SOLUTIONS INC	SERVICE HAND	2	24.00	48.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL:

25.00

ft

Rig(s) for today :

Scan Texas

Rig Manager :

ROCKY BROUMLEY

Rig Phone :

432-200-2272

Date and Time of Rig Release :

Days From Rig Release :

0.00

Rig Fax :

Safety

Last BOP Test(F) Date

6/4/2018

Last Csg Date :

Last BOP Drill Date

6/13/2018

Last Fire Drill :

Last Evac Drill :

Last BOP Pressure :

5000.000

psi

Last Csg Pressure :

1500.000

psi

Last Test MW :

0.00

Last Test TVD :

0.00

ft

Last Test Pressure :

0.000

psi

Last Lot Fit :

0.00

Last Spills Reported :

Last Accidents :

Last Safety Meeting :

6/13/2018 18:00

Last Safety Meeting Topic

HEAT / STAYING HYDRATED / SHA

Contacts

Day Sup. :

RAUL BAEZA

Night Sup. :

BRIAN EHRENBURG

Alt. Phone :

Phone :

432-853-7484

Phone :

Superintendent :

SANTOS MOROLES

Geologist :

ALBERT BONDURANT

Drill. Eng. :

BRANNON SMITH

Phone :

432-559-4901

Phone :

205.568.5467

Phone :

432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

14

Report Date :

6/14/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Brine

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	11345.	9.50000	27.00	1	1.00	100.0	11400	0.0	0	0	0.0

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
05	1	9.875	ULTERRA	ULTER		661.00	23.50	28.13	767.00	26.50	28.94	10737.00	11398.00	22.000	186.63	148.22	59.29

BHA Data

For Bit # :

05

Mud Motor : Total Made :

661

ft

Total BHA Hours :

169.5

Total Hours :

23.50

BHA # :

05

DC OD :

8.000

in

DP OD :

5.000

in

BHA Length :

2134.00

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
MUD MOTOR	1	29.70	8.650	0.000	8.650	0.000	6 5/8 REG	Box
NON- MAG COLLAR	1	12.81	7.810	3.260	7.810	0.000	6 5/8 REG	Pin
SUBS	1	1.63	8.010	2.180	8.010	0.000	6 5/8 REG	Pin
SUBS	1	3.74	8.230	3.720	8.230	0.000	6 5/8 REG	Pin
MWD TOOLS	1	8.53	8.210	0.000	8.080	0.000	6 5/8 REG	Pin
GAP SUB	1	3.50	8.080	3.930	7.812	0.000	6 5/8 REG	Pin
NON- MAG COLLAR	1	30.76	8.100	3.250	8.030	0.000	6 5/8 REG	Pin
CROSSOVER SUB	1	4.63	8.030	2.750	8.030	0.000	6 5/8 REG	Pin
DRILLPIPE	36	1131.72	5.000	3.000	5.000	0.000	4 1/2 IF	Pin
HWDP	30	906.98	5.000	2.500	5.000	0.000	4 1/2 IF	Pin

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
05	1	11398.00	22.000	162	20	650	11.00	0.00	310	270	290	1950.0	1650.0	300.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
05	BOMCO	12.000	6.000	65	272.125	BOMCO	12.000	6.000	65	272.125	1500.00	398	184

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
11225.00	BOMCO	200.0	30	BOMCO	200.0	30
11225.00	BOMCO	260.0	40	BOMCO	260.0	40

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 14 Report Date : 6/14/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
11026.00	1.24	178.1	11023.37		-5.12		7.17	6.93	1.12
11074.00	4.48	170.6	11071.31		-7.49		7.50	9.29	6.67
11121.00	7.61	166.2	11118.04		-12.32		8.54	14.22	6.62
11168.00	10.80	164.6	11164.43		-19.59		10.45	21.74	6.70
11215.00	13.94	166.7	11210.33		-29.34		12.94	31.80	6.64
11262.00	16.60	165.2	11255.67		-41.35		15.96	44.16	5.63
11309.00	19.73	164.8	11300.32		-55.49		19.77	58.81	6.56

Hook Loads

Up : 310
Down : 270
Rotating : 290
Torque : 0 Amps
Torque : 12000.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT-N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 280 HRS (11.66 DAYS)

UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EM/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

DAYS SINCE LAST LTA: (1297 DAYS): LAST OSHA RECORDABLE INCIDENT: (534)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 31.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ XXXXX
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 2042 / 15728 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 41 / 601 GALS
CERTARUS CNG (DAILY/ TOTAL) 101 MCF / 2409.96 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3
7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12" (4/5 LOBE, 5.3 STG./253 REV/GAL)
FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. =
2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' //
DEPTH OUT XX,XXX // FTG. DRILLED XXXX // TOTAL DRLG HRS. XX // TOTAL MTR HRS.
XX.X // AVG R.O.P. XX FPH // REASON PULLED = XX// BIT GRADE=X-X-XX-X-X-X

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50" (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 //
TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH //
REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50" (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50" (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50" (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal**Shakers**

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud LogFormation : Background Gas : Trip Calc : Connection Gas : Flare Length : **Well Incident**Report # : Incident Date : Report Date : Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$42,036

Cost to Date : \$935,817

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$1,970,789

Report Information

Report # : 15

Report Date : 6/15/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : POOH L/D 5" DP @ 3500' FLOW CHECK AT 5550'. ABOUT 1/2 FINGER FLOW. BEGAN FORCE FILLING WITH 13.4# MUD ON BACKSIDE.

Ops Forecast : FINISH LDDP / BHA. R /UP SCHLUMBERGER / LOG #1TRIPLE COMBO /LOG #2 SIDE WALL CORES.

24hr. Summary : DRILL 9.875 CRUVE F/11,398'-T/11,820' CASING POINT, (422' @ 22.2 FPH).P/ SWEEP,CIRCULATE 2 BOTTOMS UP/ F/C , P/ 60 BBLS 13.5 KILL MUD /LDDP F/11820' - T /10,005'.

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 11

Progress : 422.00 ft

MD at Report Time : 11820.00 ft

Rig on Location (days) : 15

Est. TD : 21614.60 ft

TVD At Report Time : 11654.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 19.50

Total Drilling Hours : 183.00

Total Hours : 24.00

Time Code : TRIPPING -

Drilling % : 81.25

Rotating % : 20.51

Sliding % : 79.49

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	00:30	0.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11405.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11398,' - T/11,405' (7' @ 14 FPH) WOB 15/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC PITS WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 80% LS/ 20% SH.
00:30	01:00	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11414.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,405' - T/11,414' (9' @ 18 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, CIRC PITS WITH FULL RETURNS, MW 9. 4+ PPG W/ 27 VIS., LITH 75% LS/ 25% SH
01:00	03:30	2.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11452.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11405,' - T/11,452' (7' @ 14 FPH) WOB 15/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC PITS WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 80% LS/ 20% SH.
03:30	04:00	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11461.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,452' - T/11,461' (9' @ 18 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, CIRC PITS WITH FULL RETURNS, MW 9. 4+ PPG W/ 27 VIS., LITH 75% LS/ 25% SH
04:00	06:00	2.00	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11490.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11461,' - T/11,490' (29' @ 14. 5 FPH) WOB 15/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC PITS WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 80% LS/ 20% SH.
06:00	08:30	2.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11546.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11490,' - T/11,546' (56' @ 22. 5 FPH) WOB 15/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC PITS WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 80% LS/ 20% SH.
08:30	09:00	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11555.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,546' - T/11,555' (9' @ 18 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, CIRC PITS RESERVE WITH FULL RETURNS, MW 9. 4+ PPG W/ 27 VIS., LITH 75% LS/ 25% SH
09:00	10:30	1.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11587.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11555,' - T/11,587' (32' @ 23. 3 FPH) WOB 15/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC PITS WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 80% LS/ 20% SH.
10:30	11:00	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11602.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,587' - T/11,602' (15' @ 30 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, PITS WITH FULL RETURNS, MW 9. 4+ PPG W/ 27 VIS., LITH 75% LS/ 25% SH
11:00	12:30	1.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11642.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11602,' - T/11,642' (40' @ 26. 6 FPH) WOB 15/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC PITS WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 80% LS/ 20% SH.
12:30	13:00	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11649.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,642' - T/11,649' (7' @ 14 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, CIRC PITS WITH FULL RETURNS, MW 9. 4+ PPG W/ 27 VIS., LITH 75% LS/ 25% SH
13:00	14:30	1.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11687.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11649,' - T/11,687' (38' @ 25. 3 FPH) WOB 15/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC PITS WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 80% LS/ 20% SH.
										ROT. DRILL 9. 875" INTM 2 CURVE F/11,687' - T/11,696' (9' @ 18

14:30	15:00	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11696.00	FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, CIRC PITS RESERVE WITH FULL RETURNS, MW 9.4+ PPG W/ 27 VIS., LITH 75% LS/ 25% SH
15:00	16:30	1.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11731.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11,696,' - T/11,731' (35' @ 23. 3 FPH) WOB 15/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC PITS WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 80% LS / 20% SH.
16:30	17:00	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11743.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,731' - T/11,743' (12' @ 24 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, CIRC PITS RESERVE WITH FULL RETURNS, MW 9.4+ PPG W/ 27 VIS., LITH 25% LS/ 75% SH
17:00	18:00	1.00	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11777.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11,743,' - T/11,777' (34' @ 34 FPH) WOB 15/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC PITS WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 20% LS / 60% SH / 20% SS
18:00	18:30	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	05	1	11790.00	ROT. DRILL 9. 875" INTM 2 CURVE F/11,777' - T/11,790' (13' @ 26 FPH) WOB 22K, RPM 20, GPM 650, MRPM 162, PP 1950 PSI., DIFF 300 PSI., TQ. 9/ 12K, CIRC PITS RESERVE WITH FULL RETURNS, MW 9.4+ PPG W/ 27 VIS., LITH 25 LS/ 60% SH / 15% SS
18:30	19:30	1.00	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	05	1	11820.00	SLIDE DRILL 9. 875" INTM 2 CURVE F/11,790,' - T/11,820' (30' @ 30 FPH) WOB 15/ 30K, TF / 360M, GPM 650, MRPM 162, SPP 2250 PSI., DIFF 300PSI., CIRC PITS WITH FULL RETURNS, MW 9. 4 PPG W/ 27 VIS , LITH 15% LS / 70% SH / 15% SS (LANDED CURVE)
19:30	21:30	2.00	DRLPRC	07C	C & C MUD - PRIOR TO TRIP	No	05	1	11820.00	CIRCULATE 2 HIGH VIS SWEEPS TO CLEAN HOLE. CALIBUR NO WASHOUT.
21:30	22:00	0.50	DRLPRC	07C	C & C MUD - PRIOR TO TRIP	No	05	1	11820.00	FLOW CHECK/ SLUG PIPE WITH 60 BBLS 13. 4 KILL MUD / FOLLOWED BY 10 BBLS 9. 5 ACTIVE .
22:00	00:00	2.00	DRLPRC	08D	TRIPPING - CASING / LINER	No	05	1	11820.00	LDDP MONTERING WELL ON TRIP TANK F/ 11, 820 - T/10,005 WELL TAKING PROPER FILL

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
SAFETY SOLUTIONS INC	SERVICE HAND	2	24.00	48.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL:

25.00

ft

Rig(s) for today :

Scan Texas

Rig Manager :

ROCKY BROUMLEY

Rig Phone :

432-200-2272

Date and Time of Rig Release :

Days From Rig Release :

0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

6/4/2018

Last BOP Pressure :

5000.000

psi

Last Lot Fit :

0.00

Last Csg Date :

Last Csg Pressure :

1500.000

psi

Last Spills Reported :

Last BOP Drill Date :

6/13/2018

Last Test MW :

0.00

Last Accidents :

Last Fire Drill :

Last Test TVD :

0.00

ft

Last Safety Meeting :

6/14/2018 18:00

Last Evac Drill :

Last Test Pressure :

0.000

psi

Last Safety Meeting Topic :

LAYING DN DP & BHA / TEAM WOR

Contacts

Day Sup. :

RAUL BAEZA

Phone :

432-853-7484

Superintendent :

SANTOS MOROLES

Phone :

432-559-4901

Night Sup. :

BRIAN EHRENBURG

Phone :

Geologist :

ALBERT BONDURANT

Phone :

205.568.5467

Alt. Phone :

Drill. Eng. :

BRANNON SMITH

Phone :

432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

15

Report Date :

6/15/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Brine

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	11820.	9.50000	28.00	1	1.00	8.0	11100	0.0	0	0	0.0

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
05	1	9.875	ULTERRA	ULTER		422.00	19.50	21.64	1189.00	46.00	25.85	11398.00	11820.00	22.000	186.63	148.22	59.29

BHA Data

For Bit # :

05

Mud Motor : Total Made :

422

ft

Total BHA Hours :

191.5

Total Hours :

19.50

BHA # :

05

DC OD :

8.000

in

DP OD :

5.000

in

BHA Length :

2134.00

ft

BHA Weight

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
MUD MOTOR	1	29.70	8.650	0.000	8.650	0.000	6 5/8 REG	Box
NON- MAG COLLAR	1	12.81	7.810	3.260	7.810	0.000	6 5/8 REG	Pin
SUBS	1	1.63	8.010	2.180	8.010	0.000	6 5/8 REG	Pin
SUBS	1	3.74	8.230	3.720	8.230	0.000	6 5/8 REG	Pin
MWD TOOLS	1	8.53	8.210	0.000	8.080	0.000	6 5/8 REG	Pin
GAP SUB	1	3.50	8.080	3.930	7.812	0.000	6 5/8 REG	Pin
NON- MAG COLLAR	1	30.76	8.100	3.250	8.030	0.000	6 5/8 REG	Pin
CROSSOVER SUB	1	4.63	8.030	2.750	8.030	0.000	6 5/8 REG	Pin
DRILLPIPE	36	1131.72	5.000	3.000	5.000	0.000	4 1/2 IF	Pin
HWDP	30	906.98	5.000	2.500	5.000	0.000	4 1/2 IF	Pin

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
05	1	11820.00	22.000	162	20	650	11.00	0.00	310	270	290	1950.0	1650.0	300.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
05	BOMCO	12.000	6.000	65	272.125	BOMCO	12.000	6.000	65	272.125	1500.00	398	184

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
11740.00	BOMCO	240.0	30	BOMCO	220.0	30
11740.00	BOMCO	280.0	40	BOMCO	240.0	40

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 15 Report Date : 6/15/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
11404.00	27.27	164.2	11387.39		-91.92		29.96	96.64	7.88
11451.00	30.95	164.5	11428.45		-113.94		36.13	119.50	7.72
11498.00	35.35	163.6	11467.79		-138.64		43.20	145.19	9.28
11545.00	38.67	164.3	11505.31		-165.82		51.02	173.48	7.02
11592.00	41.98	164.7	11541.14		-195.13		59.14	203.89	6.95
11639.00	45.65	164.1	11575.05		-226.47		67.89	236.42	7.74
11686.00	49.47	163.3	11606.76		-259.74		77.64	271.10	8.11
11733.00	52.67	163.0	11636.29		-294.72		88.27	307.65	6.72
11763.00	54.91	162.9	11654.01		-317.86		95.37	331.85	7.35

Hook Loads

Up : 320
Down : 265
Rotating : 290
Torque : 0 Amps
Torque : 14000.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT-N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 280 HRS (11.66 DAYS)

UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EM/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

DAYS SINCE LAST LTA: (1298 DAYS): LAST OSHA RECORDABLE INCIDENT: (535)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 31.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ XXXXX
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): XXX BBLs / XXXX BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: X BBLs TO CUTTINGS // TOTAL= XXXBBLs
OBM LOST: XXBBLs// TOTAL = XXXX BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: XXXX BBLs TOTAL VOLUME: XXXX BBLs
TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 1451 / 17179 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 41 / 601 GALS
CERTARUS CNG (DAILY/ TOTAL) 101 MCF / 2409.96 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3
7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)
FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. =
2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' //
DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS. 46 //
AVG R.O.P. 25.8 FPH // REASON PULLED = CP // BIT GRADE=X-X-XX-X-X-X

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 //
TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH //
REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal**Shakers**

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud LogFormation : Background Gas : Connection Gas : Flare Length : Trip Calc : **Well Incident**Report # : Incident Date : Report Date : Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost :

\$68,316

Cost to Date :

\$1,004,133

AFE # :

PB18100006

AFE :

\$10,772,650

AFE Cost to Date :

\$2,039,105

Report Information

Report # :

16

Report Date :

6/16/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

RUN SIDEWALL CORE TOOL IN THE HOLE. AND BEGIN CORING. (30 CORES AT 10-15 MINS PER CORE).

Ops Forecast :

FINISH CORING, R/D SCHLUM. WIRELINE AND TOOLS, PULL WEAR BUSHING, R/U CASING CREW, RUN 7 5/8" INTERMEDIATE 2 CASING.

24hr. Summary :

POOH AND L/D BHA. R/U SCHULM. LOGGING TRUCK AND TOOLS. RUN IN HOLE WITH A TRIPLE COMBO/SPECTRAL GAMMA LOG.

Planning Status :

Elevations

GL

2768.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

12

Progress :

0.00

ft

MD at Report Time :

11820.00

ft

Rig on Location (days) :

16

Est. TD :

21614.60

ft

TVD At Report Time :

11654.00

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

0.00

Total Drilling Hours :

183.00

Total Hours :

24.00

Time Code :

LOGGING

Drilling % :

0.00

Rotating % :

0.00

Sliding % :

0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	09:00	9.00	CSGIN2	08D	TRIPPING - CASING / LINER	No	05	1	11820.00	LDDP MONTERING WELL ON TRIP TANK F/ 10,005' - T/ 5550' WELL TAKING PROPER FILL, FLOW CHECK AT 5550', ABOUT 1/ 2 FINGER FLOW, BEGAN FORCE FILLING WITH 13. 4# MUD ON BACKSIDE., 45 STKS / 4. 5 BBLS EVERY 5 STANDS
09:00	10:00	1.00	CSGIN2	08D	TRIPPING - CASING / LINER	No	05	1	11820.00	L/ DN 2 N/ MAG DC' S, MWD TOOL, DRAIN MTR/ BREAK BIT, L/ DN VELOCITY, NON MAG PONY COLLAR, F/ SUB, MTR/ X-Q
10:00	11:00	1.00	CSGIN2	14C	LOGGING - CORRELATION	No	05	1	11820.00	CLEAN AND ORGANIZE R/ FLR WHILE WAIT ON SCHLUMBERGER LOGGING TRUCK.
11:00	13:00	2.00	CSGIN2	14C	LOGGING - CORRELATION	No	05	1	11820.00	HOLD SAFETY MEETING / R/ UP LUBICATOR/ SCHLUMBERGER TRIPPLE COMNO LOGGING TOOL.
13:00	00:00	11.00	CSGIN2	14C	LOGGING - CORRELATION	No	05	1	11820.00	LOG WELL RUN # ONE TRIPPLE COMBO, SPECTRAUL GAMMA LOGGERS TD 11820' / RIG DN TRIPLE COMBO / RIG UP SIDE WALL CORE / RUN IN HOLE & CORE.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
SAFETY SOLUTIONS INC	SERVICE HAND	2	24.00	48.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL:

25.00

ft

Rig(s) for today :

Scan Texas

Rig Manager :

ROCKY BROUMLEY

Rig Phone :

432-200-2272

Date and Time of Rig Release :

Days From Rig Release :

0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

6/4/2018

Last BOP Pressure :

5000.000

psi

Last Lot Fit :

0.00

Last Csg Date :

Last Csg Pressure :

1500.000

psi

Last Spills Reported :

Last BOP Drill Date :

6/13/2018

Last Test MW :

0.00

Last Accidents :

Last Fire Drill :

Last Test TVD :

0.00

ft

Last Safety Meeting :

6/16/2018 18:00

Last Evac Drill :

Last Test Pressure :

0.000

psi

Last Safety Meeting Topic :

WORKING WITH THIRD PARTY.

Contacts

Day Sup. :

RAUL BAEZA

Phone :

432-853-7484

Superintendent :

SANTOS MOROLES

Phone :

432-559-4901

Night Sup. :

BRIAN EHRENBERG

Phone :

Geologist :

ALBERT BONDURANT

Phone :

205.568.5467

Alt. Phone :

Drill. Eng. :

BRANNON SMITH

Phone :

432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

16

Report Date :

6/16/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Brine

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	11820.	9.60000	28.00	1	1.00	9.0	11200	0.0	0	0	0.0

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
05	1	9.875	ULTERRA	ULTER		0.00	0.00	0.00	1189.00	46.00	25.85	11820.00	11820.00	22.000	188.600	148.22	59.91

BHA Data

For Bit # :

05

Mud Motor : Total Made :

0

ft

Total BHA Hours :

191.5

Total Hours :

0.00

BHA # :

DC OD :

8.000

in

DP OD :

5.000

in

BHA Length :

0.00

ft

BHA Weight

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	ID (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
------	-----	-------------	---------	---------	------------------	-----------------	-------------	---------

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
05	1	0.00	22.000	162	20	650	11.00	0.00	310	270	290	1950.0	1650.0	300.0

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
05	BOMCO	12.000	6.000	65	272.125	BOMCO	12.000	6.000	65	272.125	1500.00	398	184

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
11740.00	BOMCO	240.0	30	BOMCO	220.0	30
11740.00	BOMCO	280.0	40	BOMCO	240.0	40

P2 Energy Solutions Alberta, ULC

5.6.2

June 17, 2018 08:02:19

Page 3

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	16	Report Date :	6/16/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	EW	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	320	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT-N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: XXXXX 6/X/18,</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 304 HRS (12.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1299 DAYS): LAST OSHA RECORDABLE INCIDENT: (536)</p>
Down :	265	
Rotating :	290	
Torque :	0 Amps	
Torque :	14000.00 ft lbf	

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 31.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ XXXXX
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 1451 / 17179 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 41 / 601 GALS
CERTARUS CNG (DAILY/ TOTAL) 546 MCF / 3830.30 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3
7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12" (4/5 LOBE, 5.3 STG./253 REV/GAL)
FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. =
2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' //
DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46//
AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 //
TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH //
REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal**Shakers**

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud LogFormation : Background Gas : Connection Gas : Flare Length : Trip Calc : **Well Incident**Report # : Incident Date : Report Date : Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost :

\$111,696

Cost to Date :

\$1,115,829

AFE # :

PB18100006

AFE :

\$10,772,650

AFE Cost to Date :

\$2,150,801

Report Information

Report # :

17

Report Date :

6/17/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

SHUT WELL IN AND LINE UP THROUGH THE KILL LINE AND PUMP 200 BBLs ON BACKSIDE, INDUCE FLOW, CBU, THEN FINISH RIGGING UP CEMENTERS, PJSM, CEMENT 1ST STAGE LEAD AND TAIL, CURRENTLY DISPLACING FIRST STAGE CEMENT.

Ops Forecast :

BUMP PLUG, INFLATE PACKER, THEN DROP BOMB AND OPEN DV TOOL, CBU AND CHECK FOR CEMENT, TEST AGAINST PACKER, IF TEST IS GOOD, PUMP 2ND STAGE CEMENT AND DISPLACE. R/D CEMENTERS, L/D LANDING JNT. INSTALL PACKOFF AND TEST, CLEAN PITS, FILL PITS WITH OBM, TEST BOPS.

24hr. Summary :

CONT. CORING, POOH AND R/D WIRELINE AND TOOLS, R/D LUBRICATOR, PULL WEAR BUSHING, R/U CASING CREW, RUN 7 5/8" CASING, FILL CASING, THEN FILL BACKSIDE AND BEGIN CIRC.

Planning Status :

Elevations

GL

2768.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

13

Progress :

0.00

ft

MD at Report Time :

11820.00

ft

Rig on Location (days) :

17

Est. TD :

21614.60

ft

TVD At Report Time :

11654.00

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

0.00

Total Drilling Hours :

183.00

Total Hours :

24.00

Time Code :

C & C MUD

Drilling % :

0.00

Rotating % :

0.00

Sliding % :

0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	08:00	8.00	CSGIN2	14H	LOGGING - OTHER	No			11820.00	TAG BTM WITH COREING TOOL, THEN BEGAN GETTING SIDEWALL CORES. CONDUCTED SIDEWALL CORING BUT HAD A CORING TOOL FAILURE AT 19 CORES, WERE ABLE TO RECOVER 18 CORES THEN HAD TO SHUT DOWN, SCHLUM. DID NOT HAVE A BACKUP TOOL SO CORING WAS COMPLETED, POOH WITH WIRELINE
08:00	10:00	2.00	CSGIN2	14H	LOGGING - OTHER	No			11820.00	R/ D TOOLS AND WIRELINE UNIT, AND LUBRICATOR
10:00	10:30	0.50	CSGIN2	08A	TRIPPING - BIT/ BHA	No			11820.00	PULL WEAR BUSHING
10:30	12:00	1.50	CSGIN2	15A	RUN CASING - RU/RD EQUIPMENT	No			11820.00	PJSM WITH BUTCHES CASING CREW, WEATHERFORD, AND RIG CREW, THEN R/ U CASING TOOLS, THEN PICKED UP ALL CASING EQUIPMENT TO THE RIG FLOOR.
12:00	22:30	10.50	CSGIN2	15A	RUN CASING - RU/RD EQUIPMENT	No			11820.00	P/ U AND RUN 7 5/ 8" CASING AS FOLLOWS: (1) INNOVEX SHOE (TOP 11803- BTM 11805), THEN (1) JNT 7 5/ 8" 29. 7#, HCP - 110, BTC CASING JNT, THEN (1) INNOVEX FLOAT COLLAR (TOP 11757'- BTM 11758'), THEN RAN 153 JNTS 7 5/ 8" 29. 7#, HCP - 110, BTC CASING, (1) CONTINGENCY BAFFLE PLATE (TOP 5003'- BTM 5003') THEN (2) JNTS 7 5/ 8" 29. 7#, HCP - 110, BTC CASING, THEN (1) WEATHERFORD PACKER (TOP 4896'- BTM 4912'), THEN (1) WEATHERFORD DV TOOL (TOP 4893'- BTM 4896'), THEN (1) PUP JNT (TOP 4895'- BTM 4893'), THEN RAN 108 JNTS 7 5/ 8" 29. 7#, HCP - 110, BTC CASING, THEN (1) CASING HANGER (TOP 31. 28'- BTM 36. 08') THEN LANDING JNT. (6' ABOVE ROTARY).
22:30	00:00	1.50	CSGIN2	15A	RUN CASING - RU/RD EQUIPMENT	No			11820.00	RIG DOWN CASING CREW / PJSM W/ O - TEX / INSTALL CEMENT HEAD / FILL CASING / NO RETURNS.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
SAFETY SOLUTIONS INC	SERVICE HAND	2	24.00	48.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL:

25.00

ft

Rig(s) for today :

Scan Texas

Rig Manager :

ROCKY BROUMLEY

Rig Phone :

432-200-2272

Date and Time of Rig Release :

Days From Rig Release :

0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

6/4/2018

Last BOP Pressure :

5000.000

psi

Last Lot Fit :

0.00

Last Csg Date :		Last Csg Pressure :	1500.000	psi	Last Spills Reported :	
Last BOP Drill Date :	6/17/2018	Last Test MW :	0.00		Last Accidents :	
Last Fire Drill :		Last Test TVD :	0.00	ft	Last Safety Meeting :	6/16/2018 18:00
Last Evac Drill :		Last Test Pressure :	0.000	psi	Last Safety Meeting Topic :	RUNNING CASING/ CEMENTING/

Contacts							
Day Sup. :	RAUL BAEZA	Phone :	432-853-7484	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	BRIAN EHRENBURG	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :				Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 17 Report Date : 6/17/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Mud Data

Mud Engineer : CLAY RICH Mud Type : Brine Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	11820	9.60000	28.00	1	1.00	8.0	11100	0.0	0	0	0.0

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
-------	-------	-----------	------	-------	-----------	--------------------	-------------	-------------------	------------------	----------	------------------	---------------	----------------	-----------------	----------------	------------------------	----------

BHA Data

For Bit # : Mud Motor : Total Made : 0 ft
Total BHA Hours : 191.5 Total Hours : 0.00
BHA # : DC OD : 0.000 in DP OD : 0.000 in BHA Length : 0.00 ft BHA Weight 0.00 M Lbs

Item	Jts	Length (ft)	OD (in)	ID (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
------	-----	-------------	---------	---------	------------------	-----------------	-------------	---------

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
11740.00	BOMCO	240.0	30	BOMCO	220.0	30
11740.00	BOMCO	280.0	40	BOMCO	240.0	40

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	17	Report Date :	6/17/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	EW	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	330000	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS. RIG ON DAYRATE @ 08:00 HRS, 06/04/2018 SPUD WELL @ 6-XX-2018 HRS (67 HR. RIG MOVE) RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A NOTIFIED TRRC: INTERMENT: N/A NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2 NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 328 HRS (13.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1300 DAYS): LAST OSHA RECORDABLE INCIDENT: (537)</p>
Down :	250000	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 31.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,820'
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): XXX BBLS / XXXX BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: X BBLS TO CUTTINGS // TOTAL= XXXBBLS
OBM LOST: XXBBLS// TOTAL = XXXX BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: XXXX BBLS TOTAL VOLUME: XXXX BBLS
TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 510 / 17689 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 28 / 629 GALS
CERTARUS CNG (DAILY/ TOTAL) 152 MCF / 3982.50 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3
7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)
FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. =
2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' //
DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46//
AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 //
TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH //
REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal**Shakers**

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud LogFormation : Background Gas : Connection Gas : Flare Length : Trip Calc : **Well Incident**Report # : Incident Date : Report Date : Problem Name :

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$476,178

Cost to Date : \$1,592,007

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$2,626,979

Report Information

Report # : 18

Report Date : 6/18/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : FINISHED CHANGING OUT KELLEY HOSE. FINISHED TESTING BOPS. FINISHED R/U SOLIDS CONTROL EQUIPMENT.

Ops Forecast : P/U BHA #6 TIH DRLG CEMENT, D/V TOOL, BAFFLE PLATE , T.I.H. TO FLOAT,TEST CSG TO 1500 PSI,DISPLACING HOLE W/12.8 PPG OBM, DRILL SHOE TRACK AND 10' NEW HOLE, FIT TO 14# MUD WT., DRILL 6 3/4" LOWER CURVE.

24hr. Summary : INDUCE FLOW. CIRC. 2X CASING CAP.. CMT IN 2 STAGES. CIRC CMT ON BOTH STAGES.TEST BOP.

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 14

Progress : 0.00 ft

MD at Report Time : 11820.00 ft

Rig on Location (days) : 18

Est. TD : 21614.60 ft

TVD At Report Time : 11654.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 183.00

Total Hours : 24.00

Time Code : TEST BOP

Drilling % : 0.00

Rotating % : 0.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Activity		NPT	Bit #	Run #	Depth (ft)	Remarks
				Time Code	Description					
00:00	03:00	3.00	CSGIN2	07J	C & C MUD - C&C MUD - OTHER	No			11820.00	FILL CSG. SHUT DOWN SWITCHED TO 7 5/8" ANNULUS, PUMP 2890 STKS @ 65 SPM W/ 190 GPM / OF 200 BBLS ACTIVE MUD TO INDUCE FLOW, CSG PRESSURE 0 - 325 PSI, SWITCH BACK TO CEMENT HEAD PUMPING DOWN CASING AND ESTABLISHED CIRCULATION, PUMP 9856 STKS @ 300 GPM W/ 380 PSI BOTH CHOKES 100% OPEN.(CIRCULATE 2 CASING VOLUMES WHILE R/ U C&J E/S CEMENTING EQUIPMENT.
03:00	07:00	4.00	CSGIN2	16B	CEMENTING - PRIMARY	No			11820.00	HOLD JSA W/ ALL CEMENTING AND RIG PERSONNEL, CEMENT 7 5/8" CASING IN 2 STAGES AS FOLLOWS; TEST PUMP/ LINES 6800 PSI (OK), PUMP 20 BFW SPACER F/ B 630 SXS / 331 BBL 50/ 50 POZ HW/ 10% GEL, .6% SMS, .65% O - TS20, .25#/ SX CELLOFLAKE, 5# KOL SEAL, 5% SALT, .75 GAL/ 100 SXS CF - 41L @ 11.30 PPG 2.95 YLD, TAIL W/ 330 SXS / 70 BBLS 100% H W/. 5% FL - 17, .05% C - 51, .2% O - TX20, .75 GAL/ 100 SXS CF - 41L @ 15.6 PPG 1.19 YLD, MIX & PUMP @ 8 - 4 BPM @ 525 - 400 - 300 PSI. SHUT DOWN DROP PLUG, DISPLACE CMT W/ 539 BBLS CUT BRINE / ACTIVE MUD @ 8 - 4 BPM LIFT 1100 PSI, DID NOT BUMPED PLUG WENT 5 BBLS OVER STILL NO BUMP, CHECKED FLOATS (GOOD) DROP CONTINGENCY CONE PRESSURE UP TO 2081PSI / INFLATE ACP STAGEING W/ PSI AS FOLLOWS 2402 , 2697,(2920 / 2774) 3485 , RELEASED PRESSURE ,
07:00	08:30	1.50	CSGIN2	39A	OTHER - OTHER	No			11820.00	DROP DV TOOL OPENING BOMB. WHILE BOMB DROPPED TEST PACKER TO 500 PSI (HELD GOOD), SHIFTED DV TOOL @ 914 PSI, CIRCULATED 0 BBLS CEMENT OFF DV TOOL, PREP TO CEMENT SECOND STAGE.
08:30	10:00	1.50	CSGIN2	16B	CEMENTING - PRIMARY	No			11820.00	PUMP SECOND STAGE CEMENT JOB AS FOLLOWS : PUMP 20BBL FW SPACER F/ B 370 SXS (192 BBLS) 50/ 50 POZ CLASS C W/ 10% GEL, .6% SMS, .+ .3% O - TX20, + 5% SALT + 0.75 - GAL/ 100 - SX CF - 41L @ 11.30 PPG 2.92 YLD, TAIL W/ 95 SXS (22 BBLS) 100% CLASS C + 0.15% O - TX20 + 0.75 - GAL/ 100 - SXCF - 41L W/. 5% FL @ 14.8 PPG 1.33 YLD, MIX & PUMP @ 8 - 4 BPM @ 280 PSI. SHUT DOWN DROP PLUG, DISPLACE CMT W/ 222 BBLS FRESH WATER @ 8 - 4 BPM @ 677 - 960 - 1212 - 1287 PSI, BUMPED & CLOSED DV @ 2570 PSI (FINAL LIFT 1079 PSI) BLED BACK 3 BBLS (OK) NOTE : CIRCULATED 25 BBLS OF CEMENT TO SURFACE
10:00	10:30	0.50	CSGIN2	16A	CEMENTING - RU/RD EQUIPMENT	No			11820.00	RIG DOWN CEMENTERS / PUMP THROUGH BOP AND CHOKE. W/ SUGAR WATER.
10:30	12:00	1.50	CSGIN2	22B	TEST BOPE - OTHER	No			11820.00	BACK OUT LANDING JOINT// INSTALL PACK OFF AND TEST TO 3500 PSI. TEST GOOD// L/ O LANDING JOINT
12:00	13:30	1.50	CSGIN2	39A	OTHER - OTHER	No			11820.00	CHANGE OUT BURN SUB / DIE BLOCKS / STABBING GUIDE ON TOP DRIVE.
13:30	21:30	8.00	CSGIN2	22B	TEST BOPE - OTHER	No			11820.00	SAFETY MEETING WITH MONAHANS TESTER. R/ U TESTER AND INSTALL TEST PLUG. TEST BOPS 8500 PSI HIGH, 250 LOW. 2500 PSI ON HYDRIL, 6500 PSI BACK TO PUMPS.(WHILE TESTING BOPS WASHING OUT MUD TANKS TO PREPARE FOR OBM AND RIGGING UP SOLIDS CONTROL EQUIPMENT.
21:30	00:00	2.50	CSGIN2	22B	TEST BOPE - OTHER	Yes			11820.00	WHILE TESTING KELLY HOSE BUSTED W/ 4400 PSI / 4" VALVE ON STAND PIPE / CHANGE OUT THE SAME.

Page 1

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
SAFETY SOLUTIONS INC	SERVICE HAND	2	24.00	48.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL

25.00

ft

Rig(s) for today :

Scan Texas

Rig Manager :

ROCKY BROUMLEY

Rig Phone :

432-200-2272

Date and Time of Rig Release :

Days From Rig Release :

0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

6/19/2018

Last BOP Pressure :

8500.000

psi

Last Lot Fit :

14.00

Last Csg Date :

6/19/2018

Last Csg Pressure :

1500.000

psi

Last Spills Reported :

Last BOP Drill Date :

6/17/2018

Last Test MW :

0.00

Last Accidents :

Last Fire Drill :

Last Test TVD :

0.00

ft

Last Safety Meeting :

6/18/2018 18:00

Last Evac Drill :

Last Test Pressure :

0.000

psi

Last Safety Meeting Topic :

HIG PSI LINES/ TESTING BOPS

Contacts

Day Sup. :

RAUL BAEZA

Phone :

432-853-7484

Superintendent :

SANTOS MOROLES

Phone :

432-559-4901

Night Sup. :

BRIAN EHRENBURG

Phone :

Geologist :

ALBERT BONDURANT

Phone :

205.568.5467

Alt. Phone :

Drill. Eng. :

BRANNON SMITH

Phone :

432-818-1777

Attachments

Daily Attachment Folder(s)

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

18

Report Date :

6/18/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

Mud Type :

Brine

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	20:00	11820	9.40000	28.00	1	1.00	100.0	10800	0.0	0	0	0.0

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
-------	-------	-----------	------	-------	-----------	--------------------	-------------	-------------------	------------------	----------	------------------	---------------	----------------	-----------------	----------------	------------------------	----------

BHA Data

For Bit # :

Mud Motor : Total Made :

0

ft

Total BHA Hours :

194.5

Total Hours :

0.00

BHA # :

DC OD :

0.000

in

DP OD :

0.000

in

BHA Length :

0.00

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	ID (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
------	-----	-------------	---------	---------	------------------	-----------------	-------------	---------

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	240.0	30	BOMCO	220.0	30
0.00	BOMCO	280.0	40	BOMCO	240.0	40

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	18	Report Date :	6/18/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 352 HRS (14.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1301 DAYS): LAST OSHA RECORDABLE INCIDENT: (538)</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 6 HRS. / 37.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805'
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): XXX BBLs / XXXX BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: X BBLs TO CUTTINGS // TOTAL= XXXBBLs
OBM LOST: XXBBLs// TOTAL = XXXX BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: XXXX BBLs TOTAL VOLUME: XXXX BBLs
TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 569 / 17820 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 0 / 887 GALS
CERTARUS CNG (DAILY/ TOTAL) 0 MCF / 3982.50 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3
7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)
FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. =
2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' //
DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46//
AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 //
TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH //
REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal**Shakers**

Shaker #	Bottom	Middle	Top	
----------	--------	--------	-----	--

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)	
------	---------	-----------------------------	-------------------------------	--------------------------------	--

Mud LogFormation : Background Gas : Trip Calc : Connection Gas : Flare Length : **Well Incident**Report # : Incident Date : Report Date : Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$84,846

Cost to Date : \$1,656,447

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$2,691,419

Report Information

Report # : 19

Report Date : 6/19/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : DRILL 10' OF NEW FORMATION F/ 11,820 T/ 11,830 / PREFORM FIT TEST W/ EQUIVILENT MW OF 14.5(CURRENT MW 13.1PPG TEST PRESSURE)ROT/SLIDE DRILL 6.75" PRODUCTION CURVE F/11,830' T/11,895'.

Ops Forecast : DRILL AND LAND 6.75' PRODUCTION CURVE TOWARDS 90°/ CIR BTMS UP/ POOH FOR RSS

24hr. Summary : FINISHED CHANGING OUT KELLY HOSE, FINISHED TESTING BOPS, FINISHED R/U SOLIDS CONTROL EQUIPMENT// INSTALL WEAR BUSHING// PICK UP BHA #6// TIH T/ 4790// CUT AND SLIP DRILL LINE// INSTALL ROTAING RUBBER// DRILL OUT CEMENT, DV TOOL, AND BAFFLE PLATE. TIH T/11,763. TAGGED CEMENT/ DRILL OUT CEMENT, FLOAT COLLAR, SHOE TRACK

Planning Status :

Elevations

GL 2768.00

ft

Reserve Pit Freeboard : 0.00

ft

Progress

Days from Spud : 15

Progress : 0.00

ft

MD at Report Time : 11820.00

ft

Rig on Location (days) : 19

Est. TD : 21614.60

ft

TVD At Report Time : 11711.92

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00

ft

Drilling Hours : 4.50

Total Drilling Hours : 187.50

Total Hours : 24.00

Time Code : DRILLING -

Drilling % : 18.75

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	06:00	6.00	CSGIN2	39A	OTHER - OTHER	No			11820.00	INSTALLED NEW KELLY HOISE/ RIGGED UP BACK YARD FOR OIL BASE AND SOLIDS CONTROL EQUIPMENT. TRANSFER OIL BASE TO PITS
06:00	07:00	1.00	CSGIN2	22A	TEST BOPE - TEST BOPE	No			11820.00	CONDUCT FINAL TEST BACK TO THE PUMPS, RIG DOWN TESTER AND INSTALL WEAR BUSHING AND LOCK DOWN 2 DAWGS
07:00	09:30	2.50	CSGIN2	08A	TRIPPING - BIT/ BHA	No	06	1	11820.00	PICK UP, MU, SCRIBE AND TEST BHA #6 AS FOLLOWS : BIT #6, 6.75" / HALIBURTON GTD63C S/ N # 12948625 W/ -6 - 16' S = TFA 1.1781 // 5.37" PHOENIX/ NOV FXD. MUD MOTOR SET @ 1.75" (6/7 LOBE, 6.4 STG./ 80 REV/ GAL) FLOAT SUB, // NMPC// XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339 JTS 4.5" DP // 30 JNTS HWDP = TOTAL LGTH. = 11,642.99.
09:30	10:00	0.50	CSGIN2	10A	LUB RIG - DAILY SERVICE	No	06	1	11820.00	RIG SERVICE
10:00	12:30	2.50	CSGIN2	08A	TRIPPING - BIT/ BHA	No	06	1	11820.00	TIH F/ SURFACE T/4, 785'
12:30	13:00	0.50	CSGIN2	39A	OTHER - OTHER	No	06	1	11820.00	INSTALL ROTATING HEAD
13:00	14:00	1.00	CSGIN2	12A	SLIP & CUT DRLG LINE - LINE	No	06	1	11820.00	CUT AND SLIP 95' OF DRILL LINE AND RECALIBRATE BLOCKS
14:00	17:30	3.50	CSGIN2	02F	DRILLING - CMNT IN CASING/ SHOE	No	06	1	11820.00	TAG CEMENT @ 4,876' DRILL CEMENT F/4, 876' T/4, 888', TAG DV TOOL @ 4, 888' DRILL OUT DV TOOL. TAG UP BAFFLE PLATE @ 4, 998' DRILL OUT BAFFLE PLATE
17:30	21:00	3.50	CSGIN2	08A	TRIPPING - BIT/ BHA	No	06	1	11820.00	TIH FILLING UP EVERY 30 STDS F/4, 888' T/ 10, 590'
21:00	21:30	0.50	CSGIN2	08A	TRIPPING - BIT/ BHA	No	06	1	11820.00	PICK UP 30 JOINTS OF 4.5" HWDP
21:30	22:00	0.50	CSGIN2	02F	DRILLING - CMNT IN CASING/ SHOE	No	06	1	11820.00	TAG CEMENT @ 11,643', DRILL CEMENT F/ 11,643' T/ T/11,743', RPM- 20 GPM - 200 5 - 10 WOB (GOOD HARD CEMENT) TAG FLOAT COLLAR @ 11,743'.
22:00	22:30	0.50	CSGIN2	23A	TESTING - CASING PRESSURE TEST	No	06	1	11820.00	TEST CASING 1500 PSI FOR 30 MINS (GOOD TEST)
22:30	23:30	1.00	CSGIN2	07G	C & C MUD - DISPLACE MUD	No	06	1	11820.00	DISPLACE HOLE W/ 13.1 PPG OBM
23:30	00:00	0.50	CSGIN2	02F	DRILLING - CMNT IN CASING/ SHOE	No	06	1	11820.00	DRILL OUT SHOE TRACK, FLOAT COLLAR @ 11,743', (GOOD HARD CEMENT), AND SHOE @ 11,787' WOB 5 - 10, RPM - 20, GPM - 200.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	2	24.00	48.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
SAFETY SOLUTIONS INC	SERVICE HAND	2	24.00	48.00

Rig Information

KB Elevation:	2793.00	ft	KB To GL :	25.00	ft
Rig(s) for today :	Scan Texas		Rig Manager :	ROCKY BROUMLEY	
Date and Time of Rig Release :			Days From Rig Release :	0.00	
				Rig Phone :	432-200-2272
				Rig Fax :	

Safety						
Last BOP Test(F) Date :	6/19/2018	Last BOP Pressure :	8500.000	psi	Last Lot Fit :	14.50
Last Csg Date :	6/19/2018	Last Csg Pressure :	1500.000	psi	Last Spills Reported :	
Last BOP Drill Date :	6/17/2018	Last Test MW :	13.10		Last Accidents :	
Last Fire Drill :		Last Test TVD :	11654.00	ft	Last Safety Meeting :	6/19/2018 18:00
Last Evac Drill :		Last Test Pressure :	846.000	psi	Last Safety Meeting Topic :	PICKING UP BHA

Contacts							
Day Sup. :	RAUL BAEZA	Phone :	432-853-7484	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	JEREMY GRAY	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :				Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

19

Report Date :

6/19/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:50	11820.	13.10000	86.00	16	25.00	0.0	45000	421.0	75	25	3.0

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
06	1	6.750	HALLIBURT	GTD63		0.00	4.50	0.00	4.50	0.00	11820.0	11820.0	0.000	0.000	0.00	0.00	

BHA Data

For Bit # :

06

Mud Motor : Total Made :

0

ft

Total BHA Hours :

200.0

Total Hours :

4.50

BHA # :

06

DC OD :

4.750

in

DP OD :

4.500

in

BHA Length :

11641.99

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
MUD MOTOR	1	25.75	5.370	0.000	5.370	0.000	3.5 IF	Box
FLOAT SUB	1	2.70	4.780	2.250	4.780	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.86	4.710	2.750	4.710	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	14.84	4.780	2.750	4.780	0.000	3.5 IF	Pin
SUBS	1	1.64	4.740	2.750	4.740	0.000	3.5 IF	Pin
SUBS	1	3.43	5.170	0.000	5.170	0.000	3.5 IF	Pin
MWD TOOLS	1	8.34	5.210	0.000	5.210	0.000	3.5 IF	Pin
GAP SUB	1	3.78	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	26.31	4.510	2.750	4.510	0.000	3.5 IF	Pin
CROSSOVER SUB	1	3.50	5.400	3.000	5.400	0.000	CET 43	Pin
DRILLPIPE	339	10630.71	4.500	3.000	4.500	0.000	CET 43	Pin
HWDP	30	913.13	4.500	3.000	4.500	0.000	CET 43	Pin

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
06	1	11820.00	0.000	0	0	0	0.00	0.00	0	0	0	0.0	0.0	0.0

Pump Data

Bit #	Pump 1					Pump 2								
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)	
06	BOMCO	12.000	5.000	0	0.000	BOMCO	12.000	5.000	0	0.000	0.00	0	0	

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	240.0	30	BOMCO	220.0	30
0.00	BOMCO	280.0	40	BOMCO	240.0	40

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	19	Report Date :	6/19/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	EW	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 376 HRS (15.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1302 DAYS): LAST OSHA RECORDABLE INCIDENT: (539)</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): X HRS. / 37.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT
COLLAR @11,743. SHOE @11,787)
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): XXX BBLs / XXXX BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: X BBLs TO CUTTINGS // TOTAL= XXXBBLs
OBM LOST: XXBBLs// TOTAL = XXXX BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :XX BBL// TOTAL XXXX-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: XXXX BBLs
TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 771 / 18,591 GALS
MUD DIESEL (DAILY/TOTAL): XXX/ XX,XXXGALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 84 / 971 GALS
CERTARUS CNG (DAILY/ TOTAL) 0 MCF / 3982.50 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO
BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. =
2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' //
DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46//
AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 //
TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH //
REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"

NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWD = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Trip Calc :

Connection Gas :

Flare Length :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$74,395

Cost to Date : \$1,737,764

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$2,772,736

Report Information

Report # : 20

Report Date : 6/20/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : ROT/SLIDE DRILL 6.75" PRODUCTION LATERAL F/12.404' T/12.583' MW 12.8PPG DRILLING DOWN FLOW LINE NO GAINS NO LOSSES

Ops Forecast : DRILL TO FIT RSS TOOL, THEN CBU, SLUG & POOH FOR RSS TOOL/ PICK UP BHA#/ TIH/ DRILL 6.75" PRODUCTION LATERAL

24hr. Summary : DRILL 10' NEW HOLE, PREFORM FIT, 14.5# EQUIVILENT MW(ACTIVE MUD WT 13.1)ROT/SLIDE DRILL 6.75" PRODUCTION CURVE F/11,895' T/12,347' .(452' @19.9 FPH) LANDED CURVE @ 12,347', 90° TVD 11,793.57', ROT. DRILL F/12,347' T/12,404'

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 16

Progress : 584.00 ft

MD at Report Time : 12404.00 ft

Rig on Location (days) : 20

Est. TD : 21614.60 ft

TVD At Report Time : 11793.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 23.50

Total Drilling Hours : 211.00

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 97.92

Rotating % : 57.45

Sliding % : 42.55

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	01:00	1.00	CSGIN2	02E	DRILLING - CEMENT IN OPEN HOLE	No	06	1	11820.00	DRILL CEMENT F/ 11,800' T/ 11,820' SPM - 68 GPM - 200 RPM - 20 WOB-5 - 10K
01:00	01:30	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	11830.00	ROT. DRILL 6.75" PRODUCTION CURVE F/ 11,820' - T/ 11,830' (10' @ 20 FPH) WOB 15K, RPM 20, GPM 200, MRPM 160, PP 2, 100 PSI., DIFF 400 PSI., TQ. 3K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
01:30	02:00	0.50	DRLPRC	23B	TESTING - FIT	No	06	1	11830.00	SPACE OUT, CLOSE TOP PIPE RAMS, PREFORM FIT TEST W/ EQUIVLENT MW OF 14. 5 PPG(TEST MW 13. 1 TEST PSI 846) GOOD TEST. BLEED OFF PRESSURE, OPEN TOP PIPE RAMS AND LINE UP CHOKES FOR SOFT SHUT IN
02:00	04:00	2.00	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	06	1	11856.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/ 11,830' - T/ 11,856' (10' @ 20 FPH) WOB 25K, TF: 25R, GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., TQ. DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
04:00	04:30	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	11876.00	ROT 6.75" PRODUCTION CURVE F/ 11,856' - T/ 11,876' (20' @ 40 FPH) WOB 25K, RPM - 20 , GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
04:30	06:00	1.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	06	1	11900.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/ 11,876' - T/ 11,900' (24' @ 16 FPH) WOB 25K, TF: 25R, GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., TQ. DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
06:00	07:00	1.00	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	11923.00	ROT 6.75" PRODUCTION CURVE F/ 11,900' - T/ 11,923' (23' @ 23 FPH) WOB 22K, RPM - 20 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
07:00	08:00	1.00	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	06	1	11946.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/ 11,923' - T/ 11,946' (23' @ 23 FPH) WOB 25K, TF: HS, GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
08:00	09:00	1.00	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	11970.00	ROT 6.75" PRODUCTION CURVE F/ 11,946' - T/ 11,970' (24' @ 24 FPH) WOB 22K, RPM - 20 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
09:00	10:00	1.00	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	06	1	11985.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/ 11,970' - T/ 11,985' (15' @ 15 FPH) WOB 25K, TF: 10L, GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
10:00	11:00	1.00	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	12017.00	ROT 6.75" PRODUCTION CURVE F/ 11,985' - T/ 12,017' (32' @ 32 FPH) WOB 22K, RPM - 20 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
11:00	12:00	1.00	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	06	1	12032.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/ 12,017' - T/ 12,032' (15' @ 15 FPH) WOB 25K, TF: 10L, GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
										ROT 6.75" PRODUCTION CURVE F/ 12,032' - T/ 12,064' (32' @ 32

12:00	12:30	0.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	12064.00	FPH) WOB 22K, RPM - 20 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
12:30	13:30	1.00	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	06	1	12082.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/12,064' - T/12,082' (18' @ 18 FPH) WOB 25K, TF: 10L , GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
13:30	14:30	1.00	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	12111.00	ROT 6.75" PRODUCTION CURVE F/12,082' - T/12,111' (29' @ 29 FPH) WOB 22K, RPM - 20 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
14:30	15:00	0.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	06	1	12124.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/12,111' - T/12,124' (13' @ 26 FPH) WOB 25K, TF: 10L , GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
15:00	16:00	1.00	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	12158.00	ROT 6.75" PRODUCTION CURVE F/12,124' - T/12,158' (34' @ 34 FPH) WOB 22K, RPM - 20 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
16:00	16:30	0.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	06	1	12168.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/12,158' - T/12,168' (10' @ 20 FPH) WOB 25K, TF: 10L , GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
16:30	17:30	1.00	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	12206.00	ROT 6.75" PRODUCTION CURVE F/12,168' - T/12,206' (38' @ 38 FPH) WOB 22K, RPM - 20 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
17:30	18:00	0.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	06	1	12214.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/12,206' - T/12,214' (8' @ 16 FPH) WOB 25K, TF: 10L , GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
18:00	19:30	1.50	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	12253.00	ROT 6.75" PRODUCTION CURVE F/12,214' - T/12,253' (39' @ 39 FPH) WOB 22K, RPM - 20 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
19:30	20:00	0.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	06	1	12270.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/12,253' - T/12,270' (17' @ 36 FPH) WOB 25K, TF: 10L , GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
20:00	21:00	1.00	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	12300.00	ROT 6.75" PRODUCTION CURVE F/12,270' - T/12,300' (30' @ 30 FPH) WOB 22K, RPM - 20 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
21:00	21:30	0.50	DRLPRC	02M	DRILLING - DRILLING - SLIDING	No	06	1	12318.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/12,300' - T/12,318' (18' @ 36 FPH) WOB 25K, TF: 45L , GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
21:30	22:30	1.00	DRLPRC	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	2230.00	ROT 6.75" PRODUCTION CURVE F/12,300' - T/12,347' (47' @ 47 FPH) WOB 22K, RPM - 20 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS. (LANDED CURVE @ 90°, 162. 5 AZ, TVD 11, 794
22:30	23:30	1.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	12395.00	ROT 6.75" PRODUCTION LATERAL F/12,347' - T/12,395' (48' @ 47 FPH) WOB 22K, RPM - 20 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
23:30	00:00	0.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	12404.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/12,395' - T/12,404' (9' @ 18 FPH) WOB 25K, TF: 135L , GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	2	24.00	48.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL:

25.00

ft

Rig(s) for today :

Scan Texas

Rig Manager :

TRENT VAUGHT

Rig Phone :

432-200-2272

Date and Time of Rig Release :

Days From Rig Release :

0.00

Rig Fax :

Safety

Last BOP Test(F) Date:

6/19/2018

Last BOP Pressure :

8500.000

psi

Last Lot Fit :

14.50

Last Csg Date :

6/19/2018

Last Csg Pressure :

1500.000

psi

Last Spills Reported :

Last BOP Drill Date :

6/17/2018

Last Test MW :

13.10

Last Accidents :

Last Fire Drill :

Last Test TVD :

11654.00

ft

Last Safety Meeting :

6/20/2018 18:00

Last Evac Drill :

Last Test Pressure :

846.000

psi

Last Safety Meeting Topic:

HEAT STRESS

Contacts

Day Sup. :

RAUL BAEZA

Phone :

432-853-7484

Superintendent :

SANTOS MOROLES

Phone :

432-559-4901

Night Sup. :

JEREMY GRAY

Phone :

Geologist :

ALBERT BONDURANT

Phone :

205.568.5467

Alt. Phone :

Drill. Eng. :

BRANNON SMITH

Phone :

432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

20

Report Date :

6/20/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	21:54	12248.	12.80000	65.00	13	25.00	0.0	42000	502.0	74	26	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
06	1	6.750	HALLIBURT	GTD63		584.00	23.50	24.85	584.00	28.00	20.86	11820.00	12404.00	20.000	58.125	71.26	8.88

BHA Data

For Bit # :

06

Mud Motor : Total Made :

584

ft

Total BHA Hours :

223.5

Total Hours :

23.50

BHA # :

06

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11641.99

ft

BHA Weight

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
MUD MOTOR	1	25.75	5.370	0.000	5.370	0.000	3.5 IF	Box
FLOAT SUB	1	2.70	4.780	2.250	4.780	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.86	4.710	2.750	4.710	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	14.84	4.780	2.750	4.780	0.000	3.5 IF	Pin
SUBS	1	1.64	4.740	2.750	4.740	0.000	3.5 IF	Pin
SUBS	1	3.43	5.170	0.000	5.170	0.000	3.5 IF	Pin
MWD TOOLS	1	8.34	5.210	0.000	5.210	0.000	3.5 IF	Pin
GAP SUB	1	3.78	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	26.31	4.510	2.750	4.510	0.000	3.5 IF	Pin
CROSSOVER SUB	1	3.50	5.400	3.000	5.400	0.000	CET 43	Pin
DRILLPIPE	339	10630.71	4.500	3.000	4.500	0.000	CET 43	Pin
HWDP	30	913.13	4.500	3.000	4.500	0.000	CET 43	Pin

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
06	1	12404.00	20.000	209	20	262	9000.00	6000.00	210	185	200	2800.0	2400.0	400.0

Pump Data

Bit #	Pump 1					Pump 2								
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)	
06	BOMCO	12.000	5.000	90	261.658	BOMCO	12.000	5.000	0	0.000	0.00	312	253	

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
12300.00	BOMCO	840.0	30	BOMCO	0.0	0
12300.00	BOMCO	1060.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 20 Report Date : 6/20/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	EW	EW (ft)	Vertical Section (ft)	Dog Leg
11861.00	62.65	164.8	11704.66		-398.42		118.47	415.66	7.54
11908.00	66.99	165.2	11724.65		-439.50		129.47	458.17	9.13
11955.00	70.72	165.3	11741.60		-481.88		140.63	501.98	7.81
12002.00	73.45	165.2	11756.06		-525.12		152.02	546.68	5.72
12049.00	76.84	164.9	11768.11		-569.01		163.75	592.09	7.14
12096.00	80.36	165.0	11777.39		-613.48		175.74	638.15	7.37
12144.00	83.31	165.2	11784.21		-659.39		187.97	685.64	6.07
12191.00	85.57	166.0	11788.76		-704.70		199.60	732.39	5.03
12238.00	87.04	167.2	11791.79		-750.32		210.46	779.23	3.97
12285.00	88.75	165.3	11793.52		-795.94		221.61	826.14	5.32
12333.00	91.16	165.0	11793.56		-842.34		233.91	874.12	5.00

Hook Loads

Up : 210
Down : 185
Rotating : 200
Torque : 0 Amps
Torque : 8000.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT: N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 400 HRS (16.66 DAYS)

UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARDBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

DAYS SINCE LAST LTA: (1303 DAYS): LAST OSHA RECORDABLE INCIDENT: (540)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): X HRS. / 37.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT
COLLAR @11,743. SHOE @11,787)
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 41 BBLs / 41 BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: 21 BBLs TO CUTTINGS // TOTAL= 21BBLs
OBM LOST: 20BBLs// TOTAL = 20 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :51 BBL// TOTAL 51-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: XXXX BBLs
TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 1427 / 20,018 GALS
MUD DIESEL (DAILY/TOTAL): 1574/ 1,574GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 141 / 1112 GALS
CERTARUS CNG (DAILY/ TOTAL) 0 MCF / 3982.50 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO
BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. =
2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' //
DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46//
AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 //
TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH //
REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"

NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWD = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Trip Calc :

Connection Gas :

Flare Length :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # : 21

Report Date : 6/21/2018

Financials

Daily Cost : \$114,449

Cost to Date : \$1,852,213

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$2,887,185

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : PUMP 60BBLS 15.1PPG SLUG, POOH DUE TO MWD FAILURE F/12,659' T/BHA MONTORING WELL ON TRIP TANK, PJSM AND CHECKED TOOLS FOR A POSSIBLE BATTERYEXPLOSION WITH HEAT GUN, (ALL GOOD) CONT. BREAKING DOWN BHA AT REPORT TIME.

Ops Forecast : FINISH POOH/ CHANGE OUT MWD/ INSPECT TOOLS/ TIH/ DRILL 6.75 PRODUCTION LATERAL TOWARDS ETD 21.614'

24hr. Summary : DRILL TO FIT RSS TOOL, THEN CBU, SLUG & POOH FOR RSS TOOL/ PICK UP BHA#7/ TIH/ DRILL 6.75 LATERAL F/12,583' T/12,659'. TROUBLE SHOOT 450PSI OFF BOTTOM PRESSURE SPIKE. MWD NOT WORKING. PREP TO POOH DUE TO MWD FAILURE

Planning Status :

Elevations

GL 2768.00

ft

Reserve Pit Freeboard : 0.00

ft

Progress

Days from Spud : 17

Progress : 255.00

ft

MD at Report Time : 12659.00

ft

Rig on Location (days) : 21

Est. TD : 21614.60

ft

TVD At Report Time : 11794.00

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00

ft

Drilling Hours : 5.50

Total Drilling Hours : 216.50

Total Hours : 24.00

Time Code : TROUBLE

Drilling % : 22.92

Rotating % : 54.55

Sliding % : 45.45

Start Time	End Time	Hours	Phase	Activity		NPT	Bit #	Run #	Depth (ft)	Remarks
				Time Code	Description					
00:00	00:30	0.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	06	1	12419.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/ 12,404' - T/ 12,419' (15' @ 18 FPH) WOB 25K, TF: 135L , GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
00:30	02:00	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	06	1	12500.00	ROT 6.75" PRODUCTION LATERAL F/ 12,419' - T/ 12,500' (81' @ 54 FPH) WOB 22K, RPM - 50 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
02:00	03:00	1.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	06	1	12515.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/ 12,500' - T/ 12,515' (15' @ 15 FPH) WOB 25K, TF: 135L , GPM 260, MRPM 208, PP 2, 600 PSI., DIFF 300 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
03:00	04:00	1.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	06	1	12583.00	ROT 6.75" PRODUCTION LATERAL F/ 12,515' - T/ 12,583' (68' @ 68 FPH) WOB 22K, RPM - 50 , GPM 260, MRPM 208, PP 2, 550 PSI., DIFF 300 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
04:00	05:30	1.50	DRLPRL	07C	C & C MUD - PRIOR TO TRIP	No	06	1	12583.00	CIRCULATE BTMS UP
05:30	06:30	1.00	DRLPRL	08A	TRIPPING - BIT/ BHA	No	06	1	12583.00	FLOW CHECK, NO FLOW. POOH WET TO SHOE @ 11, 787. PULLED GOOD THROUGH CURVE. NO ISSUES PUMP 60BBLS OF 15.0PPG SLUG
06:30	10:30	4.00	DRLPRL	08A	TRIPPING - BIT/ BHA	No	06	1	12583.00	CONTINUE POOH F/ 11, 787" T/ DIRECTIONAL TOOLS W/ NO ISSUES MONITORING WELL ON TRIP TANKS WELL TAKING PROPER FILL
10:30	11:30	1.00	DRLPRL	08A	TRIPPING - BIT/ BHA	No	06	1	12583.00	LAY DOWN NMDC, PULL MWD TOOL, DRAIN MOTOR, BREAK BIT. LAY OUT MOTOR, FLOAT SUB, PONY SUB AND VELOCITY. BIT GRADE 1-2-CT-S-I-WT - BHA
11:30	13:30	2.00	DRLPRL	08A	TRIPPING - BIT/ BHA	No	07	1	12583.00	PICK UP AS FOLLOWS: BHA # 7: BIT # 7 6.75" / HALIBURTON GTD64D S/ N # 12921370 W/ -6- 15'S = TFA 1.03// RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH/ (6/ 7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC// XO// 339+ JTS 4.5" DP// 30 JNTS HWDP= TOT. LGTH. = 11, 658.62// BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61" // DEPTH IN 12, 583'. TIH F/ XXXXX SURFACE T/ XXXXX MONITORING RETURNS ON TRIP
13:30	19:30	6.00	DRLPRL	08A	TRIPPING - BIT/ BHA	No	07	1	12583.00	TIH F/ SURFACE T/ 12, 583' FILLING UP EVERY 30STDs MONITORING DISPLACEMENT ON TRIP TANK
19:30	20:00	0.50	DRLPRL	39A	OTHER - OTHER	No	07	1	12583.00	FILL PIPE AND DOWNLINK POWER DRIVE
20:00	21:30	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	07	1	12659.00	RSS DRILL 6.75" PRODUCTION LATERAL F/ 12,583' - T/ 12,659' (76' @ 50.6 FPH) WOB 10K, RPM - 50 , GPM 232, MRPM 186, PP 3100 PSI., DIFF 400 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
21:30	00:00	2.50	DRLPRL	35I	TROUBLE - EF - MWD	Yes	07	1	12659.00	TROUBLE SHOOT MWD. 450 PRESSURE INCREASE OFF BOTTOM. RACKED STAND BACK AND CHECK DRILL PIPE SCREEN. SCREEN WAS OK EXCEPT FOR FEW SMALL PIECES OF ROCKS. MADE STAND BACK UP. PRESSURE STARTED BLEEDING OFF SLOWLY BUT STILL NEVER CAME BACK TO OFF BOTTOM PRESSURE

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

21

Report Date :

6/21/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	00:05	12583.	12.70000	74.00	12	22.00	0.0	44000	487.0	75	25	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
07	1	6.750	HALLIBURT	GT64D		76.00	1.50	50.67	76.00	1.50	50.67	12404.0	12659.0	15.000	68.168	77.47	9.95

BHA Data

For Bit # :

07

Mud Motor : Total Made :

255

ft

Total BHA Hours :

230.5

Total Hours :

1.50

BHA # :

07

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11657.62

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
DRILLING SYSTEMS	1	14.59	5.370	0.000	5.370	0.000	3.5 IF	Box
CROSSOVER SUB	1	1.89	4.780	2.250	4.780	0.000	3.5 IF	Pin
SUBS	1	3.43	4.710	2.750	4.710	0.000	3.5 IF	Pin
SUBS	1	8.35	4.780	2.750	4.780	0.000	3.5 IF	Pin
GAP SUB	1	3.76	4.740	2.750	4.740	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	14.84	5.170	0.000	5.170	0.000	3.5 IF	Pin
STABILIZERS	1	5.79	5.210	0.000	5.210	0.000	3.5 IF	Pin
SUBS	1	3.07	5.130	0.000	5.130	0.000	3.5 IF	Pin
CROSSOVER SUB	1	2.25	4.510	2.750	4.510	0.000	3.5 IF	Pin
MUD MOTOR	1	25.76	5.400	3.000	5.400	0.000	CET 43	Pin
FLOAT SUB	1	2.70	4.500	3.000	4.500	0.000	CET 43	Pin
NON- MAG COLLAR	1	26.31	4.500	3.000	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	4.500	0.000	CET 43	Pin
DRILLPIPE	339	10630.71	4.500	3.000	4.500	0.000	CET 43	Pin
HWDP	30	910.67	4.500	3.000	4.500	0.000	CET 43	Pin

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
07	1	12659.00	15.000	200	50	250	6500.00	3500.00	210	185	200	3330.0	2880.0	450.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
07	BOMCO	12.000	5.000	86	250.029	BOMCO	12.000	5.000	0	0.000	2880.00	298	242

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
30.00	BOMCO	880.0	30	BOMCO	0.0	0
40.00	BOMCO	1180.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			

Report Information		Operations	
Report # :	21	Report Date :	6/21/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
12427.00	88.16	159.9	11794.12		-931.92		262.24	968.06	6.14
12521.00	90.30	165.5	11795.38		-1021.62		290.19	1062.00	6.21
12575.00	91.62	165.1	11794.47		-1073.84		303.91	1115.97	2.49

Hook Loads		Comments	
Up :	210	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 424 HRS (17.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1304 DAYS): LAST OSHA RECORDABLE INCIDENT: (541)</p>	
Down :	185		
Rotating :	200		
Torque :	0 Amps		
Torque :	6500.00 ft lbf		

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 2.5 HRS. / 40 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @ 11,643, FLOAT
COLLAR @ 11,743. SHOE @ 11,787)
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 12 BBLS / 53 BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: 12 BBLS TO CUTTINGS // TOTAL= 33BBLS
OBM LOST: XXBBLS// TOTAL = 20 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :37 BBL// TOTAL 88-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2615 BBLS
TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 992 / 21,010 GALS
MUD DIESEL (DAILY/TOTAL): 802/ 1,574GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 109 / 2023 GALS
CERTARUS CNG (DAILY/ TOTAL) 0 MCF / 3982 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O,
LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O,
PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC //
XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62// BIT TO SURVEY 26.00" //
BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL
DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD
FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./80 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO
BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-
CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. =
2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' //
DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46//
AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 //
TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH //
REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
REASON PULLED =P-RATE // BIT GRADE=6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4

STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	--------------------------	----------------------------	-----------------------------

Mud Log

Formation :	<input type="text"/>	Connection Gas :	<input type="text" value="282"/>	Flare Length :	<input type="text" value="N/A"/>
Background Gas :	<input type="text" value="310"/>				
Trip Calc :	<input type="text"/>				

Well Incident

Report # :	<input type="text"/>	Incident Date :	<input type="text"/>	Report Date :	<input type="text"/>
Problem Name :	<input type="text"/>				

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost :

\$115,511

Cost to Date :

\$1,967,724

AFE # :

PB18100006

AFE :

\$10,772,650

AFE Cost to Date :

\$3,002,696

Report Information

Report # :

22

Report Date :

6/22/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

PROGRAM NEW TOOL/ INSTALL TOOL/ CHANGE JETS IN BIT/ TEST POWER DRIVE/ TIH/ 2010'

Ops Forecast :

PROGRAM NEW TOOL/ INSTALL TOOL/ CHANGE JETS IN BIT/ TEST POWER DRIVE/ TIH/ RSS DRILL 3.74 LATERAL TOWARDS 21.614

24hr. Summary :

POOH TROUBLE SHOOT 450PSI OFF BOTTOM PRESSURE SPIKE. MWD NOT WORKING. POOH DUE TO MWD FAILURE. FOUND MWD BATTERY HAD BLOWED UP/ CHANGE OUT ALL TOOLS, RERUN BIT/ TIH TO SHOE, CUT DRILL LINE/ TIH TO BTM. DRILL 4" HAD PRESSURE SPIKE. POOH FOR PRESSURE SPIKE WET/ FOUND MWD BATTERY RUPTURED/ CLEAR FLOOR/ SAFETY MEETING W/ PHX AND CREWS ABOUT THE SAFEST WAY TO LAY DOWN TOOL DECIDED TO LEAVE TOOL IN CARRIER AND LAY OUT.

Planning Status :

Elevations

GL

2768.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

18

Progress :

4.00

ft

MD at Report Time :

12663.00

ft

Rig on Location (days) :

22

Est. TD :

21614.60

ft

TVD At Report Time :

0.00

ft

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

0.50

Total Drilling Hours :

217.00

Total Hours :

48.00

Time Code :

Drilling % :

1.04

Rotating % :

100.00

Sliding % :

0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	00:30	0.50	DRLPRL	35I	TROUBLE - EF - MWD	Yes	07	1	12659.00	PUMP 60BBLS SLUG AND CHASE W/ 10BBLS ACTIVE
00:30	05:00	4.50	DRLPRL	08H	TRIPPING - TOOLS	Yes	07	1	12659.00	POOH DUE TO MWD FAILURE F/ 12, 659 T/ BHA MONITORING WELL ON TRIP TANK
05:00	06:00	1.00	DRLPRL	08H	TRIPPING - TOOLS	Yes	07	1	12659.00	HOLD SAFETY MEETING WITH PHOENIX PRIOR TO LAYING DOWN DUE IN CASE OF BATTERY EXPLOSION
06:00	08:30	2.50	DRLPRL	08H	TRIPPING - TOOLS	Yes	07	1	12659.00	WHILE PULLING MWD TOOL, NOTICED THAT ONE OF THE BATTERYS HAD EXPLODED. CLEARED RIG AND MET UP AT MUSTER POINT. HELD SAFETY MEETING WITH PHONIEX UPPER MANAGMENT AND RIG HANDS. REMOVED MWD FROM TOOL AND SET BEHIND RESERVE PIT
08:30	09:00	0.50	DRLPRL	08H	TRIPPING - TOOLS	Yes	07	1	12659.00	LAY DOWN MWD TOOL CARRIER, BREAK BIT, AND LAY DOWN RSS (BIT GRADE 0- 1. GREEN BIT WILL RERUN)
09:00	10:00	1.00	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	07	2	12659.00	PICK UP BHA # 8 AS FOLLOWS:: RERUN BIT # 7 6. 75" / HALIBURTON GTD64D S/ N # 12921370 W/ -6- 15' S = TFA 1.03// RSS, X/ O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/ O, PHX MUD MOTOR 513 24XH(6/ 7 LOBE 6. 4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO// 339+ JTS 4. 5" DP // 30 JNTS HWDP = TOT. LGTH. = 11, 657. 41// BIT TO SURVEY 26. 00" // BIT TO GAMMA 22. 61'
10:00	15:00	5.00	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	07	2	12659.00	TIH F/ SURFACE T/ 11, 751' FILLING UP EVERY 30STDS MONITORING DISPLACEMENT ON TRIP TANK
15:00	16:00	1.00	DRLPRL	08A	TRIPPING - BIT/ BHA	No	07	2	12659.00	CUT AND SLIP 60' OF DRILL LINE
16:00	16:30	0.50	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	07	2	12659.00	TIH F/ 11, 751 T/ 11, 12, 506' FILLING UP EVERY 30STDS MONITORING DISPLACEMENT ON TRIP TANK
16:30	16:30	24.00	DRLPRL	04B	REAMING - PRECAUTIONARY	Yes	07	2	12659.00	DOWNLINK RSS TOOL. REAMF/ 12, 506' T/ 12, 659' WOB: 4 SPM: 86 RPM- 50
16:30	17:00	0.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	07	2	12663.00	RSS DRILL 6. 75" PRODUCTION LATERAL F/ 12, 659' - T/ 12, 663' (4' @ 8 FPH) WOB 10K, RPM - 50 , GPM 232, MRPM 186, PP 3100 PSI., DIFF 400 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
17:00	18:00	1.00	DRLPRL	35I	TROUBLE - EF - MWD	Yes	07	2	12663.00	PRESSURE SPIKE. TROUBLE SHOOT PRESSURE SPIKE.(NOTE : 25SPM 3, 600PSI)
18:00	23:00	5.00	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	07	2	12663.00	POOH DUE TO PRESSURE SPIKE F/ 12, 663 T/ BHA MONITORING WELL ON TRIP TANK
23:00	00:00	1.00	DRLPRL	35I	TROUBLE - EF - MWD	Yes	07	2	12663.00	STARTED LAYING DOWN BHA. SOUR SMELL COMING FROM MWD CARRIER. CLEAR RIG FLOOR AND WENT TO MUSTER POINT. HAVE SAFETY MEETING W/ PHX MWD AND DIRECTIONAL DRILLER ABOUT THE SAFEST WAY TO LAY OUT TOOL. DECIDE TO LEAVE TOOL IN CARRIER AND LAY OUT CARRIER

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	2	24.00	48.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00

PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00

Rig Information

KB Elevation:2793.00ft

KB To GL:25.00ft

Rig(s) for today :Scan Texas

Rig Manager :TRENT VAUGHT

Rig Phone :432-200-2272

Date and Time of Rig Release :

Days From Rig Release :0.00

Rig Fax :

Safety

Last BOP Test(F) Date:6/19/2018

Last BOP Pressure :8500.000psi

Last Lot Fit :14.50

Last Csg Date :6/19/2018

Last Csg Pressure :1500.000psi

Last Spills Reported :

Last BOP Drill Date :6/17/2018

Last Test MW :13.10

Last Accidents :

Last Fire Drill :

Last Test TVD :11654.00ft

Last Safety Meeting :6/21/2018 18:00

Last Evac Drill :

Last Test Pressure :846.000psi

Last Safety Meeting Topic :TRIPPING PIPE

Contacts

Day Sup. :RAUL BAEZA

Phone :432-853-7484

Superintendent :SANTOS MOROLES

Phone :432-559-4901

Night Sup. :JEREMY GRAY

Phone :

Geologist :ALBERT BONDURANT

Phone :205.568.5467

Alt. Phone :

Drill. Eng. :BRANNON SMITH

Phone :432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

22

Report Date :

6/22/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:41	12663.	12.80000	70.00	14	21.00	0.0	45000	512.0	75	25	7.4

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	H-HP (HP)
07	2	6.750	HALLIBURT	GT64D		4.00	0.50	8.00	4.00	0.50	8.00	12659.0	12663.0	15.000	68.705	77.47	10.03

BHA Data

For Bit # :

07

Mud Motor : Total Made :

4

ft

Total BHA Hours :

255.0

Total Hours :

0.50

BHA # :

08

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11657.41

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
DRILLING SYSTEMS	1	13.78	5.370	0.000	5.370	0.000	3.5 IF	Box
CROSSOVER SUB	1	1.64	4.780	2.250	4.780	0.000	3.5 IF	Pin
SUBS	1	3.43	4.710	2.750	4.710	0.000	3.5 IF	Pin
SUBS	1	8.34	4.780	2.750	4.780	0.000	3.5 IF	Pin
GAP SUB	1	3.78	4.740	2.750	4.740	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	14.84	5.170	0.000	5.170	0.000	3.5 IF	Pin
STABILIZERS	1	5.79	5.210	0.000	5.210	0.000	3.5 IF	Pin
SUBS	1	3.07	5.130	0.000	5.130	0.000	3.5 IF	Pin
CROSSOVER SUB	1	2.25	4.510	2.750	4.510	0.000	3.5 IF	Pin
MUD MOTOR	1	25.60	5.400	3.000	5.400	0.000	CET 43	Pin
FLOAT SUB	1	2.70	4.500	3.000	4.500	0.000	CET 43	Pin
NON- MAG COLLAR	1	26.31	4.500	3.000	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	4.500	0.000	CET 43	Pin
DRILLPIPE	339	10630.71	4.500	3.000	4.500	0.000	CET 43	Pin
HMWP	30	910.67	4.500	3.000	4.500	0.000	CET 43	Pin

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
07	2	12663.00	15.000	200	50	250	6500.00	3500.00	210	185	200	3330.0	2880.0	450.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
07	BOMCO	12.000	5.000	86	250.029	BOMCO	12.000	5.000	0	0.000	2880.00	298	242

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	880.0	30	BOMCO	0.0	0
0.00	BOMCO	1180.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	22	Report Date :	6/22/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	EW	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	210	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 448 HRS (18.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1305 DAYS): LAST OSHA RECORDABLE INCIDENT: (542)</p>
Down :	185	
Rotating :	200	
Torque :	0 Amps	
Torque :	6500.00 ft lbf	

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 22.5HRS. / 62.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT
COLLAR @11,743. SHOE @11,787)
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 8 BBLs / 61 BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: XX BBLs TO CUTTINGS // TOTAL= 33 BBLs
OBM LOST: 8 BBLs// TOTAL = 28 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :6 BBL// TOTAL 94-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2615 BBLs
TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 605 / 21,615 GALS
MUD DIESEL (DAILY/TOTAL): 118/ 1,692GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 27 / 2050 GALS
CERTARUS CNG (DAILY/ TOTAL) 495 MCF / 4474 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 //
RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN
SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT
SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41.// BIT TO
SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG.
DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON
PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O,
LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O,
PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC //
XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62.// BIT TO SURVEY 26.00" //
BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL
DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD
FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./80 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO
BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-
CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. =
2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' //
DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46//
AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA
1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8
LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING
SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP =
TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' //
DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 //
TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH //
REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT
 SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND
 6.70 // BIT TO SURVEY 55' // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' //
 FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH //
 REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:
 RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4
 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
 CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT.
 LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH
 IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR
 HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON
 PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
 NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
 NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
 FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
 REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :			
Background Gas :	Connection Gas :	Flare Length :	
Trip Calc :			

Well Incident

Report # :	Incident Date :	Report Date :
Problem Name :		

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # : 23

Report Date : 6/23/2018

Financials

Daily Cost : \$125,933

Cost to Date : \$2,093,657

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$3,128,629

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : FINISH PICKING UP BHA#10 ONCE CABLE ARRIVE TO BE ABLE TO SURFACE TEST MWD TOOL/ TEST MWD TOOL(GOOD TEST)/ TIH FILLING UP EVERY 30STDS/ RECORD PRESSURE READING BEFORE AGGITATOR/ PICK UP AGGITATOR/ RECORD PRESSURE READING AFTER AGGITATOR/ CONTNUE TIH MONTORING DISPLACEMENT ON TRIP TANK

Ops Forecast : TIH W/ BHA #10/ CONVENTIONAL DRILL 6.75 LATERAL TOWARDS 21.614'

24hr. Summary : FOUND MWD BATTERY RUPTURED/ CLEAR FLOOR/ SAFETY MEETING W/ PHX AND CREWS ABOUT THE SAFEST WAY TO LAY DOWN TOOL DECIDED TO LEAVE TOOL IN CARRIER AND LAY OUT RSS TOOLS/ P/U BHA #10/ WAIT ON PHX MWD TO GO GET CABLE TO BE ABLE TO SURFACE TEST MWD TOOL

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 19

Progress : 2.00 ft

MD at Report Time : 12665.00 ft

Rig on Location (days) : 23

Est. TD : 21614.60 ft

TVD At Report Time : 11794.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 1.00

Total Drilling Hours : 218.00

Total Hours : 24.00

Time Code : WAITING -

Drilling % : 4.17

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLPRL	35H	TROUBLE - EF - MOTOR FAILURE	Yes	07	2	12663.00	HAVE SAFETY MEETING, MASK UP AND LAY DOWN MWD CARRIER AND SET OFF SIDE OF LOCATION. REBUILD MWD TOOL
03:00	04:00	1.00	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	07	3	12663.00	PICK UP BHA#9 AS FOLLOWS: BHA#9: RERUN BIT # 7 6. 75" / HALIBURTON GTD64D S/ N # 12921370 W/ -6- 12' S= TFA. 66// RSS, X/ O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/ O, PHX MUD MOTOR 513 24XH(6/ 7 LOBE 6. 4 STAGE ADJ SLICK SLEEVE, FLOAT SUB, // NMDC// XO// 339+ JTS 4. 5" DP// 30 JNTS HWDP= TOT. LGTH. = 11, 656. 55// BIT TO SURVEY 25. 00" // BIT TO GAMMA 21. 55. TEST POWER DRIVE AND MWD TOOL (OK)
04:00	07:30	3.50	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	07	3	12663.00	TIH T/6, 700' FILLING UP EVERY 30STDS MONITORING DISPLACEMENT ON TRIP TANK
07:30	08:00	0.50	DRLPRL	10A	LUB RIG - DAILY SERVICE	No	07	3	12663.00	RIG SERVICE
08:00	10:30	2.50	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	07	3	12663.00	TIH F/6, 700' T/ 12, 663 FILLING UP EVERY 30STDS MONITORING DISPLACEMENT ON TRIP TANK
10:30	11:00	0.50	DRLPRL	39A	OTHER - OTHER	Yes	07	3	12663.00	DOWNLINK POWER DRIVE
11:00	12:00	1.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	07	3	12665.00	RSS DRILL 6. 75" PRODUCTION LATERAL F/ 12, 663' - T/ 12, 665' (5 @ 30 FPH) WOB 10K, RPM - 50 , GPM 232, MRPM 186, PP 3100 PSI., DIFF 400 PSI., TQ. 5K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
12:00	12:30	0.50	DRLPRL	35I	TROUBLE - EF - MWD	Yes	07	3	12665.00	TROUBLE SHOOT PRESSURE SPIKE. PREPARE TO POOH WET
12:30	17:30	5.00	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	07	3	12665.00	POOH DUE TO PRESSURE SPIKE F/ 12, 665 T/ BHA MONITORING WELL ON TRIP TANKS
17:30	18:00	0.50	DRLPRL	35I	TROUBLE - EF - MWD	Yes	07	3	12665.00	BREAK OFF CROSSOVER, L/ D NMDC. SHUT DOWN DUE TO SMELL OFF BUSTED MWD BATTERY
18:00	20:00	2.00	DRLPRL	35I	TROUBLE - EF - MWD	Yes	07	3	12665.00	SAFETY MEETING W/ RIG HANDS AND PHX MWD AND DIRECTIONAL HAND ON SAFEST WAY TO LAY DOWN BHA. MASK UP AND FINISH LAYING DOWN BHA LEAVING MWD TOOL IN CARRIER. BREAK OFF BIT AND LAY DOWN POWER DRIVE
20:00	22:00	2.00	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	08	1	12665.00	PICK UP BHA# 10 AS FOLLOWS: BIT # 8 - 6. 750" HALLIBURTON MMD64D SER# 12958844 W/ 6- 16S TFA= 1. 17// 5" PHOENIX/ NOV FBH MUD MOTOR SET @ 1. 75° (6/ 7 LOBE, 6. 4 STG., . 80 REV/ GAL) // FLOAT SUB // 4. 75" NMPC// MULE SHOE // 4. 75" SLICK NONMAG// 4. 75" NONMAG// 4. 75" NMDC// X- OVER= 3 1/ 2" IF X CET43// 105 JOINTS DP// X- OVER= CET 43 X XT 39// SHOCK SUB// 5" NOV AGITATOR // X- OVER= XT39 X CET 43// 234 JTS DP// 30 JNTS HWDP= TOT. LGTH. = 11, 677. 74// BIT TO BEND 4. 89' // BIT TO SURVEY 70' // BIT TO GAMMA 55. 23' // DEPTH IN 12, 665'
22:00	00:00	2.00	DRLPRL	28D	WAITING - 3RD - PTY EQUIPMENT	Yes	08	1	12665.00	PROGRAM MWD TOOL AND WAIT ON PHX TO GO GET CABLE TO BE ABLE TO SURFACE TEST MWD TOOL

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
--------	-------------	------------------	---------------	-------------

INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	2	24.00	48.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL:

25.00

ft

Rig(s) for today :

Scan Texas

Rig Manager :

TRENT VAUGHT

Rig Phone :

432-200-2272

Date and Time of Rig Release :

Days From Rig Release :

0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

6/19/2018

Last BOP Pressure :

8500.000

psi

Last Lot Fit :

14.50

Last Csg Date :

6/19/2018

Last Csg Pressure :

1500.000

psi

Last Spills Reported :

Last BOP Drill Date :

6/17/2018

Last Test MW :

13.10

Last Accidents :

Last Fire Drill :

Last Test TVD :

11654.00

ft

Last Safety Meeting :

6/21/2018 18:00

Last Evac Drill :

Last Test Pressure :

846.000

psi

Last Safety Meeting Topic :

TRIPPING PIPE

Contacts

Day Sup. :

RAUL BAEZA

Phone :

432-853-7484

Superintendent :

SANTOS MOROLES

Phone :

432-559-4901

Night Sup. :

JEREMY GRAY

Phone :

Geologist :

ALBERT BONDURANT

Phone :

205.568.5467

Alt. Phone :

Drill. Eng. :

BRANNON SMITH

Phone :

432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UW	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	23	Report Date :	6/23/2018
------------	----	---------------	-----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer : CLAY RICH					Mud Type : Oil Base Mud					Polymer Type :			
Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)	
1	20:33	12665	12.80000	70.00	14	22.00	0.0	45000	520.0	75	25	7.2	

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
07	2	6.750	HALLIBURTON	GT64D		0.00	0.00	0.00	4.00	0.50	8.00	12659.00	12663.00	15.000	68.705	77.47	10.03
07	3	6.750	HALLIBURTON	GT64D		2.00	1.00	2.00	2.00	1.00	2.00	12663.00	12665.00	0.000	68.705	77.47	10.03
08	1	6.750	HALIBURTON	MMD64		0.00	0.00	0.00	0.00	0.00	0.00	12665.00	12665.00	0.000	0.000	0.00	0.00

BHA Data

For Bit # : 07

Mud Motor : Total Made : 4 ft

Total BHA Hours : 256.0

Total Hours : 0.00

BHA # : 07

DC OD : 4.750 in

DP OD : 4.500 in

BHA Length : 11657.62 ft

BHA Weight 0.00 M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
DRILLING SYSTEMS	1	14.59	5.370	0.000	5.370	0.000	3.5 IF	Box
CROSSOVER SUB	1	1.89	4.780	2.250	4.780	0.000	3.5 IF	Pin
SUBS	1	3.43	4.710	2.750	4.710	0.000	3.5 IF	Pin
SUBS	1	8.35	4.780	2.750	4.780	0.000	3.5 IF	Pin
GAP SUB	1	3.76	4.740	2.750	4.740	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	14.84	5.170	0.000	5.170	0.000	3.5 IF	Pin
STABILIZERS	1	5.79	5.210	0.000	5.210	0.000	3.5 IF	Pin
SUBS	1	3.07	5.130	0.000	5.130	0.000	3.5 IF	Pin
CROSSOVER SUB	1	2.25	4.510	2.750	4.510	0.000	3.5 IF	Pin
MUD MOTOR	1	25.76	5.400	3.000	5.400	0.000	CET 43	Pin
FLOAT SUB	1	2.70	4.500	3.000	4.500	0.000	CET 43	Pin
NON- MAG COLLAR	1	26.31	4.500	3.000	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	4.500	0.000	CET 43	Pin
DRILLPIPE	339	10630.71	4.500	3.000	4.500	0.000	CET 43	Pin
HWDP	30	910.67	4.500	3.000	4.500	0.000	CET 43	Pin

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
07	2	0.00	15.000	200	50	250	6500.00	3500.00	210	185	200	3330.0	2880.0	450.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
07	BOMCO	12.000	5.000	86	250.029	BOMCO	12.000	5.000	0	0.000	2880.00	266	242
07	BOMCO	12.000	5.000	86	250.029	BOMCO	12.000	5.000	0	0.000	0.00	266	242
08	BOMCO	12.000	5.000	0	0.000	BOMCO	12.000	5.000	0	0.000	0.00	0	0

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	880.0	30	BOMCO	0.0	0
0.00	BOMCO	1180.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	23	Report Date :	6/23/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	EW	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 472 HRS (19.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1306 DAYS): LAST OSHA RECORDABLE INCIDENT: (543)</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 23.5.5HRS. / 86 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT
COLLAR @11,743. SHOE @11,787)
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 0 BBLs / 61 BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: XX BBLs TO CUTTINGS // TOTAL= 33 BBLs
OBM LOST: XX BBLs// TOTAL = 28 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :X BBL// TOTAL 94-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2615 BBLs
TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 471 / 22,086 GALS
MUD DIESEL (DAILY/TOTAL): 0/ 1,692GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 75 / 2125 GALS
CERTARUS CNG (DAILY/ TOTAL) 756 MCF / 5230 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17// 5"
PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT
SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG// 4.75' NONMAG// 4.75" NMDC // X-
OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 //SHOCK SUB// 5" NOV
AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. =
11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN
12,665'

BHA #9: RERUN BIT #7 6.75" // (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N
#12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY
COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4
STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP =
TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659'
DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG
R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 //
RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN
SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT
SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO
SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG.
DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON
PULLED = / PP SPIKE/ MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O,
LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O,
PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC //
XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00" //
BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL
DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD
FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./80 REV/GAL) FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO
BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-
CT-S-I-WT-BHA

BHA #5: BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'. BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS. 46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	--------------------------	----------------------------	-----------------------------

Mud Log

Formation :			
Background Gas :			Connection Gas : <input type="text"/>
Trip Calc :			Flare Length : <input type="text"/>

Well Incident

Report # :	<input type="text"/>	Incident Date :	<input type="text"/>	Report Date :	<input type="text"/>
Problem Name :	<input type="text"/>				

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$69,741

Cost to Date : \$2,163,398

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$3,198,370

Report Information

Report # : 24

Report Date : 6/24/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : ROT/SLIDE 6.75 PRODUCTION LATERAL F/13.401' T/13.585' (184' @ 31.4 FPH). MW 12.8 DRILLING DOWN FLOWLINE

Ops Forecast : CONVENTIONAL DRILL 6.75 LATERAL TOWARDS 21.614'

24hr. Summary : FINISH PICKING UP BHA#10 ONCE CABLE ARRIVE TO BE ABLE TO SURFACE TEST MWD TOOL/ TEST MWD TOOL(GOOD TEST)/ TIH FILLING UP EVERY 30STDS/ RECORD PRESSURE READING BEFORE AGGITATOR/ PICK UP AGGITATOR/ RECORD PRESSURE READING AFTER AGGITATOR/ CONTNUE TIH MONITORING DISPLACEMENT ON TRIP TANK. ROT/SLIDE 6.75 PRODUCTION LATERAL F/12,665 T/13,401 (736 @ 32FPH) MW 12.8 DRILLING DOWN FLOWLINE

Planning Status :

Elevations

GL 2768.00

ft

Reserve Pit Freeboard : 0.00

ft

Progress

Days from Spud : 20

Progress : 736.00

ft

MD at Report Time : 13401.00

ft

Rig on Location (days) : 24

Est. TD : 21614.60

ft

TVD At Report Time : 11788.00

ft

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00

ft

Drilling Hours : 17.50

Total Drilling Hours : 235.50

Total Hours : 24.00

Time Code : DRILLING -

Drilling % : 72.92

Rotating % : 80.00

Sliding % : 20.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	01:00	1.00	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	08	1	12665.00	FINISH PICKING UP BHA # 10
01:00	03:30	2.50	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	08	1	12665.00	TIH F/ SURFACE T/3, 522, FILL UP PIPE AND PICK UP AGGITATOR. (PRESSURE READING BEFORE AGGITATOR 1450, PRESSURE READING AFTER AGGITATOR 2000. DOWNLINK MWD TOOL
03:30	06:30	3.00	DRLPRL	08A	TRIPPING - BIT/ BHA	Yes	08	1	12665.00	CONTINUE TIH / 3, 522 T/ 12, 665' FILLING UP EVERY 30 STANDS MONITORING RETURNS ON TRIP TANK
06:30	09:30	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	12771.00	ROT 6. 75" PRODUCTION LATERAL F/12,665' - T/12,771' (106' @ 35. 3 FPH) WOB 15K, RPM- 50 , GPM 275, MRPM 220, PP 3, 600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
09:30	12:00	2.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	12904.00	ROT 6. 75" PRODUCTION LATERAL F/12,771' - T/12,904' (133' @ 53. 2 FPH) WOB 15K, RPM- 50 , GPM 275, MRPM 220, PP 3, 600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
12:00	14:00	2.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	13006.00	ROT 6. 75" PRODUCTION LATERAL F/12,904' - T/13,006' (102' @ 51 FPH) WOB 15K, RPM- 50 , GPM 275, MRPM 220, PP 3, 600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
14:00	14:30	0.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	13021.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/13,006' - T/13,021' (15' @ 30 FPH) WOB 25K, TF: 35R, GPM 275, MRPM 220, PP 3, 500 PSI., DIFF 550 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
14:30	19:30	5.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	13281.00	ROT 6. 75" PRODUCTION LATERAL F/13,021' - T/13,281' (260' @ 52 FPH) WOB 15K, RPM- 50 , GPM 275, MRPM 220, PP 3, 600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
19:30	20:30	1.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	13291.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/13,281' - T/13,291' (10' @ 10 FPH) WOB 25K, TF: 50R, GPM 275, MRPM 220, PP 3, 500 PSI., DIFF 550 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
20:30	22:00	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	13375.00	ROT 6. 75" PRODUCTION LATERAL F/13,291' - T/13,375' (84' @ 56 FPH) WOB 15K, RPM- 50 , GPM 275, MRPM 220, PP 3, 600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
22:00	00:00	2.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	13401.00	SLIDE DRILL 6.75" PRODUCTION CURVE F/13,375' - T/13,401' (26' @ 13 FPH) WOB 25K, TF: 30R, GPM 275, MRPM 220, PP 3, 500 PSI., DIFF 550 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	2	24.00	48.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00

AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00

Rig Information

KB Elevation:2793.00ft

KB To GL :25.00ft

Rig(s) for today :Scan Texas

Rig Manager :TRENT VAUGHT

Rig Phone :432-200-2272

Date and Time of Rig Release :

Days From Rig Release :0.00

Rig Fax :

Safety

Last BOP Test(F) Date :6/19/2018

Last BOP Pressure :8500.000psi

Last Lot Fit :14.50

Last Csg Date :6/19/2018

Last Csg Pressure :1500.000psi

Last Spills Reported :

Last BOP Drill Date :6/17/2018

Last Test MW :13.10

Last Accidents :

Last Fire Drill :

Last Test TVD :11654.00ft

Last Safety Meeting :6/24/2018 18:00

Last Evac Drill :

Last Test Pressure :846.000psi

Last Safety Meeting Topic :FORKLIFT OPS

Contacts

Day Sup. :RAUL BAEZA

Phone :432-853-7484

Superintendent :SANTOS MOROLES

Phone :432-559-4901

Night Sup. :JEREMY GRAY

Phone :

Geologist :ALBERT BONDURANT

Phone :205.568.5467

Alt. Phone :

Drill. Eng. :BRANNON SMITH

Phone :432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

24

Report Date :

6/24/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	22:05	13185.	12.90000	60.00	14	24.00	0.0	43000	510.0	74	26	7.6

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
08	1	6.750	HALIBURTON	MMD64		736.00	17.50	42.06	736.00	17.50	42.06	12665.00	13401.00	18.000	63.902	74.42	10.19

BHA Data

For Bit # :

08

Mud Motor : Total Made :

736

ft

Total BHA Hours :

273.5

Total Hours :

17.50

BHA # :

10

DC OD :

4.750

in

DP OD :

4.500

in

BHA Length :

11677.74

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
MUD MOTOR	1	25.85	5.370	0.000	5.370	0.000	3.5 IF	Box
FLOAT SUB	1	2.70	4.780	2.250	4.780	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	14.84	4.710	2.750	4.710	0.000	3.5 IF	Pin
SUBS	1	3.25	4.780	2.750	4.780	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	29.20	4.740	2.750	4.740	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	26.31	5.170	0.000	5.170	0.000	3.5 IF	Pin
CROSSOVER SUB	1	3.50	5.210	0.000	5.210	0.000	3.5 IF	Pin
DRILLPIPE	105	3291.36	5.130	0.000	5.130	0.000	3.5 IF	Pin
CROSSOVER SUB	1	3.81	4.510	2.750	4.510	0.000	XT-39	Pin
AGITATOR	1	11.19	5.400	3.000	5.400	0.000	XT-39	Box
SHOCK SUB	1	10.90	4.500	3.000	4.500	0.000	XT-39	Box
CROSSOVER SUB	1	3.81	4.500	3.000	4.500	0.000	CET-43	Pin
DRILLPIPE	234	7339.35	4.500	3.000	4.500	0.000	CET 43	Pin
HWDP	30	910.67	4.500	3.000	4.500	0.000	CET 43	Pin

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
08	1	13401.00	18.000	220	50	275	9000.00	4000.00	210	185	200	3850.0	3400.0	450.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
08	BOMCO	12.000	5.000	94	273.288	BOMCO	12.000	5.000	0	0.000	3600.00	291	265

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
13375.00	BOMCO	1060.0	30	BOMCO	0.0	0
13375.00	BOMCO	1320.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 24 Report Date : 6/24/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
12739.00	90.48	165.9	11792.81		-1232.43		345.60	1279.89	0.93
12834.00	89.66	164.4	11792.69		-1324.25		369.98	1374.85	1.72
12928.00	89.66	163.7	11793.25		-1414.64		395.77	1468.85	0.70
13022.00	91.29	166.5	11792.47		-1505.48		419.87	1562.80	3.39
13116.00	91.23	165.2	11790.40		-1596.62		442.79	1656.71	1.37
13211.00	90.14	162.6	11789.26		-1687.88		469.13	1751.69	2.98
13305.00	90.92	159.8	11788.39		-1776.83		499.48	1845.59	3.06

Hook Loads

Up : 210
Down : 185
Rotating : 200
Torque : 0 Amps
Torque : 8000.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT: N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 496 HRS (20.66 DAYS)

UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

DAYS SINCE LAST LTA: (1307 DAYS): LAST OSHA RECORDABLE INCIDENT: (544)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 6.5 HRS. / 92.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT
COLLAR @11,743. SHOE @11,787)
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 35 BBLs / 96 BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: 35 BBLs TO CUTTINGS // TOTAL= 68 BBLs
OBM LOST: XX BBLs// TOTAL = 28 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :47 BBL// TOTAL 141-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2615 BBLs
TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 790 / 22,876 GALS
MUD DIESEL (DAILY/TOTAL): 1029 / 1,692 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 129 / 2254 GALS
CERTARUS CNG (DAILY/ TOTAL) 898 MCF / 6128 TOTAL MCF

ORIGINAL TARGET LINE - XXXXXX

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17// 5"
PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT
SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG// 4.75' NONMAG// 4.75" NMDC // X-
OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 //SHOCK SUB// 5" NOV
AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. =
11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN
12,665'// DEPTH OUT XX,XXX // FTG. DRILLED XX // TOTAL DRLG HRS. XX // TOTAL MTR HRS.
XXX // AVG R.O.P.XX FPH // REASON PULLED = XXX

BHA #9: RERUN BIT #7 6.75" / (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N
#12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY
COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4
STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP =
TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659'
DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG
R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 //
RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN
SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT
SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO
SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG.
DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON
PULLED = / PP SPIKE/ MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O,
LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O,
PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC //
XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00" //
BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL
DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD
FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL) FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO
BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-

BHA #5: BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG., 253 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5' BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS. 46 // AVG R.O.P. 25.8 FPH // REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55" // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55" // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal**Shakers**

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	--------------------------	----------------------------	-----------------------------

Mud Log

Formation :	<input type="text"/>	Connection Gas :	<input type="text"/>	Flare Length :	<input type="text"/>
Background Gas :	<input type="text"/>				
Trip Calc :	<input type="text"/>				

Well Incident

Report # :	<input type="text"/>	Incident Date :	<input type="text"/>	Report Date :	<input type="text"/>
Problem Name :	<input type="text"/>				

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$84,525

Cost to Date : \$2,247,923

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$3,282,895

Report Information

Report # : 25

Report Date : 6/25/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : ROT/SLIDE 6.75" PRODUCTION LATERAL F/14.318 ' T/14.495 (177' @ 30.0 FPH). MW 12.8 DRILLING DOWN FLOWLINE

Ops Forecast : CONVENTIONAL DRILL 6.75" LATERAL TOWARDS 21.614'

24hr. Summary : ROT/SLIDE 6.75 PRODUCTION LATERAL F/13.401 ' T/14.318 (917' @ 39.8 FPH). MW 12.8 DRILLING DOWN FLOWLINE

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 21

Progress : 913.00 ft

MD at Report Time : 14314.00 ft

Rig on Location (days) : 25

Est. TD : 21614.60 ft

TVD At Report Time : 11773.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 22.50

Total Drilling Hours : 258.00

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 93.75

Rotating % : 57.78

Sliding % : 42.22

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	01:00	1.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	13469.00	ROT 6. 75" PRODUCTION LATERAL F/13,401' - T/13,469' (68' @ 68 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3,600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
01:00	02:00	1.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	13487.00	SLIDE DRILL 6. 75" PRODUCTION LATERAL F/13,469' - T/13,487' (18' @ 18 FPH) WOB 25K, TF: 30R , GPM 275, MRPM 220, PP 3,500 PSI., DIFF 550 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
02:00	03:30	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	13563.00	ROT 6. 75" PRODUCTION LATERAL F/13,487' - T/13,563' (76' @ 50 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3,600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
03:30	04:30	1.00	DRLPRL	07A	C & C MUD - COND MUD/CLG/HTG	No	08	1	13563.00	CIRCULATE HOLE CLEAN
04:30	05:30	1.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	13579.00	SLIDE DRILL 6. 75" PRODUCTION LATERAL F/13,563' - T/13,579' (16' @ 16 FPH) WOB 25K, TF: 30R , GPM 275, MRPM 220, PP 3,500 PSI., DIFF 550 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
05:30	08:00	2.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	13750.00	ROT 6. 75" PRODUCTION LATERAL F/13,579' - T/13,750' (171' @ 68.4 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3,600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
08:00	09:00	1.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	13770.00	SLIDE DRILL 6. 75" PRODUCTION LATERAL F/13,750' - T/13,770' (20' @ 20 FPH) WOB 25K, TF: 130R , GPM 275, MRPM 220, PP 3,500 PSI., DIFF 550 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
09:00	10:30	1.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	13844.00	ROT 6. 75" PRODUCTION LATERAL F/13,770' - T/13,844' (74' @ 49.3 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3,600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
10:30	11:00	0.50	DRLPRL	10A	LUB RIG - DAILY SERVICE	No	08	1	13844.00	RIG SERVICE
11:00	12:30	1.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	13860.00	SLIDE DRILL 6. 75" PRODUCTION LATERAL F/13,844' - T/13,874' (30' @ 20 FPH) WOB 25K, TF: 130R , GPM 275, MRPM 220, PP 3,500 PSI., DIFF 550 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
12:30	15:00	2.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14032.00	ROT 6. 75" PRODUCTION LATERAL F/13,860' - T/14,032' (158' @ 63.2 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3,600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
15:00	16:30	1.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	14062.00	SLIDE DRILL 6. 75" PRODUCTION LATERAL F/14,032' - T/14,062' (30' @ 20 FPH) WOB 25K, TF: 70R , GPM 275, MRPM 220, PP 3,500 PSI., DIFF 550 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
16:30	18:00	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14126.00	ROT 6. 75" PRODUCTION LATERAL F/14,062' - T/14,126' (64' @ 42.6 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3,600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
										SLIDE DRILL 6. 75" PRODUCTION LATERAL F/14,126' - T/14,140' (

18:00	19:00	1.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	14140.00	14' @ 14 FPH) WOB 25K, TF: 70R , GPM 275, MRPM 220, PP 3, 500 PSI., DIFF 550 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
19:00	20:30	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14220.00	ROT 6. 75" PRODUCTION LATERAL F/ 14, 140' - T/ 14, 220' (80' @ 53. 3 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3, 600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
20:30	21:30	1.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	14243.00	SLIDE DRILL 6. 75" PRODUCTION LATERAL F/ 14, 220' - T/ 14, 243(23' @ 23 FPH) WOB 25K, TF: 90R , GPM 275, MRPM 220, PP 3, 500 PSI., DIFF 550 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
21:30	00:00	2.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14314.00	ROT 6. 75" PRODUCTION LATERAL F/ 14, 243' - T/ 14, 314' (71' @ 28. 4 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3, 600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	2	24.00	48.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00

Rig Information

KB Elevation:2793.00ft

KB To GL:25.00ft

Rig(s) for today :Scan Texas

Rig Manager :TRENT VAUGHT

Rig Phone :432-200-2272

Date and Time of Rig Release :

Days From Rig Release :0.00

Rig Fax :

Safety

Last BOP Test(F) Date :6/19/2018

Last BOP Pressure :8500.000psi

Last Lot Fit :14.50

Last Csg Date :6/19/2018

Last Csg Pressure :1500.000psi

Last Spills Reported :

Last BOP Drill Date :6/17/2018

Last Test MW :13.10

Last Accidents :

Last Fire Drill :

Last Test TVD :11654.00ft

Last Safety Meeting :6/25/2018 18:00

Last Evac Drill :

Last Test Pressure :846.000psi

Last Safety Meeting Topic :MANLIFT OPERATIONS

Contacts

Day Sup. :RAUL BAEZA

Phone :432-853-7484

Superintendent :SANTOS MOROLES

Phone :432-559-4901

Night Sup. :JEREMY GRAY

Phone :

Geologist :ALBERT BONDURANT

Phone :205.568.5467

Alt. Phone :

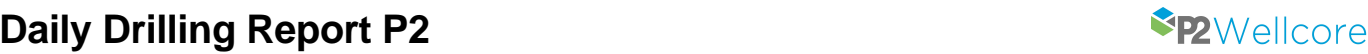
Drill. Eng. :BRANNON SMITH

Phone :432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

25

Report Date :

6/25/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

Rich

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	13890.	12.80000	60.00	13	23.00	0.0	27002	580.0	75	25	7.6

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
08	1	6.750	HALIBURTON	MMD64		913.00	22.50	40.58	1649.00	40.00	41.23	13401.00	14314.00	0.000	63.406	74.42	10.11

BHA Data

For Bit # :

08

Mud Motor : Total Made :

0

ft

Total BHA Hours :

297.0

Total Hours :

0.00

BHA # :

DC OD :

4.750

in

DP OD :

4.500

in

BHA Length :

0.00

ft

BHA Weight

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	ID (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
------	-----	-------------	---------	---------	------------------	-----------------	-------------	---------

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
08	BOMCO	12.000	5.000	94	273.288	BOMCO	12.000	5.000	0	0.000	3600.00	291	265

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
14126.00	BOMCO	1080.0	30	BOMCO	0.0	0
14126.00	BOMCO	1300.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 25 Report Date : 6/25/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
13493.00	88.83	161.7	11784.60		-1954.54		560.60	2033.31	3.80
13587.00	89.64	161.7	11785.85		-2043.77		590.14	2127.25	0.85
13680.00	92.58	159.8	11784.05		-2131.52		620.84	2220.09	3.72
13774.00	88.77	156.9	11782.94		-2218.82		655.59	2313.64	5.01
13868.00	91.65	161.8	11782.60		-2306.72		688.79	2407.33	5.96
13962.00	89.64	158.1	11781.54		-2394.97		721.08	2501.10	4.42
14056.00	92.29	163.7	11779.96		-2483.72		751.88	2594.93	6.50
14150.00	91.26	163.6	11777.04		-2573.86		778.39	2688.88	1.08
14244.00	93.38	166.3	11773.24		-2664.55		802.77	2782.77	3.66

Hook Loads

Up : 230
Down : 160
Rotating : 195
Torque : 0 Amps
Torque : 7000.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT: N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 520 HRS (21.66 DAYS)

UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

DAYS SINCE LAST LTA: (1308 DAYS): LAST OSHA RECORDABLE INCIDENT: (545)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): XX HRS. / 92.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT
COLLAR @11,743. SHOE @11,787)
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 62 BBLs / 158 BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: 35 BBLs TO CUTTINGS // TOTAL= 103 BBLs
OBM LOST: 27 BBLs// TOTAL = 55 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :53 BBL// TOTAL 194-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -8 BBL/ 8 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2616 BBLs
TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 893 / 23,769 GALS
MUD DIESEL (DAILY/TOTAL): 1174 / 2,866 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 60 / 2314 GALS
CERTARUS CNG (DAILY/ TOTAL)1332 MCF / 7460 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6-25-18 AT 13:30 BY AL @V.S.=0, Inc=90.50, TVD=11795.85

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17// 5"
PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT
SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG// 4.75" NONMAG// 4.75" NMDC // X-
OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 //SHOCK SUB// 5" NOV
AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. =
11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN
12,665'// DEPTH OUT XX,XXX // FTG. DRILLED XX // TOTAL DRLG HRS. XX // TOTAL MTR HRS.
XXX // AVG R.O.P.XX FPH // REASON PULLED = XXX

BHA #9: RERUN BIT #7 6.75" // (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N
#12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY
COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4
STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP =
TOT. LGTH. = 11,657.41// BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659'
DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG
R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 //
RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN
SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT
SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41.// BIT TO
SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG.
DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON
PULLED = / PP SPIKE/ MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O,
LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O,
PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC //
XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62.// BIT TO SURVEY 26.00" //
BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL
DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD
FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./80 REV/GAL)//FLOAT
SUB, // NMPC // XO // VELOCITY=(XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO

BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820' . BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5: BIT #5 9.875" // ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'. BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	--------------------------	----------------------------	-----------------------------

Mud Log

Formation :
Background Gas : 875 Connection Gas : 2020 Flare Length : N/A
Trip Calc :

Well Incident

Report # : Incident Date : Report Date :
Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost :

\$51,092

Cost to Date :

\$2,290,067

AFE # :

PB18100006

AFE :

\$10,772,650

AFE Cost to Date :

\$3,325,039

Report Information

Report # :

26

Report Date :

6/26/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

CONVENTIONAL DRILL 6.75" PROD LATERAL F/14.916' - T/15.060' (144' @ 26 FPH) MW 12.8 PPG

Ops Forecast :

CONVENTIONAL DRILL 6.75" LATERAL TOWARDS 21.614'

24hr. Summary :

CONVENTIONAL DRILL 6.75" PROD LATERAL F/14.318' - T/14.916' (598' @ 26 FPH) MW 12.8 PPG

Planning Status :

Elevations

GL

2768.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

22

Progress :

602.00

ft

MD at Report Time :

14916.00

ft

Rig on Location (days) :

26

Est. TD :

21614.60

ft

TVD At Report Time :

11772.00

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

23.50

Total Drilling Hours :

281.50

Total Hours :

24.00

Time Code :

DRILLING

Drilling % :

97.92

Rotating % :

57.45

Sliding % :

42.55

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	01:00	1.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	14328.00	SLIDE DRILL 6.75" PRODUCTION LATERAL F/ 14, 314' - T/14, 328 (14' @ 14 FPH) WOB 25K, TF: 180 , GPM 275, MRPM 220, PP 3500 PSI., DIFF 200 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
01:00	02:00	1.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14374.00	ROT 6. 75" PRODUCTION LATERAL F/14, 328' - T/14, 374' (46' @ 46 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
02:00	02:30	0.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	14384.00	SLIDE DRILL 6. 75" PRODUCTION LATERAL F/ 14, 374' - T/14, 384 (10' @ 20 FPH) WOB 25K, TF: 180 , GPM 275, MRPM 220, PP 3500 PSI., DIFF 200 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
02:30	03:00	0.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14408.00	ROT 6. 75" PRODUCTION LATERAL F/14, 384' - T/14, 408' (24' @ 48 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
03:00	04:30	1.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	14426.00	SLIDE DRILL 6. 75" PRODUCTION LATERAL F/ 14, 408' - T/14, 426 (18' @ 12 FPH) WOB 25K, TF: 180 , GPM 275, MRPM 220, PP 3500 PSI., DIFF 200 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
04:30	06:00	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14501.00	ROT 6. 75" PRODUCTION LATERAL F/14, 426' - T/14, 501' (75' @ 50 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
06:00	07:30	1.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	14519.00	SLIDE DRILL 6. 75" PRODUCTION LATERAL F/ 14, 501' - T/14, 519 (18' @ 12 FPH) WOB 25K, TF: 100 , GPM 275, MRPM 220, PP 3500 PSI., DIFF 200 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
07:30	10:00	2.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14595.00	ROT 6. 75" PRODUCTION LATERAL F/14, 519' - T/14, 595' (76' @ 30. 4 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
10:00	12:00	2.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	14610.00	SLIDE DRILL 6. 75" PRODUCTION LATERAL F/ 14, 595' - T/14, 610 (15' @ 7. 5 FPH) WOB 25K, TF: 30R , GPM 275, MRPM 220, PP 3500 PSI., DIFF 200 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
12:00	14:00	2.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14689.00	ROT 6. 75" PRODUCTION LATERAL F/14, 610' - T/14, 689' (79' @ 52. 6 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
14:00	14:30	0.50	DRLPRL	10A	LUB RIG - DAILY SERVICE	No	08	1	14689.00	RIG SERVICE
14:30	16:00	1.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	14705.00	SLIDE DRILL 6. 75" PRODUCTION LATERAL F/ 14, 689' - T/14, 705 (16' @ 8 FPH) WOB 25K, TF: 30R , GPM 275, MRPM 220, PP 3500 PSI., DIFF 200 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
16:00	18:30	2.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14785.00	ROT 6. 75" PRODUCTION LATERAL F/14, 705' - T/14, 785' (80' @ 32 FPH) WOB 15K, RPM - 50 , GPM 275, MRPM 220, PP 3600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.

18:30	19:30	1.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14795.00	SLIDE DRILL 6.75" PRODUCTION LATERAL F/ 14, 785' - T/14, 795 (10' @ 10 FPH) WOB 12K, TF: 30R , GPM 275, MRPM 220, PP 3500 PSI., DIFF 200 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
19:30	21:30	2.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14880.00	ROT 6.75" PRODUCTION LATERAL F/14, 795' - T/14, 880' (85' @ 42. 5 FPH) WOB 15K, RPM- 50 , GPM 275, MRPM 220, PP 3600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
21:30	23:30	2.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	14894.00	SLIDE DRILL 6.75" PRODUCTION LATERAL F/ 14, 880' - T/14, 894' (14' @ 7 FPH) WOB 12K, TF: 180 , GPM 275, MRPM 220, PP 3500 PSI., DIFF 200 PSI., DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.
23:30	00:00	0.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14916.00	ROT 6.75" PRODUCTION LATERAL F/14, 894' - T/14, 916' (22' @ 44 FPH) WOB 15K, RPM- 50 , GPM 275, MRPM 220, PP 3600 PSI., DIFF 550 PSI., TQ. 6K, DRILLING DOWN FLOW LINE NO GAINS NO LOSSES MW 12. 8 PPG W/ 68 VIS.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation:2793.00ft

KB To GL :25.00ft

Rig(s) for today :Scan Texas

Rig Manager :TRENT VAUGHT

Rig Phone :432-200-2272

Date and Time of Rig Release :

Days From Rig Release :0.00

Rig Fax :

Safety

Last BOP Test(F) Date :6/19/2018

Last BOP Pressure :8500.000psi

Last Lot Fit :14.50

Last Csg Date :6/19/2018

Last Csg Pressure :1500.000psi

Last Spills Reported :

Last BOP Drill Date :6/17/2018

Last Test MW :13.10

Last Accidents :

Last Fire Drill :

Last Test TVD :11654.00ft

Last Safety Meeting :6/26/2018 18:00

Last Evac Drill :

Last Test Pressure :846.000psi

Last Safety Meeting Topic :FIRST DAY BACK

Contacts

Day Sup. :NICK NEWLAND

Phone :405-761-3414

Superintendent :SANTOS MOROLES

Phone :432-559-4901

Night Sup. :JEREMY GRAY

Phone :

Geologist :ALBERT BONDURANT

Phone :205.568.5467

Alt. Phone :

Drill. Eng. :BRANNON SMITH

Phone :432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	26	Report Date :	6/26/2018
------------	----	---------------	-----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer :	CLAY RICH	Mud Type :	Oil Base Mud	Polymer Type :	
----------------	-----------	------------	--------------	----------------	--

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	00:39	14775.	12.90000	59.00	13	23.00	0.0	37000	580.0	76	24	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
08	1	6.750	HALIBURTON	MMD64		602.00	23.50	25.62	2251.00	63.50	35.45	14314.00	14916.00	18.000	63.902	74.42	10.19

BHA Data

For Bit # :	08	Mud Motor : Total Made :	602	ft
Total BHA Hours :	320.5	Total Hours :	23.50	
BHA # :	10	DC OD :	4.750	in
		DP OD :	4.500	in
		BHA Length :	11677.74	ft
		BHA Weight :	0.00	M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
MUD MOTOR	1	25.85	5.370	0.000	5.370	0.000	3.5 IF	Box
FLOAT SUB	1	2.70	4.780	2.250	4.780	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	14.84	4.710	2.750	4.710	0.000	3.5 IF	Pin
SUBS	1	3.25	4.780	2.750	4.780	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	29.20	4.740	2.750	4.740	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	26.31	5.170	0.000	5.170	0.000	3.5 IF	Pin
CROSSOVER SUB	1	3.50	5.210	0.000	5.210	0.000	3.5 IF	Pin
DRILLPIPE	105	3291.36	5.130	0.000	5.130	0.000	3.5 IF	Pin
CROSSOVER SUB	1	3.81	4.510	2.750	4.510	0.000	XT-39	Pin
AGITATOR	1	11.19	5.400	3.000	5.400	0.000	XT-39	Box
SHOCK SUB	1	10.90	4.500	3.000	4.500	0.000	XT-39	Box
CROSSOVER SUB	1	3.81	4.500	3.000	4.500	0.000	CET-43	Pin
DRILLPIPE	234	7339.35	4.500	3.000	4.500	0.000	CET 43	Pin
HWDP	30	910.67	4.500	3.000	4.500	0.000	CET 43	Pin

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
08	1	14916.00	18.000	220	50	275	9000.00	4000.00	210	185	200	3850.0	3400.0	450.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
08	BOMCO	12.000	5.000	0	0.000	BOMCO	12.000	5.000	94	273.288	3600.00	291	265

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
14689.00	BOMCO	0.0	0	BOMCO	930.0	30
14689.00	BOMCO	0.0	0	BOMCO	1160.0	40

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	26	Report Date :	6/26/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
14337.00	93.90	167.5	11767.33		-2754.94		823.79	2875.43	1.32
14431.00	87.65	164.9	11766.06		-2846.15		846.26	2969.28	7.10
14525.00	87.22	167.2	11770.27		-2937.27		868.94	3063.10	2.49
14619.00	88.18	166.4	11774.04		-3028.71		890.40	3156.88	1.31
14713.00	89.50	166.0	11775.95		-3119.98		912.80	3250.77	1.43
14807.00	94.31	167.2	11772.82		-3211.35		934.55	3344.56	5.18

Hook Loads		Comments	
Up :	220	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 544 HRS (22.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EM/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1309 DAYS): LAST OSHA RECORDABLE INCIDENT: (546)</p>	
Down :	170		
Rotating :	195		
Torque :	0		Amps
Torque :	8500.00		ft lbf

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): XX HRS. / 92.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT
COLLAR @11,743. SHOE @11,787)
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 52 BBLs / 210 BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: 28 BBLs TO CUTTINGS // TOTAL= 131 BBLs
OBM LOST: 24 BBLs// TOTAL = 79 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :63 BBL// TOTAL 257-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -XX BBL/ 8 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2627 BBLs
TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 699 / 24,468 GALS
MUD DIESEL (DAILY/TOTAL): 1333 / 4,199 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 0 / 2314 GALS
CERTARUS CNG (DAILY/ TOTAL) 1632.63 MCF / 9092.63 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6-25-18 AT 13:30 BY AL @V.S.=0, Inc=90.50, TVD=11795.85

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17// 5"
PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT
SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG// 4.75" NONMAG// 4.75" NMDC // X-
OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 //SHOCK SUB// 5" NOV
AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. =
11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN
12,665'// DEPTH OUT XX,XXX // FTG. DRILLED XX // TOTAL DRLG HRS. XX // TOTAL MTR HRS.
XXX // AVG R.O.P.XX FPH // REASON PULLED = XXX

BHA #9: RERUN BIT #7 6.75" // (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N
#12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY
COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4
STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP =
TOT. LGTH. = 11,657.41// BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659'
DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG
R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 //
RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN
SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT
SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41.// BIT TO
SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG.
DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON
PULLED = / PP SPIKE/ MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O,
LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O,
PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC //
XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62.// BIT TO SURVEY 26.00" //
BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL
DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD
FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)//FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO

BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5: BIT #5 9.875" // ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'. BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	--------------------------	----------------------------	-----------------------------

Mud Log

Formation :			
Background Gas :	900	Connection Gas :	2414
Trip Calc :			
		Flare Length :	N/A

Well Incident

Report # :		Incident Date :		Report Date :	
Problem Name :					

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost :

\$81,122

Cost to Date :

\$2,371,189

AFE # :

PB18100006

AFE :

\$10,772,650

AFE Cost to Date :

\$3,406,161

Report Information

Report # :

27

Report Date :

6/27/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

CONVENTIONAL DRILL 6.75" PROD LATERAL F/15.350' - T/15.425' (75' @ 13.6 FPH) MW 12.8 PPG

Ops Forecast :

CONVENTIONAL DRILL 6.75" LATERAL TOWARDS 21.614'

24hr. Summary :

CONVENTIONAL DRILL 6.75" PROD LATERAL F/14.916' - T/15.350' (434' @ 18.8 FPH) MW 12.8 PPG

Planning Status :

Elevations

GL

2768.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

23

Progress :

434.00

ft

MD at Report Time :

15350.00

ft

Rig on Location (days) :

27

Est. TD :

21614.60

ft

TVD At Report Time :

11759.00

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

23.50

Total Drilling Hours :

305.00

Total Hours :

24.00

Time Code :

DRILLING

Drilling % :

97.92

Rotating % :

36.17

Sliding % :

63.83

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	02:00	2.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	14976.00	ROT 6. 75" PROD LATERAL F/ 14, 916' - T/ 14, 976' (60' @ 30 FPH) WOB 18K, RPM- 50 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.
02:00	04:00	2.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	14996.00	SLIDE DRILL 6. 75" PROD LATERAL F/ 14, 976' - T/ 14, 996' (20' @ 10 FPH) WOB 14K, TF: 90L, GPM 275, MRPM 220, SPP 3750 PSI, DIFF 200 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.
04:00	06:30	2.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15065.00	ROT 6. 75" PROD LATERAL F/ 14, 996' - T/ 15, 065' (69' @ 27. 6 FPH) WOB 15K, RPM- 50 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.
06:30	07:30	1.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15075.00	SLIDE DRILL 6. 75" PROD LATERAL F/ 15, 065' - T/ 15, 075' (10' @ 10 FPH) WOB 14K, TF: 150L, GPM 275, MRPM 220, SPP 3800 PSI, DIFF 250 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.
07:30	10:00	2.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15159.00	ROT 6. 75" PROD LATERAL F/ 15, 075' - T/ 15, 159' (84' @ 33. 6 FPH) WOB 15K, RPM- 40 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.
10:00	12:30	2.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15184.00	SLIDE DRILL 6. 75" PROD LATERAL F/ 15, 159' - T/ 15, 184' (25' @ 10 FPH) WOB 14K, TF: 70L, GPM 275, MRPM 220, SPP 3750 PSI, DIFF 250 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.
12:30	15:00	2.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15253.00	ROT 6. 75" PROD LATERAL F/ 15, 184' - T/ 15, 253' (69' @ 27. 6 FPH) WOB 15K, RPM- 40 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.
15:00	15:30	0.50	DRLPRL	10A	LUB RIG - DAILY SERVICE	No	08	1	15253.00	RIG SERVICE
15:30	18:00	2.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15277.00	SLIDE DRILL 6. 75" PROD LATERAL F/ 15, 253' - T/ 15, 277' (24' @ 9. 6 FPH) WOB 14K, TF: 90L, GPM 275, MRPM 220, SPP 3750 PSI, DIFF 250 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.
18:00	19:00	1.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15293.00	SLIDE DRILL 6. 75" PROD LATERAL F/ 15, 277' - T/ 15, 293' (16' @ 16 FPH) WOB 14K, TF: 90L, GPM 275, MRPM 220, SPP 3750 PSI, DIFF 250 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.
19:00	19:30	0.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15303.00	ROT 6. 75" PROD LATERAL F/ 15, 293' - T/ 15, 303' (10' @ 20 FPH) WOB 15K, RPM- 40 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.
19:30	22:30	3.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15326.00	SLIDE DRILL 6. 75" PROD LATERAL F/ 15, 303' - T/ 15, 326' (23' @ 7 FPH) WOB 14K, TF: 90L, GPM 275, MRPM 220, SPP 3750 PSI, DIFF 250 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.
22:30	23:30	1.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15348.00	ROT 6. 75" PROD LATERAL F/ 15, 326' - T/ 15, 348' (22' @ 22 FPH) WOB 15K, RPM- 40 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12. 8 PPG W/ 68 VIS.

23:30	00:00	0.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15350.00	SLIDE DRILL 6.75" PROD LATERAL F/15,348' - T/15,350' (2' @ 4 FPH) WOB 14K, TF: 90L, GPM 275, MRPM 220, SPP 3750 PSI, DIFF 250 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
-------	-------	------	--------	-----	-------------------------------	----	----	---	----------	--

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation:	<input type="text" value="2793.00"/>	ft	KB To GL:	<input type="text" value="25.00"/>	ft
Rig(s) for today :	<input type="text" value="Scan Texas"/>		Rig Manager :	<input type="text" value="TRENT VAUGHT"/>	
Date and Time of Rig Release :	<input type="text"/>	<input type="text"/>	Days From Rig Release :	<input type="text" value="0.00"/>	
				Rig Phone :	<input type="text" value="432-200-2272"/>
				Rig Fax :	<input type="text"/>

Safety

Last BOP Test(F) Date :	<input type="text" value="6/19/2018"/>	Last BOP Pressure :	<input type="text" value="8500.000"/>	psi	Last Lot Fit :	<input type="text" value="14.50"/>
Last Csg Date :	<input type="text" value="6/19/2018"/>	Last Csg Pressure :	<input type="text" value="1500.000"/>	psi	Last Spills Reported :	<input type="text"/>
Last BOP Drill Date :	<input type="text" value="6/17/2018"/>	Last Test MW :	<input type="text" value="13.10"/>		Last Accidents :	<input type="text"/>
Last Fire Drill :	<input type="text"/>	Last Test TVD :	<input type="text" value="11654.00"/>	ft	Last Safety Meeting :	<input type="text" value="6/27/2018 18:00"/>
Last Evac Drill :	<input type="text"/>	Last Test Pressure :	<input type="text" value="846.000"/>	psi	Last Safety Meeting Topic :	<input type="text" value="SPILL PREVENTION"/>

Contacts

Day Sup. :	<input type="text" value="NICK NEWLAND"/>	Phone :	<input type="text" value="405-761-3414"/>	Superintendent :	<input type="text" value="SANTOS MOROLES"/>	Phone :	<input type="text" value="432-559-4901"/>
Night Sup. :	<input type="text" value="JEREMY GRAY"/>	Phone :	<input type="text"/>	Geologist :	<input type="text" value="ALBERT BONDURANT"/>	Phone :	<input type="text" value="205.568.5467"/>
Alt. Phone :	<input type="text"/>			Drill. Eng. :	<input type="text" value="BRANNON SMITH"/>	Phone :	<input type="text" value="432-818-1777"/>

Attachments

<div>Daily Attachment Folder(s)</div>	
---------------------------------------	--

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

27

Report Date :

6/27/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:37	15275.	12.80000	57.00	16	23.00	0.0	44000	623.0	76	24	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
08	1	6.750	HALIBURTON	MMD64		434.00	23.50	18.47	2685.00	87.00	30.86	14916.00	15350.00	18.000	63.406	74.42	10.11

BHA Data

For Bit # :

08

Mud Motor : Total Made :

0

ft

Total BHA Hours :

344.0

Total Hours :

0.00

BHA # :

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

0.00

ft

BHA Weight

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	ID (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
------	-----	-------------	---------	---------	------------------	-----------------	-------------	---------

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
08	1	15350.00	18.000	220	40	275	9000.00	4000.00	210	185	200	4100.0	3675.0	425.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
08	BOMCO	12.000	5.000	0	0.000	BOMCO	12.000	5.000	94	273.288	3675.00	326	265

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
15253.00	BOMCO	1020.0	0	BOMCO	0.0	0
15253.00	BOMCO	1140.0	0	BOMCO	0.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	27	Report Date :	6/27/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
14995.00	93.97	169.5	11762.46		-3395.96		968.34	3531.22	2.38
15089.00	89.27	171.9	11759.80		-3488.65		983.52	3624.45	5.51
15183.00	91.37	177.0	11759.27		-3582.17		992.60	3716.75	5.82
15278.00	88.77	173.7	11759.16		-3676.84		1000.28	3809.76	4.38

Hook Loads		Comments	
Up :	220	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 568 HRS (23.66 DAYS)</p> <p>UL 20 STRIPES 38-47 601H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA, HAVE 293 JTS PREMIUM READY (7 JTS NEED HARBANDING) 71 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 18 BOXES & 52 PINS FOR PITTING & 1 PIN FOR HANDLING DAMAGE// (3 JT CLASS II RED BAND (INTERNAL PITTING), 3 JT CLASS III RED BAND (INTERNAL EMI/UTI), 2 JTS CLASS V SURFACE CRACKS ON PIN. (71 JOINTS SENT IN FOR REPAIRS AND 8 JOINTS REPLACED BY SCAN). ALSO INSPECTED 115 JTS SCAN 5" RENTAL DP ,114 JTS PREMIUM READY, 1 JOINT BEND PREMIUM READY.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>DAYS SINCE LAST LTA: (1310 DAYS): LAST OSHA RECORDABLE INCIDENT: (547)</p>	
Down :	170		
Rotating :	195		
Torque :	0		Amps
Torque :	8500.00		ft lbf

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): XX HRS. / 92.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS
CODE 8: 2 HRS 6/5/18
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT
COLLAR @11,743. SHOE @11,787). DV TOLL @ 4888' ECP @ 4981'
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 59 BBLs / 269 BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: 22 BBLs TO CUTTINGS // TOTAL= 153 BBLs
OBM LOST: 37 BBLs// TOTAL = 116 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS :83 BBL// TOTAL 340-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -XX BBL/ 8 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2651 BBLs
TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 591 / 25,059 GALS
MUD DIESEL (DAILY/TOTAL): 1326 / 5,525 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 0 / 2314 GALS
CERTARUS CNG (DAILY/ TOTAL) 1599.12 MCF / 10,691.75 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6-25-18 AT 13:30 BY AL @V.S.=0, Inc=90.50, TVD=11795.85

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17// 5"
PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT
SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG// 4.75" NONMAG// 4.75" NMDC // X-
OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 //SHOCK SUB// 5" NOV
AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. =
11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN
12,665'// DEPTH OUT XX,XXX // FTG. DRILLED XX // TOTAL DRLG HRS. XX // TOTAL MTR HRS.
XXX // AVG R.O.P.XX FPH // REASON PULLED = XXX

BHA #9: RERUN BIT #7 6.75" // (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N
#12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY
COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4
STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP =
TOT. LGTH. = 11,657.41// BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659'
DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG
R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 //
RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN
SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT
SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41.// BIT TO
SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG.
DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON
PULLED = / PP SPIKE/ MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O,
LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O,
PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC //
XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62.// BIT TO SURVEY 26.00" //
BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL
DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD
FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./80 REV/GAL)//FLOAT
SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP
SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO

BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5: BIT #5 9.875" // ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'. BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	--------------------------	----------------------------	-----------------------------

Mud Log

Formation :
Background Gas : 550 Connection Gas : 1773 Flare Length : N/A
Trip Calc :

Well Incident

Report # : Incident Date : Report Date :
Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost :

\$100,250

Cost to Date :

\$2,471,439

AFE # :

PB18100006

AFE :

\$10,772,650

AFE Cost to Date :

\$3,506,411

Report Information

Report # :

28

Report Date :

6/28/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

CONVENTIONAL DRILL 6.75" PROD LATERAL F/15.675' - T/15.770' (95' @ 19 FPH) MW 12.8 PPG

Ops Forecast :

CONVENTIONAL DRILL 6.75" LATERAL TOWARDS 21.614'

24hr. Summary :

CONVENTIONAL DRILL 6.75" PROD LATERAL F/15.350' - T/15.675' (325' @ 14.1 FPH) MW 12.8 PPG

Planning Status :

Elevations

GL

2768.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

24

Progress :

325.00

ft

MD at Report Time :

15675.00

ft

Rig on Location (days) :

28

Est. TD :

21614.60

ft

TVD At Report Time :

11760.00

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

24.00

Total Drilling Hours :

329.00

Total Hours :

24.00

Time Code :

DRILLING

Drilling % :

100.00

Rotating % :

37.50

Sliding % :

62.50

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	02:00	2.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15367.00	SLIDE DRILL 6.75" PROD LATERAL F/ 15, 350' - T/15,367' (17' @ 8.5 FPH) WOB 14K, TF: 70L, GPM 275, MRPM 220, SPP 3630 PSI, DIFF 250 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
02:00	03:00	1.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15396.00	ROT 6.75" PROD LATERAL F/ 15,367' - T/ 15,396' (29' @ 29 FPH) WOB 15K, RPM- 40 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
03:00	05:30	2.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15417.00	SLIDE DRILL 6.75" PROD LATERAL F/ 15,396' - T/15,417' (21' @ 8.4 FPH) WOB 14K, TF: 70L, GPM 275, MRPM 220, SPP 3630 PSI, DIFF 250 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
05:30	07:00	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15442.00	ROT 6.75" PROD LATERAL F/ 15,417' - T/ 15,442' (25' @ 16.6 FPH) WOB 15K, RPM- 40 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
07:00	09:00	2.00	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15455.00	SLIDE DRILL 6.75" PROD LATERAL F/ 15,442' - T/15,455' (13' @ 6.5 FPH) WOB 5K, TF: 70L, GPM 275, MRPM 220, SPP 3800 PSI, DIFF 200 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
09:00	10:30	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15488.00	ROT 6.75" PROD LATERAL F/ 15,455' - T/ 15,488' (33' @ 22 FPH) WOB 14K, RPM- 40 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
10:30	15:00	4.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15519.00	SLIDE DRILL 6.75" PROD LATERAL F/ 15,488' - T/15,519' (31' @ 6.8 FPH) WOB 5K, TF: 100L, GPM 275, MRPM 220, SPP 3800 PSI, DIFF 200 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
15:00	15:30	0.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15536.00	ROT 6.75" PROD LATERAL F/ 15,519' - T/ 15,536' (18' @ 36 FPH) WOB 14K, RPM- 40 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
15:30	16:00	0.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15536.00	RIG SERVICE
16:00	19:30	3.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15561.00	SLIDE DRILL 6.75" PROD LATERAL F/ 15,536' - T/15,561' (25' @ 7.1 FPH) WOB 5K, TF: 100L, GPM 275, MRPM 220, SPP 3800 PSI, DIFF 200 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
19:30	22:30	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15631.00	ROT 6.75" PROD LATERAL F/ 15,561' - T/ 15,631' (70' @ 23.3 FPH) WOB 14K, RPM- 40 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
22:30	00:00	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15675.00	ROT 6.75" PROD LATERAL F/ 15,631' - T/ 15,675' (44' @ 29.3 FPH) WOB 14K, RPM- 40 , GPM 275, MRPM 220, SPP 4100 PSI, DIFF 500 PSI,TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00

SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL :

25.00

ft

Rig(s) for today :

Scan Texas

Rig Manager :

TRENT VAUGHT

Rig Phone :

432-200-2272

Date and Time of Rig Release :

Days From Rig Release :

0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

6/19/2018

Last BOP Pressure :

8500.000

psi

Last Lot Fit :

14.50

Last Csg Date :

6/19/2018

Last Csg Pressure :

1500.000

psi

Last Spills Reported :

Last BOP Drill Date :

6/28/2018

Last Test MW :

13.10

Last Accidents :

Last Fire Drill :

Last Test TVD :

11654.00

ft

Last Safety Meeting :

6/28/2018 18:00

Last Evac Drill :

Last Test Pressure :

846.000

psi

Last Safety Meeting Topic :

FORKLIFT OPS

Contacts

Day Sup. :

NICK NEWLAND

Phone :

405-761-3414

Superintendent :

SANTOS MOROLES

Phone :

432-559-4901

Night Sup. :

JEREMY GRAY

Phone :

Geologist :

ALBERT BONDURANT

Phone :

205.568.5467

Alt. Phone :

Drill. Eng. :

BRANNON SMITH

Phone :

432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

28

Report Date :

6/28/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	15552.	12.90000	58.00	17	23.00	0.0	26253	618.0	76	24	7.4

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
08	1	6.750	HALIBURTON	MMD64		325.00	24.00	13.54	3010.00	111.00	27.12	15350.00	15675.00	18.000	63.902	74.42	10.19

BHA Data

For Bit # :

08

Mud Motor : Total Made :

325

ft

Total BHA Hours :

368.0

Total Hours :

24.00

BHA # :

10

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11677.74

ft

BHA Weight

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
MUD MOTOR	1	25.85	5.370	0.000	5.370	0.000	3.5 IF	Box
FLOAT SUB	1	2.70	4.780	2.250	4.780	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	14.84	4.710	2.750	4.710	0.000	3.5 IF	Pin
SUBS	1	3.25	4.780	2.750	4.780	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	29.20	4.740	2.750	4.740	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	26.31	5.170	0.000	5.170	0.000	3.5 IF	Pin
CROSSOVER SUB	1	3.50	5.210	0.000	5.210	0.000	3.5 IF	Pin
DRILLPIPE	105	3291.36	5.130	0.000	5.130	0.000	3.5 IF	Pin
CROSSOVER SUB	1	3.81	4.510	2.750	4.510	0.000	XT-39	Pin
AGITATOR	1	11.19	5.400	3.000	5.400	0.000	XT-39	Box
SHOCK SUB	1	10.90	4.500	3.000	4.500	0.000	XT-39	Box
CROSSOVER SUB	1	3.81	4.500	3.000	4.500	0.000	CET-43	Pin
DRILLPIPE	234	7339.35	4.500	3.000	4.500	0.000	CET 43	Pin
HWDP	30	910.67	4.500	3.000	4.500	0.000	CET 43	Pin

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
08	1	15675.00	18.000	220	40	275	9000.00	4000.00	210	185	200	4100.0	3675.0	425.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
08	BOMCO	12.000	5.000	0	0.000	BOMCO	12.000	5.000	94	273.288	3675.00	326	265

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
15536.00	BOMCO	1020.0	30	BOMCO	0.0	0
15536.00	BOMCO	1140.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	28	Report Date :	6/28/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
15372.00	89.75	168.4	11760.37		-3769.65		1014.91	3902.94	5.66
15466.00	89.72	167.5	11760.81		-3861.57		1034.58	3996.68	0.96
15561.00	91.04	162.2	11760.18		-3953.22		1059.42	4091.62	5.61

Hook Loads		Comments	
Up :	230	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 592 HRS (24.66 DAYS)</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARDBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL REPLACE THESE 6 JOINTS)</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5' DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2 CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS.</p>	
Down :	160		
Rotating :	195		
Torque :	0		Amps
Torque :	8500.00		ft lbf

DAYS SINCE LAST LTA: (1311 DAYS): LAST OSHA RECORDABLE INCIDENT: (548)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0

CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0

NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): XX HRS. / 92.5 HRS.

RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 2 HRS

CODE 8: 2 HRS 6/5/18

2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE

22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED

23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE

20" CONDUCTER SET @ 145'

13 3/8" SURFACE: SET @ 416'

10 3/4" 1 INTERMEDIATE: SET @ 5,002'

7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @ 11,643, FLOAT

COLLAR @ 11,743. SHOE @ 11,787). DV TOOL @ 4888' ECP @ 4981'

5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 35 BBLS / 304 BBLS

OBM LOST BEHIND CASING: XX BBLS

OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS

OBM LOST: 14 BBLS TO CUTTINGS // TOTAL= 167 BBLS

OBM LOST: 21 BBLS// TOTAL = 137 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,

LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES

ADDITIONS :40 BBL// TOTAL 380-BBLS

OBM RECOVERED FROM NOV DRYER SHAKERS -XX BBL/ 8 BBLS RECOVERED TO DATE.

STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2656 BBLS

TRANSFERRED OUT 0 BBLS

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:

RIG FUEL (DAILY/TOTAL): 1226 / 26,285 GALS

MUD DIESEL (DAILY/TOTAL): 1077 / 6,602 GALS

AUXILIARY EQUIPMENT (DAILY/TOTAL): 94 / 2408 GALS

CERTARUS CNG (DAILY/ TOTAL) 1287.41 MCF / 11,979.16 TOTAL MCF

ORIGINAL TARGET LINE -

TARGET CHANGE : 6-25-18 AT 13:30 BY AL @V.S.=0, Inc=90.50, TVD=11795.85

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17// 5"
PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT
SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG// 4.75' NONMAG// 4.75" NMDC // X-
OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 //SHOCK SUB// 5" NOV
AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. =
11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN
12,665'// DEPTH OUT XX,XXX // FTG. DRILLED XX // TOTAL DRLG HRS. XX // TOTAL MTR HRS.
XXX // AVG R.O.P.XX FPH // REASON PULLED = XXX

BHA #9: RERUN BIT #7 6.75" /(NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N
#12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY
COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4
STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP =
TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659'
DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG
R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 //
RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN
SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT
SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO
SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG.
DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON
PULLED = / PP SPIKE/ MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O,
LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O,
PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC //
XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00" //
BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659' // FTG. DRILLED 114 // TOTAL
DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD
FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5"

PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./1.80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" // ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./1.253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :			
Background Gas :	750	Connection Gas :	2665
Trip Calc :			
		Flare Length :	N/A

Well Incident

Report # :		Incident Date :		Report Date :	
Problem Name :					

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$76,269

Cost to Date : \$2,547,708

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$3,588,259

Report Information

Report # : 29

Report Date : 6/29/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : PICK UP BHA #11/ TEST TOOLS AND MWD/ TIH F/SURFACE - T/6000'

Ops Forecast : FINISH TIH TO SHOE/ CUT DRILL LINE/ TIH TO BTM/ RSS DRILL 6.75 LATERAL TOWARDS TD 21.614'

24hr. Summary : CONVENTIONAL DRILL 6.75" PROD LATERAL F/15,675' - T/15,818' (143' @ 18.1 FPH) MW 12.8 PPG. POOH TO PICK UP RSS. L/D COVENTIONAL TOOL/ CHANGE OUT VIBRATOR HOSE.. TROUBLE SHOT AND REPAIR FLOAT VAVLE ON TOPDRIVE

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 25

Progress : 143.00 ft

MD at Report Time : 15818.00 ft

Rig on Location (days) : 29

Est. TD : 21614.60 ft

TVD At Report Time : 11759.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 7.50

Total Drilling Hours : 336.50

Total Hours : 24.00

Time Code : TROUBLE

Drilling % : 31.25

Rotating % : 66.67

Sliding % : 33.33

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	02:00	2.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15730.00	ROT 6.75" PROD LATERAL F/ 15,675' - T/ 15,730' (55' @ 27.5 FPH) WOB 16/ 20K, RPM- 40 , GPM 275, MRPM 220, SPP 4200 PSI, DIFF 600 PSI, TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
02:00	02:30	0.50	DRLPRL	10A	LUB RIG - DAILY SERVICE	No	08	1	15730.00	RIG SERVICE- TOP DRIVE
02:30	05:00	2.50	DRLPRL	02M	DRILLING - DRILLING - SLIDING	No	08	1	15747.00	SLIDE DRILL 6.75" PROD LATERAL F/ 15,730' - T/ 15,747' (17' @ 6.8 FPH) WOB 5K, TF: 65R, GPM 275, MRPM 220, SPP 3800 PSI, DIFF 200 PSI, DRILLING DOWN FLOW LINE NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
05:00	08:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	08	1	15818.00	ROT 6.75" PROD LATERAL F/ 15,747' - T/ 15,818' (71' @ 23.6 FPH) WOB 16/ 20K, RPM- 40 , GPM 275, MRPM 220, SPP 4200 PSI, DIFF 600 PSI, TQ. 8- 10K, DRILLING DOWN FLOW LINE, NO GAINS OR LOSSES, MW 12.8 PPG W/ 68 VIS.
08:00	08:30	0.50	DRLPRL	08I	TRIPPING - TRIPPING - OTHER	No	08	1	15818.00	PUMP UP SURVEY AND PULL 5 STANDS DP (OFF BOTTOM 260K)
08:30	10:30	2.00	DRLPRL	04B	REAMING - PRECAUTIONARY	No	08	1	15818.00	SAFETY WASH & REAM F/ 15,360' - T/ 15,818' @ 35 RPM, 275 GPM, 220 MRPM, 3600 SPP, 4- 6 TQ, HAD BOTTOMS UP WHILE REAMING TO BOTTOM.
10:30	11:00	0.50	DRLPRL	10A	LUB RIG - DAILY SERVICE	No	08	1	15818.00	RIG SERVICE, BLEW VIBRATING HOSE, HOOK UP 2" HIGH PRESSURE LINE
11:00	13:30	2.50	DRLPRL	08A	TRIPPING - BIT/ BHA	No	08	1	15818.00	FLOW CHECK (STATIC), SLUG DP WITH 65 BBLS 14.9 PPG KILL MUD, PUT ON TRIP TANK & START TOH F/ 15,818' - T/ 10,767', HAD 1 TIGHT SPOT @ 14,450' (7" DOGLEG)
13:30	14:00	0.50	DRLPRL	39A	OTHER - OTHER	No	08	1	15818.00	PULLED ROTATING HEAD, CHECK FLOW (STATIC), CONTINUE TOH
14:00	17:00	3.00	DRLPRL	08A	TRIPPING - BIT/ BHA	No	08	1	15818.00	TOH F/ 10,767' - T/ 3,427' WELL TAKING PROPER FILL
17:00	17:30	0.50	DRLPRL	08A	TRIPPING - BIT/ BHA	No	08	1	15818.00	LAY DOWN AGGITATOR AND X-OS
17:30	20:00	2.50	DRLPRL	08A	TRIPPING - BIT/ BHA	No	08	1	15818.00	CONTINUE POOH F/ 3,427 T/ BHA, WELL TAKING PROPER FILL
20:00	21:00	1.00	DRLPRL	08A	TRIPPING - BIT/ BHA	No	08	1	15818.00	LAY DOWN BHA, BIT GRADE 1-2-CT-S-I-CT-BHA, (NOTE: CONNECTION BETWEEN NONMAG AND PONY COLLAR WAS GALDED. WILL NOT RERUN HAVE SPARES ON LOCATION)
21:00	00:00	3.00	DRLPRL	35V	TROUBLE - RIG FAILURE	Yes	08	1	15818.00	CHANGE OUT VIBRATOR HOSE. TROUBLE SHOT SILINIOD VAVLE FOR FLOAT ON TOPDRIVE

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information			
KB Elevation:		<div>2793.00</div>	ft
Rig(s) for today :		<div>Scan Texas</div>	
Date and Time of Rig Release :		<div></div>	
KB To GL :		<div>25.00</div>	ft
Rig Manager :		<div>TRENT VAUGHT</div>	
Days From Rig Release :		<div>0.00</div>	
Rig Phone :		<div>432-200-2272</div>	
Rig Fax :		<div></div>	

Safety			
Last BOP Test(F) Date :	<div>6/19/2018</div>	Last BOP Pressure :	<div>8500.000</div> psi
Last Csg Date :	<div>6/19/2018</div>	Last Csg Pressure :	<div>1500.000</div> psi
Last BOP Drill Date :	<div>6/28/2018</div>	Last Test MW :	<div>13.10</div>
Last Fire Drill :	<div></div>	Last Test TVD :	<div>11654.00</div> ft
Last Evac Drill :	<div></div>	Last Test Pressure :	<div>846.000</div> psi
Last Lot Fit :		<div>14.50</div>	
Last Spills Reported :		<div></div>	
Last Accidents :		<div></div>	
Last Safety Meeting :		<div>6/29/2018 18:00</div>	
Last Safety Meeting Topic :		<div>TRIPPING</div>	

Contacts			
Day Sup. :	<div>NICK NEWLAND</div>	Phone :	<div>405-761-3414</div>
Night Sup. :	<div>JEREMY GRAY</div>	Phone :	<div></div>
Alt. Phone :	<div></div>	Superintendent :	<div>SANTOS MOROLES</div>
		Geologist :	<div>ALBERT BONDURANT</div>
		Drill. Eng. :	<div>BRANNON SMITH</div>
		Phone :	<div>432-559-4901</div>
		Phone :	<div>205.568.5467</div>
		Phone :	<div>432-818-1777</div>

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

29

Report Date :

6/29/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	15818.	12.80000	60.00	17	22.00	0.0	25282	641.0	76	24	7.8

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
08	1	6.750	HALIBURTON	MMD64		143.00	7.50	19.07	3153.00	118.50	26.61	15675.00	15818.00	18.000	63.406	74.42	10.11
09	1	6.750	HALLIBURTON	GTD64		0.00	0.00	0.00	0.00	0.00	0.00	15818.00	15818.00	0.000	0.000	0.00	0.00

BHA Data

For Bit # :

08

Mud Motor : Total Made :

143

ft

Total BHA Hours :

377.5

Total Hours :

7.50

BHA # :

10

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11677.74

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
MUD MOTOR	1	25.85	5.370	0.000	5.370	0.000	3.5 IF	Box
FLOAT SUB	1	2.70	4.780	2.250	4.780	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	14.84	4.710	2.750	4.710	0.000	3.5 IF	Pin
SUBS	1	3.25	4.780	2.750	4.780	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	29.20	4.740	2.750	4.740	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	26.31	5.170	0.000	5.170	0.000	3.5 IF	Pin
CROSSOVER SUB	1	3.50	5.210	0.000	5.210	0.000	3.5 IF	Pin
DRILLPIPE	105	3291.36	5.130	0.000	5.130	0.000	3.5 IF	Pin
CROSSOVER SUB	1	3.81	4.510	2.750	4.510	0.000	XT-39	Pin
AGITATOR	1	11.19	5.400	3.000	5.400	0.000	XT-39	Box
SHOCK SUB	1	10.90	4.500	3.000	4.500	0.000	XT-39	Box
CROSSOVER SUB	1	3.81	4.500	3.000	4.500	0.000	CET-43	Pin
DRILLPIPE	234	7339.35	4.500	3.000	4.500	0.000	CET 43	Pin
HWDP	30	910.67	4.500	3.000	4.500	0.000	CET 43	Pin

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
08	1	15818.00	18.000	220	40	275	9000.00	4000.00	210	185	200	4100.0	3675.0	425.0

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
08	BOMCO	12.000	5.000	0	0.000	BOMCO	12.000	5.000	94	273.288	3675.00	326	265
09	BOMCO	12.000	5.000	0	0.000	BOMCO	12.000	5.000	0	0.000	0.00	0	0

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	1020.0	30	BOMCO	0.0	0
0.00	BOMCO	1140.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	29	Report Date :	6/29/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
15750.00	89.97	157.2	11759.68		-4129.70		1126.89	4279.95	1.28

Hook Loads		Comments	
Up :	230	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 616 HRS (25.66 DAYS)</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL REPLACE THESE 6 JOINTS)</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5' DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2 CRACKED PINS ON 5" HWDP, HARBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS.</p>	
Down :	160		
Rotating :	195		
Torque :	0		Amps
Torque :	8500.00		ft lbf

DAYS SINCE LAST LTA: (1312 DAYS): LAST OSHA RECORDABLE INCIDENT: (549)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0

CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0

NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 3 HRS. / 95.5 HRS.

RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 3 HRS / 5 HRS

CODE 8: 2 HRS 6/5/18

COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE

2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE

22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED

23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE

20" CONDUCTER SET @ 145'

13 3/8" SURFACE: SET @ 416'

10 3/4" 1 INTERMEDIATE: SET @ 5,002'

7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @ 11,643, FLOAT COLLAR @ 11,743. SHOE @ 11,787). DV TOOL @ 4888' ECP @ 4981'

5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 19 BBLs / 323 BBLs

OBM LOST BEHIND CASING: XX BBLs

OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs

OBM LOST: 10 BBLs TO CUTTINGS // TOTAL= 177 BBLs

OBM LOST: 0 BBLs// TOTAL = 137 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES

ADDITIONS :31 BBL// TOTAL 411-BBLs

OBM RECOVERED FROM NOV DRYER SHAKERS -9 BBL/ 17 BBLs RECOVERED TO DATE.

STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2667 BBLs

TRANSFERRED OUT 0 BBLs

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:

RIG FUEL (DAILY/TOTAL): 798 / 27,083 GALS

MUD DIESEL (DAILY/TOTAL): 899 / 7501 GALS

AUXILIARY EQUIPMENT (DAILY/TOTAL): 25 / 2,533 GALS

CERTARUS CNG (DAILY/ TOTAL) 301.91 MCF / 12,281.07 TOTAL MCF

ORIGINAL TARGET LINE -

TARGET CHANGE : 6-25-18 AT 13:30 BY AL @ V.S.=0, Inc=90.50, TVD=11795.85

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6.4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER // 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT XXXXXX' // FTG. DRILLED XXXX // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XXXX // AVG R.O.P. XXX FPH // REASON PULLED = ? // BIT GRADE=XXXXX

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" / (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO

SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62// BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" // ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Connection Gas :

Flare Length :

Trip Calc :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$107,404

Cost to Date : \$2,655,112

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$3,695,663

Report Information

Report # : 30

Report Date : 6/30/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : CONTINUE WASH AND REAM F/15,050' - T/15,607. DOWNLINK POWERDRIVE // CONT. WASH AND REAM F/15,607' - T/15,750' RSS DRILL F/15,818 T/XXXXX

Ops Forecast : CONTINUE REAMING (PHOENIX RSS TO BTM/ RSS DRILL 6.75 LATERAL TOWARDS 21.614'

24hr. Summary : TIH W/BHA #11 (PHOENIX RSS). CUT/SLIP DRLG LINE. TIH T/13,740'. START WASH/REAM W/RSS F/13,740' - T/15,050'

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 26

Progress : 0.00 ft

MD at Report Time : 15818.00 ft

Rig on Location (days) : 30

Est. TD : 21614.60 ft

TVD At Report Time : 11759.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 336.50

Total Hours : 24.00

Time Code : REAMING

Drilling % : 0.00

Rotating % : 0.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLPRL	08I	TRIPPING - TRIPPING - OTHER	No	09	1	15818.00	PU AND TEST PHOENIX RSS AS FOLLOWS: BIT # 9- 6.75" HALLIBURTON GTD64DM, S/ N # 13020928 W/ -6- 15' S= TFA 1. 03544 // RSS TOOL 4. 85 // 6. 14" STABILIZER // 4. 80" FILTER SUB // 4. 76" DOUBLE PIN X - OVER // 5. 16" FIXED STRAIGHT PHOENIX/ NOV MUD MOTOR (6/ 7 LOBE 6: 4 STAGE . 80 REV GAL) WITH 5. 82" STAB/ KICK // 4. 78" FLOAT SUB // 4. 76" NM PONY // 4. 75 PONY SUB// 4. 74" VC X - OVER // 5. 02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4. 6" NMDC // IF X CET 43 X - OVER // 339 JTS 4. 5" DP // 30 - JNTS HWDP = TOTAL BHA LGTH. = 11, 666. 70' // BIT TO SURVEY 83' // BIT TO GAMMA 80. 28'
03:00	10:00	7.00	DRLPRL	08A	TRIPPING - BIT/ BHA	No	09	1	15818.00	TIH F/ SURFACE - T/ 11, 760' FILLING PIPE EVERY 30 STDS, HOLE DISPLACING PROPERLY, INSTALL ROTATING HEAD
10:00	12:00	2.00	DRLPRL	12A	SLIP & CUT DRLG LINE - LINE	No	09	1	15818.00	SLIP & CUT DRLG LINE, ALSO INSPECTED FACTORY KINK IN DEAD LINE (OK)
12:00	13:30	1.50	DRLPRL	08A	TRIPPING - BIT/ BHA	No	09	1	15818.00	CONTINUE TIH F/ 11, 760' - T/ 13, 740', TAGGED UP AND TAKING WEIGHT
13:30	00:00	10.50	DRLPRL	04A	REAMING - WASH & REAM	Yes	09	1	15818.00	START WASHING & REAMING THROUGH DOGLEGS WITH RSS F/ 13, 740' - T/ 13, 925' @ 2- 5 WOB, 20 RPM, 176 MRPM, 220 GPM, 2900 SPP, 4- 5K TQ, , ATTEMPT TO RUN 1 STAND ON ELEVATORS, HUNG UP @ 14, 051' (150K OVER STRING WT TO PULL FREE), RESUME WASH/ REAM F/ 14, 025' - T/ 15, 050'

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation: 2793.00 ft

KB To GL: 25.00 ft

Rig(s) for today : Scan Texas

Rig Manager : TRENT VAUGHT

Rig Phone : 432-200-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date : 6/19/2018

Last BOP Pressure : 8500.000 psi

Last Lot Fit : 14.50

Last Csg Date : 6/19/2018

Last Csg Pressure : 1500.000 psi

Last Spills Reported :

Last BOP Drill Date : 6/28/2018

Last Test MW : 13.10

Last Accidents :

Last Fire Drill :

Last Test TVD : 11654.00 ft

Last Safety Meeting : 6/30/2018 18:00

Last Evac Drill :

Last Test Pressure : 846.000 psi

Last Safety Meeting Topic : TRIPPING

Contacts							
Day Sup. :	NICK NEWLAND	Phone :	405-761-3414	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	JEREMY GRAY	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :				Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

30

Report Date :

6/30/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

Rich

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	15818.	12.80000	60.00	15	23.00	0.0	25740	645.0	75	25	7.6

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
09	1	6.750	HALLIBURT	GTD64		0.00	0.00	0.00	0.00	0.00	15818.0	15818.0	5.000	53.656	68.46	6.92	

BHA Data

For Bit # :

09

Mud Motor : Total Made :

0

ft

Total BHA Hours :

388.0

Total Hours :

0.00

BHA # :

11

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11665.70

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
DRILLING SYSTEMS	1	14.84	5.370	0.000	5.370	0.000	3.5 IF	Box
STABILIZERS	1	4.85	4.780	2.250	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.750	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	24.44	5.170	0.000	5.170	0.000	3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	0.000	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	4.510	2.750	4.510	0.000	3.5 IF	Pin
SUBS	1	1.41	5.400	3.000	5.400	0.000	3.5 IF	Box
SUBS	1	3.41	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.34	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.75	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	3.000	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	2.750	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.71	4.500	2.750	5.000	0.000	CET 43	Box
HMDP	30	910.67	0.000	0.000	0.000	0.000		

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
09	1	0.00	5.000	176	20	220	4500.00	4500.00	220	180	200	2818.0	2700.0	118.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
09	BOMCO	12.000	5.000	76	220.956	BOMCO	12.000	5.000	0	0.000	0.00	263	214

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	1020.0	30	BOMCO	0.0	0
0.00	BOMCO	1140.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	30	Report Date :	6/30/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	EW	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	220	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 640 HRS (26.66 DAYS)</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL REPLACE THESE 6 JOINTS)</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5' DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2 CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS.</p>
Down :	180	
Rotating :	200	
Torque :	0 Amps	
Torque :	5500.00 ft lbf	

DAYS SINCE LAST LTA: (1313 DAYS): LAST OSHA RECORDABLE INCIDENT: (550)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0

CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0

NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 10.5 HRS. / 106 HRS.

RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 3 HRS / 5 HRS

CODE 8: 2 HRS 6/5/18

COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE

2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE

22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED

23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\

10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS

20" CONDUCTER SET @ 145'

13 3/8" SURFACE: SET @ 416'

10 3/4" 1 INTERMEDIATE: SET @ 5,002'

7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'

5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 0 BBLS / 323 BBLS

OBM LOST BEHIND CASING: XX BBLS

OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS

OBM LOST: 10 BBLS TO CUTTINGS // TOTAL= 177 BBLS

OBM LOST: 0 BBLS// TOTAL = 137 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES

ADDITIONS :5 BBL// TOTAL 416-BBLS

OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLS RECOVERED TO DATE.

STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2672 BBLS

TRANSFERRED OUT 0 BBLS

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:

RIG FUEL (DAILY/TOTAL): 673 / 27,756 GALS

MUD DIESEL (DAILY/TOTAL): 201 / 7702 GALS

AUXILIARY EQUIPMENT (DAILY/TOTAL): 0 / 2,533 GALS

CERTARUS CNG (DAILY/ TOTAL) 669.12 MCF / 12,950.19 TOTAL MCF

ORIGINAL TARGET LINE -

TARGET CHANGE : 6-25-18 AT 13:30 BY AL @V.S.=0, Inc=90.50, TVD=11795.85

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6.4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER // 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT XXXXXX' // FTG. DRILLED XXXX // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XXXX // AVG R.O.P. XXX FPH // REASON PULLED = ? // BIT GRADE=XXXXX

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" / (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT

SUB. // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61" // DEPTH IN 12,659' DEPTH OUT 12,663' // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61" // DEPTH IN 12,583' DEPTH OUT 12,659' // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92" // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)

Mud Log

Formation :

Background Gas :	450	Connection Gas :	N/A	Flare Length :	N/A
Trip Calc :					

Well Incident					
Report # :		Incident Date :		Report Date :	
Problem Name :					

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$86,296

Cost to Date : \$2,803,122

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$3,843,673

Report Information

Report # : 32

Report Date : 7/2/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : RSS DRLD 6 3/4" LATERAL F/16.840' -T/16.980' (140' @ 25.4 FPH) MW 12.8 PPG

Ops Forecast : RSS DRILL 6 3/4" LATERAL TOWARDS ETD @ 21.614'

24hr. Summary : RSS DRLD 6 3/4" LATERAL F/16.184' -T/16.840' (656' @ 28.5 FPH) MW 12.8 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 28

Progress : 656.00 ft

MD at Report Time : 16840.00 ft

Rig on Location (days) : 32

Est. TD : 21614.60 ft

TVD At Report Time : 11751.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 23.50

Total Drilling Hours : 376.00

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 97.92

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	16280.00	RSS DRILL 6 3/4" LATERAL; F/ 16184' - T/ 16,280' (96' @ 32 FPH) 17 WOB, 50 RPM, 250 GPM, 200 MRPM, 3600 SPP, 300 DIFF, 8- 9K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
03:00	06:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	16354.00	RSS DRILL 6 3/4" LATERAL; F/ 16,280' - T/ 16,354' (74' @ 24.6 FPH) 17 WOB, 50 RPM, 250 GPM, 200 MRPM, 3600 SPP, 300 DIFF, 8- 9K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
06:00	09:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	16444.00	RSS DRILL 6 3/4" LATERAL; F/ 16,354' - T/ 16,444' (90' @ 30 FPH) 14 WOB, 60 RPM, 250 GPM, 200 MRPM, 3700 SPP, 250 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
09:00	12:30	3.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	16562.00	RSS DRILL 6 3/4" LATERAL; F/ 16,444' - T/ 16,562' (118' @ 33.7 FPH) 14 WOB, 60 RPM, 250 GPM, 200 MRPM, 3700 SPP, 250 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
12:30	13:00	0.50	DRLPRL	10A	LUB RIG - DAILY SERVICE	No	09	1	16562.00	RIG SERVICE
13:00	16:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	16617.00	RSS DRILL 6 3/4" LATERAL; F/ 16,562' - T/ 16,617' (55' @ 18.3 FPH) 14 WOB, 60 RPM, 250 GPM, 200 MRPM, 3600 SPP, 250 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
16:00	18:00	2.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	16670.00	RSS DRILL 6 3/4" LATERAL; F/ 16,617' - T/ 16,670' (54' @ 27 FPH) 14 WOB, 60 RPM, 250 GPM, 200 MRPM, 3600 SPP, 250 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
18:00	21:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	16757.00	RSS DRILL 6 3/4" LATERAL; F/ 16,670' - T/ 16,757' (87' @ 29 FPH) 14 WOB, 50 RPM, 250 GPM, 200 MRPM, 3600 SPP, 350 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
21:00	00:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	16840.00	RSS DRILL 6 3/4" LATERAL; F/ 16,757' - T/ 16,840' (83' @ 27.6 FPH) 14 WOB, 50 RPM, 250 GPM, 200 MRPM, 3600 SPP, 350 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation: 2793.00 ft

KB To GL: 25.00 ft

Rig(s) for today : Scan Texas

Rig Manager : TRENT VAUGHT

Rig Phone : 432-200-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date : 6/19/2018

Last BOP Pressure : 8500.000 psi

Last Lot Fit : 14.50

Last Csg Date : 6/19/2018

Last Csg Pressure : 1500.000 psi

Last Spills Reported :

Last BOP Drill Date :	6/28/2018	Last Test MW :	13.10	Last Accidents :		
Last Fire Drill :		Last Test TVD :	11654.00	ft	Last Safety Meeting :	7/2/2018 18:00
Last Evac Drill :		Last Test Pressure :	846.000	psi	Last Safety Meeting Topic :	HAND TOOL INSPECTION

Contacts							
Day Sup. :	NICK NEWLAND	Phone :	405-761-3414	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	JEREMY GRAY	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :				Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

32

Report Date :

7/2/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

Clay Rich

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	16683.	12.80000	58.00	15	22.00	0.0	27251	663.0	77	23	7.2

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
09	1	6.750	HALLIBURT	GTD64		656.00	23.50	27.91	1022.00	39.50	25.87	16184.00	16840.00	0.000	68.705	77.47	10.03

BHA Data

For Bit # :

09

Mud Motor : Total Made :

656

ft

Total BHA Hours :

435.0

Total Hours :

23.50

BHA # :

11

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11665.70

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
DRILLING SYSTEMS	1	14.84	5.370	0.000	5.370	0.000	3.5 IF	Box
STABILIZERS	1	4.85	4.780	2.250	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.750	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	24.44	5.170	0.000	5.170	0.000	3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	0.000	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	4.510	2.750	4.510	0.000	3.5 IF	Pin
SUBS	1	1.41	5.400	3.000	5.400	0.000	3.5 IF	Box
SUBS	1	3.41	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.34	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.75	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	3.000	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	2.750	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.71	4.500	2.750	5.000	0.000	CET 43	Box
HMDP	30	910.67	0.000	0.000	0.000	0.000		

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
09	BOMCO	12.000	5.000	86	250.029	BOMCO	12.000	5.000	0	0.000	3600.00	298	242

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	1020.0	30	BOMCO	0.0	0
0.00	BOMCO	1080.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 32 Report Date : 7/2/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
16197.00	90.51	162.4	11760.44		-4554.69		1265.05	4726.63	1.31
16291.00	91.31	160.6	11758.94		-4643.82		1294.85	4820.55	2.04
16385.00	93.24	161.8	11755.21		-4732.74		1325.08	4914.38	2.38
16479.00	90.98	161.3	11751.75		-4821.85		1354.77	5008.25	2.43
16573.00	89.35	161.0	11751.48		-4910.83		1385.09	5102.16	1.73
16667.00	90.05	160.8	11751.97		-4999.66		1415.83	5196.05	0.78

Hook Loads

Up : 250
Down : 150
Rotating : 200
Torque : 0 Amps
Torque : 9000.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT: N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 688 HRS (28.66 DAYS)

UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARDBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL REPLACE THESE 6 JOINTS)

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2 CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS.

DAYS SINCE LAST LTA: (1315 DAYS): LAST OSHA RECORDABLE INCIDENT: (552)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0

CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0

NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 110 HRS.

RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS

CODE 8: 2 HRS 6/5/18

COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE

2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE

22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED

23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\

10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS

4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS

20" CONDUCTER SET @ 145'

13 3/8" SURFACE: SET @ 416'

10 3/4" 1 INTERMEDIATE: SET @ 5,002'

7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT

COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'

5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 44 BBLS / 389 BBLS

OBM LOST BEHIND CASING: XX BBLS

OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS

OBM LOST: 27 BBLS TO CUTTINGS // TOTAL= 217 BBLS

OBM LOST: 16 BBLS// TOTAL = 175 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES

ADDITIONS 60 BBL// TOTAL 509-BBLS

OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLS RECOVERED TO DATE.

STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2700 BBLS

TRANSFERRED OUT 0 BBLS

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:

RIG FUEL (DAILY/TOTAL): 1270 / 30,162 GALS

MUD DIESEL (DAILY/TOTAL): 1267/ 9,609 GALS

AUXILIARY EQUIPMENT (DAILY/TOTAL): 0 / 2,533 GALS

CERTARUS CNG (DAILY/ TOTAL) 1122.02 MCF / 14,805.11 TOTAL MCF

ORIGINAL TARGET LINE -

TARGET CHANGE : 6-25-18 AT 13:30 BY AL @V.S.=0, Inc=90.50, TVD=11795.85

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6.4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER // 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT XXXXXX' // FTG. DRILLED XXXX // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XXXX // AVG R.O.P. XXX FPH // REASON PULLED = ? // BIT GRADE=XXXXX

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74' // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41' // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN

SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41.// BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62.// BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Formation :		Connection Gas :		Flare Length :	
Background Gas :					
Trip Calc :					

Well Incident					
Report # :		Incident Date :		Report Date :	
Problem Name :					

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$64,839

Cost to Date : \$2,832,216

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$3,872,767

Report Information

Report # : 33

Report Date : 7/3/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : RSS DRLD 6 3/4" LATERAL F/17.331' -T/17.440' (109' @ 19.8 FPH) MW 12.8 PPG

Ops Forecast : RSS DRILL 6 3/4" LATERAL TOWARDS ETD @ 21.614'

24hr. Summary : RSS DRLD 6 3/4" LATERAL F/16.840' -T/17.331' (491' @ 20.9 FPH) MW 12.8 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 29

Progress : 491.00 ft

MD at Report Time : 17331.00 ft

Rig on Location (days) : 33

Est. TD : 21614.60 ft

TVD At Report Time : 11748.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 23.50

Total Drilling Hours : 399.50

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 97.92

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	16914.00	RSS DRILL 6 3/4" LATERAL; F/ 16, 840' - T/ 16, 914' (74' @ 24.6 FPH) 16 WOB, 50 RPM, 250 GPM, 200 MRPM, 3700 SPP, 450 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
03:00	06:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	16980.00	RSS DRILL 6 3/4" LATERAL; F/ 16, 914' - T/ 16, 980' (66' @ 22 FPH) 16 WOB, 50 RPM, 250 GPM, 200 MRPM, 3700 SPP, 450 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
06:00	09:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17039.00	RSS DRILL 6 3/4" LATERAL; F/ 16, 980' - T/ 17, 039' (59' @ 19.6 FPH) 17 WOB, 60 RPM, 250 GPM, 200 MRPM, 3700 SPP, 450 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
09:00	12:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17090.00	RSS DRILL 6 3/4" LATERAL; F/ 17, 039' - T/ 17, 090' (51' @ 17 FPH) 17 WOB, 60 RPM, 250 GPM, 200 MRPM, 3700 SPP, 450 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
12:00	13:30	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17128.00	RSS DRILL 6 3/4" LATERAL; F/ 17, 090' - T/ 17, 128' (38' @ 25.3 FPH) 17 WOB, 60 RPM, 250 GPM, 200 MRPM, 3700 SPP, 450 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
13:30	14:00	0.50	DRLPRL	10A	LUB RIG - DAILY SERVICE	No	09	1	17128.00	SERVICE RIG
14:00	18:00	4.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17245.00	RSS DRILL 6 3/4" LATERAL; F/ 17, 128' - T/ 17, 245' (117' @ 29.25 FPH) 20 WOB, 60 RPM, 250 GPM, 200 MRPM, 3800 SPP, 450 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
18:00	21:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17287.00	RSS DRILL 6 3/4" LATERAL; F/ 17, 245' - T/ 17, 287' (42' @ 14 FPH) 20 WOB, 60 RPM, 250 GPM, 200 MRPM, 3800 SPP, 400 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
21:00	00:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17331.00	RSS DRILL 6 3/4" LATERAL; F/ 17, 287' - T/ 17, 331' (44' @ 14.6 FPH) 20 WOB, 60 RPM, 250 GPM, 200 MRPM, 3800 SPP, 400 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation: 2793.00 ft

KB To GL: 25.00 ft

Rig(s) for today : Scan Texas

Rig Manager : TRENT VAUGHT

Rig Phone : 432-200-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date : 6/19/2018

Last BOP Pressure : 8500.000 psi

Last Lot Fit : 14.50

Last Csg Date : 6/19/2018

Last Csg Pressure : 1500.000 psi

Last Spills Reported :

Last BOP Drill Date :	6/28/2018	Last Test MW :	13.10	Last Accidents :		
Last Fire Drill :		Last Test TVD :	11654.00	ft	Last Safety Meeting :	7/3/2018 18:00
Last Evac Drill :		Last Test Pressure :	846.000	psi	Last Safety Meeting Topic :	LOCK OUT/TAG OUT

Contacts							
Day Sup. :	NICK NEWLAND	Phone :	405-761-3414	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	JEREMY GRAY	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :				Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	33	Report Date :	7/3/2018
------------	----	---------------	----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer :	CLAY RICH	Mud Type :	Oil Base Mud	Polymer Type :	
----------------	-----------	------------	--------------	----------------	--

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:22	17247.	12.80000	57.00	16	22.00	0.0	26192	670.0	75	25	7.2

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
09	1	6.750	HALLIBURT	GTD64		491.00	23.50	20.89	1513.00	63.00	24.02	16840.00	17331.00	17.000	68.705	77.47	10.03

BHA Data

For Bit # :	09	Mud Motor : Total Made :	491	ft
Total BHA Hours :	458.5	Total Hours :	23.50	
BHA # :	11	DC OD :	5.000	in
		DP OD :	4.500	in
		BHA Length :	11665.70	ft
		BHA Weight :	0.00	M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
DRILLING SYSTEMS	1	14.84	5.370	0.000	5.370	0.000	3.5 IF	Box
STABILIZERS	1	4.85	4.780	2.250	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.750	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	24.44	5.170	0.000	5.170	0.000	3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	0.000	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	4.510	2.750	4.510	0.000	3.5 IF	Pin
SUBS	1	1.41	5.400	3.000	5.400	0.000	3.5 IF	Box
SUBS	1	3.41	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.34	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.75	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	3.000	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	2.750	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.71	4.500	2.750	5.000	0.000	CET 43	Box
HMDP	30	910.67	0.000	0.000	0.000	0.000		

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
09	1	17331.00	17.000	200	60	250	9500.00	4500.00	250	150	210	3800.0	3450.0	350.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
09	BOMCO	12.000	5.000	86	250.029	BOMCO	12.000	5.000	0	0.000	3800.00	298	242

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
17128.00	BOMCO	1100.0	30	BOMCO	0.0	0
0.00	BOMCO	1280.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 33 Report Date : 7/3/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
16856.00	93.16	162.7	11747.61		-5178.90		1475.51	5384.84	2.61
16951.00	88.79	161.2	11745.99		-5269.20		1504.90	5479.76	4.79
17045.00	88.98	161.4	11747.82		-5358.21		1535.04	5573.66	0.25
17140.00	90.27	161.4	11748.44		-5448.24		1565.35	5668.58	1.34
17234.00	90.16	161.1	11748.09		-5537.24		1595.60	5762.49	0.39

Hook Loads

Up : 250
Down : 150
Rotating : 210
Torque : 0 Amps
Torque : 10000.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT: N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 712 HRS (29.66 DAYS)

UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARDBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL REPLACE THESE 6 JOINTS)

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5' DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2 CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS.

DAYS SINCE LAST LTA: (1316 DAYS): LAST OSHA RECORDABLE INCIDENT: (553)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0

CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0

NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 110 HRS.

RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS

CODE 8: 2 HRS 6/5/18

COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE

2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE

22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED

23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\

10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS

4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS

20" CONDUCTER SET @ 145'

13 3/8" SURFACE: SET @ 416'

10 3/4" 1 INTERMEDIATE: SET @ 5,002'

7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT

COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'

5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 35 BBLs / 424 BBLs

OBM LOST BEHIND CASING: XX BBLs

OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs

OBM LOST: 26 BBLs TO CUTTINGS // TOTAL= 243 BBLs

OBM LOST: 9 BBLs// TOTAL = 184 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,

LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES

ADDITIONS 48 BBL// TOTAL 557-BBLs

OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLs RECOVERED TO DATE.

STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2712 BBLs

TRANSFERRED OUT 0 BBLs

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:

RIG FUEL (DAILY/TOTAL): 810 / 30,972 GALS

MUD DIESEL (DAILY/TOTAL): 1082/ 10691 GALS

AUXILIARY EQUIPMENT (DAILY/TOTAL): 20 / 2,553 GALS

CERTARUS CNG (DAILY/ TOTAL) 1181.63 MCF / 15,986.74 TOTAL MCF

ORIGINAL TARGET LINE -

TARGET CHANGE : 6-25-18 AT 13:30 BY AL @V.S.=0, Inc=90.50, TVD=11795.85

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6.4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER // 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT XXXXXX' // FTG. DRILLED XXXX // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XXXX // AVG R.O.P. XXX FPH // REASON PULLED = ? // BIT GRADE=XXXXX

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN

SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41.// BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62.// BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Formation :		Connection Gas :	2000	Flare Length :	
Background Gas :	525				
Trip Calc :					

Well Incident					
Report # :		Incident Date :		Report Date :	
Problem Name :					

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$73,180

Cost to Date : \$2,905,396

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$3,945,947

Report Information

Report # : 34

Report Date : 7/4/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : RSS DRLD 6 3/4" LATERAL F/17.976' -T/18.100' (124' @ 22.5 FPH) MW 12.8 PPG

Ops Forecast : RSS DRILL 6 3/4" LATERAL TOWARDS ETD @ 21.614'

24hr. Summary : RSS DRLD 6 3/4" LATERAL F/17.331' -T/17.976' (645' @ 26.9 FPH) MW 12.8 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 30

Progress : 645.00 ft

MD at Report Time : 17976.00 ft

Rig on Location (days) : 34

Est. TD : 21614.60 ft

TVD At Report Time : 11734.85 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 23.50

Total Drilling Hours : 423.00

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 97.92

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17375.00	RSS DRILL 6 3/4" LATERAL; F/17,331' - T/17,375' (44' @ 14.6 FPH) 20 WOB, 60 RPM, 250 GPM, 200 MRPM, 3800 SPP, 400 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSSES
03:00	06:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17440.00	RSS DRILL 6 3/4" LATERAL; F/17,375' - T/17,440' (65' @ 21.6 FPH) 20 WOB, 60 RPM, 250 GPM, 200 MRPM, 3800 SPP, 400 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSSES
06:00	09:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17490.00	RSS DRILL 6 3/4" LATERAL; F/17,440' - T/17,490' (50' @ 16.6 FPH) 20/24 WOB, 60 RPM, 250 GPM, 200 MRPM, 3800 SPP, 400 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSSES
09:00	12:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17601.00	RSS DRILL 6 3/4" LATERAL; F/17,490' - T/17,601' (111' @ 37 FPH) 24 WOB, 60 RPM, 250 GPM, 200 MRPM, 4000 SPP, 400 DIFF, 9- 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSSES
12:00	12:30	0.50	DRLPRL	10A	LUB RIG - DAILY SERVICE	No	09	1	17601.00	RIG SERVICE
12:30	15:30	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17713.00	RSS DRILL 6 3/4" LATERAL; F/17,601' - T/17,713' (112' @ 37.3 FPH) 24 WOB, 60 RPM, 250 GPM, 200 MRPM, 3900 SPP, 400 DIFF, 10- 11K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSSES
15:30	18:00	2.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17800.00	RSS DRILL 6 3/4" LATERAL; F/17,713' - T/17,800' (87' @ 34.8 FPH) 18- 24 WOB, 60 RPM, 250 GPM, 200 MRPM, 3800- 3900 SPP, 350- 450 DIFF, 10- 11K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSSES
18:00	21:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17909.00	RSS DRILL 6 3/4" LATERAL; F/17,800' - T/17,909' (109' @ 36.3 FPH) 18- 24 WOB, 60 RPM, 250 GPM, 200 MRPM, 3400- 3600 SPP, 350- 450 DIFF, 10- 11K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSSES
21:00	00:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	17976.00	RSS DRILL 6 3/4" LATERAL; F/17,909' - T/17,976' (67' @ 22.3 FPH) 16- 18 WOB, 60 RPM, 250 GPM, 200 MRPM, 3500- 3700 SPP 300- 450 DIFF, 10- 11K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSSES

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation: 2793.00 ft

KB To GL: 25.00 ft

Rig(s) for today : Scan Texas

Rig Manager : ROCKY BROUMLEY

Rig Phone : 432-200-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Last BOP Test(F) Date :	<div>6/19/2018</div>	Last BOP Pressure :	<div>8500.000</div>	psi	Last Lot Fit :	<div>14.50</div>
Last Csg Date :	<div>6/19/2018</div>	Last Csg Pressure :	<div>1500.000</div>	psi	Last Spills Reported :	<div></div>
Last BOP Drill Date :	<div>6/28/2018</div>	Last Test MW :	<div>13.10</div>		Last Accidents :	<div></div>
Last Fire Drill :	<div></div>	Last Test TVD :	<div>11654.00</div>	ft	Last Safety Meeting :	<div>7/4/2018 18:00</div>
Last Evac Drill :	<div></div>	Last Test Pressure :	<div>846.000</div>	psi	Last Safety Meeting Topic :	<div>HEAT AWARENESS</div>

Contacts							
Day Sup. :	<div>NICK NEWLAND</div>	Phone :	<div>405-761-3414</div>	Superintendent :	<div>SANTOS MOROLES</div>	Phone :	<div>432-559-4901</div>
Night Sup. :	<div></div>	Phone :	<div></div>	Geologist :	<div>ALBERT BONDURANT</div>	Phone :	<div>205.568.5467</div>
Alt. Phone :	<div></div>			Drill. Eng. :	<div>BRANNON SMITH</div>	Phone :	<div>432-818-1777</div>

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

34

Report Date :

7/4/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

CLAY RICH

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	04:05	17486.	12.90000	62.00	17	22.00	0.0	24819	630.0	75	25	7.2

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
09	1	6.750	HALLIBURT	GTD64		645.00	23.50	27.45	2158.00	86.50	24.95	17331.00	17976.00	19.000	69.242	77.47	10.10

BHA Data

For Bit # :

09

Mud Motor : Total Made :

645

ft

Total BHA Hours :

482.0

Total Hours :

23.50

BHA # :

11

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11665.70

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
DRILLING SYSTEMS	1	14.84	5.370	0.000	5.370	0.000	3.5 IF	Box
STABILIZERS	1	4.85	4.780	2.250	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.750	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	24.44	5.170	0.000	5.170	0.000	3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	0.000	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	4.510	2.750	4.510	0.000	3.5 IF	Pin
SUBS	1	1.41	5.400	3.000	5.400	0.000	3.5 IF	Box
SUBS	1	3.41	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.34	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.75	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	3.000	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	2.750	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.71	4.500	2.750	5.000	0.000	CET 43	Box
HMWP	30	910.67	0.000	0.000	0.000	0.000		

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
09	1	17976.00	19.000	200	60	250	10500.00	6500.00	250	150	210	3900.0	3450.0	450.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
09	BOMCO	12.000	5.000	86	250.029	BOMCO	12.000	5.000	0	0.000	3900.00	298	242

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
17601.00	BOMCO	1160.0	30	BOMCO	0.0	0
12.80	BOMCO	1320.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			

Report Information		Operations	
Report # :	34	Report Date :	7/4/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
17423.00	89.64	160.5	11747.15		-5715.76		1657.65	5951.26	1.18
17518.00	90.45	160.0	11747.07		-5805.17		1689.75	6046.09	0.95
17612.00	91.88	161.0	11745.16		-5893.77		1721.08	6139.92	1.82
17705.00	91.39	161.1	11742.51		-5981.70		1751.27	6232.79	0.52
17800.00	90.59	159.7	11740.87		-6071.17		1783.15	6327.61	1.63

Hook Loads	Comments
Up: 250000	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 736 HRS (30.66 DAYS)</p> <p>-----</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL REPLACE THESE 6 JOINTS)</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2 CRACKED PINS ON 5" HWDP, HARBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO</p>
Down: 140000	
Rotating: 184000	
Torque: 0 Amps	
Torque: 10500.00 ft lbf	

DAYS SINCE LAST LTA: (1317 DAYS): LAST OSHA RECORDABLE INCIDENT: (554)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
 CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
 NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 110 HRS.
 RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
 CODE 8: 2 HRS 6/5/18
 COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE
 2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
 22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
 23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\
 10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
 4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS

20" CONDUCTOR SET @ 145'
 13 3/8" SURFACE: SET @ 416'
 10 3/4" 1 INTERMEDIATE: SET @ 5,002'
 7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @ 11,643, FLOAT COLLAR @ 11,743. SHOE @ 11,787). DV TOOL @ 4888' ECP @ 4981'
 5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 36 BBLS / 460 BBLS
 OBM LOST BEHIND CASING: XX BBLS
 OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
 OBM LOST: 28 BBLS TO CUTTINGS // TOTAL= 271 BBLS
 OBM LOST: 9 BBLS// TOTAL = 193 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS 63 BBL// TOTAL 620-BBLS
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLS RECOVERED TO DATE.
 STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2739 BBLS
 TRANSFERRED OUT 0 BBLS

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:

RIG FUEL (DAILY/TOTAL): 1007 / 31,169 GALS
 MUD DIESEL (DAILY/TOTAL): 963 / 11,654 GALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): 90 / 2623 GALS
 CERTARUS CNG (DAILY/ TOTAL) 1070.83 MCF / 17,057.57 TOTAL MCF

ORIGINAL TARGET LINE -

TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, Inc= 90.50°, TVD= 11795.85

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER // 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT XXXXXX' // FTG. DRILLED XXXX // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XXXX // AVG R.O.P. XXX FPH // REASON PULLED = ? // BIT GRADE=XXXXX

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" // (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61" // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61" // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Connection Gas :

Flare Length :

Trip Calc :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$85,908

Cost to Date : \$2,991,304

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$4,031,855

Report Information

Report # : 35

Report Date : 7/5/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : CONT TOH "LOOKING FOR WASH-OUT" F/14,712'- T/3700' AT RPT TIME.

Ops Forecast : TOH, LOCATE WASH-OUT IN DRILL STRING. TEST BOPS WHILE OOH. TIH T/18,573' RSS DRILL 6 3/4" LATERAL TOWARDS ETD @ 21,614'

24hr. Summary : RSS DRLD 6 3/4" LATERAL F/17,976' - T/18,573' (597' @ 29.9 FPH) MW 12.8+ PPG. TOH LOOKING FOR WASH OUT F/18,573' T/14,712' AT RPT TIME.

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 31

Progress : 597.00 ft

MD at Report Time : 18573.00 ft

Rig on Location (days) : 35

Est. TD : 21614.60 ft

TVD At Report Time : 11715.11 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 19.50

Total Drilling Hours : 442.50

Total Hours : 24.00

Time Code : TROUBLE

Drilling % : 81.25

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Activity		NPT	Bit #	Run #	Depth (ft)	Remarks
				Time Code	Description					
00:00	03:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	18042.00	RSS DRILL 6 3/4" LATERAL; F/ 17, 976' - T/ 18, 042' (66' @ 22 FPH) 16- 20 WOB, 60 RPM, 250 GPM, 200 MRPM, 3800 SPP 400 DIFF, 10- 11K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
03:00	06:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	18100.00	RSS DRILL 6 3/4" LATERAL; F/ 18, 042' - T/ 18, 100' (58' @ 19.3 FPH) 16- 20 WOB, 60 RPM, 250 GPM, 200 MRPM, 3800 SPP 400 DIFF, 10- 11K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
06:00	09:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	18200.00	RSS DRILL 6 3/4" LATERAL; F/ 18, 100' - T/ 18, 200' (100' @ 33.3 FPH) 20/ 24 WOB, 60 RPM, 250 GPM, 200 MRPM, 3850 SPP 400 DIFF, 10- 11K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
09:00	12:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	18310.00	RSS DRILL 6 3/4" LATERAL; F/ 18, 200' - T/ 18, 310' (110' @ 36.6 FPH) 20/ 24 WOB, 60 RPM, 250 GPM, 200 MRPM, 3900 SPP 400/ 450 DIFF, 10- 11K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
12:00	13:30	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	18354.00	RSS DRILL 6 3/4" LATERAL; F/ 18, 310' - T/ 18, 354' (44' @ 29.3 FPH) 20/ 24 WOB, 60 RPM, 250 GPM, 200 MRPM, 3900 SPP 400/ 450 DIFF, 10- 11K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
13:30	14:00	0.50	DRLPRL	10A	LUB RIG - DAILY SERVICE	No	09	1	18354.00	RIG SERVICE
14:00	18:00	4.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	18495.00	RSS DRILL 6 3/4" LATERAL; F/ 18, 354' - T/ 18, 495' (141') @ 35.3 FPH) 20/ 24 WOB, 60 RPM, 250 GPM, 200 MRPM, 3900 SPP 400/ 450 DIFF, 10- 11K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES
18:00	20:00	2.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	09	1	18573.00	RSS DRILL 6 3/4" LATERAL; F/ 18, 495' - T/ 18, 573' (78') @ 39 FPH) 14/ 17 WOB, 60 RPM, 250 GPM, 200 MRPM, 3600 - 3850 SPP 400/ 450 DIFF, 10- 11K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 12.8- PPG IN/OUT
20:00	20:30	0.50	DRLPRL	35L	TROUBLE - EF - WASHOUT	Yes	09	1	18573.00	TROUBLE SHOOT LOSS OF PRESSURE IN DRILL STRING (800- PSI). CK SURFACE EQUIPMENT, GOOD!
20:30	00:00	3.50	DRLPRL	35L	TROUBLE - EF - WASHOUT	Yes	09	1	18573.00	TOH, F/ 18, 573' - T/ 14, 712' LOOKING FOR WASH - OUT.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information									
KB Elevation:		2793.00	ft	KB To GL :		25.00	ft		
Rig(s) for today :		Scan Texas		Rig Manager :		ROCKY BROUMLEY		Rig Phone :	432-200-2272
Date and Time of Rig Release :				Days From Rig Release :		0.00		Rig Fax :	

Safety													
Last BOP Test(F) Date :		6/19/2018		Last BOP Pressure :		8500.000		psi		Last Lot Fit :		14.50	
Last Csg Date :		6/19/2018		Last Csg Pressure :		1500.000		psi		Last Spills Reported :			
Last BOP Drill Date :		6/28/2018		Last Test MW :		13.10				Last Accidents :			
Last Fire Drill :				Last Test TVD :		11654.00		ft		Last Safety Meeting :		7/5/2018 18:00	
Last Evac Drill :				Last Test Pressure :		846.000		psi		Last Safety Meeting Topic :		PRESSURE WASHING	

Contacts															
Day Sup. :		NICK NEWLAND		Phone :		405-761-3414		Superintendent :		SANTOS MOROLES		Phone :		432-559-4901	
Night Sup. :				Phone :				Geologist :		ALBERT BONDURANT		Phone :		205.568.5467	
Alt. Phone :								Drill. Eng. :		BRANNON SMITH		Phone :		432-818-1777	

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

35

Report Date :

7/5/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

Clay Rich

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	18515.	12.80000	60.00	15	23.00	0.0	25282	665.0	75	25	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
09	1	6.750	HALLIBURT	GTD64		597.00	19.50	30.62	2755.00	106.00	25.99	17976.00	18573.00	18.000	68.705	77.47	10.03

BHA Data

For Bit # :

09

Mud Motor : Total Made :

597

ft

Total BHA Hours :

501.5

Total Hours :

19.50

BHA # :

11

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11665.70

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
DRILLING SYSTEMS	1	14.84	5.370	0.000	5.370	0.000	3.5 IF	Box
STABILIZERS	1	4.85	4.780	2.250	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.750	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	24.44	5.170	0.000	5.170	0.000	3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	0.000	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	4.510	2.750	4.510	0.000	3.5 IF	Pin
SUBS	1	1.41	5.400	3.000	5.400	0.000	3.5 IF	Box
SUBS	1	3.41	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.34	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.75	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	3.000	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	2.750	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.71	4.500	2.750	5.000	0.000	CET 43	Box
HMWP	30	910.67	0.000	0.000	0.000	0.000		

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
09	1	18573.00	18.000	200	60	250	10500.00	6500.00	250	150	210	3900.0	3450.0	450.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
09	BOMCO	12.000	5.000	86	250.029	BOMCO	12.000	5.000	0	0.000	3900.00	298	242

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
18355.00	BOMCO	1100.0	30	BOMCO	0.0	0
12.80	BOMCO	1300.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 35 Report Date : 7/5/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
17989.00	91.82	164.0	11734.85		-6252.22		1836.80	6516.44	1.37
18084.00	89.73	162.8	11733.57		-6343.22		1864.00	6611.42	2.51
18177.00	91.45	164.7	11732.61		-6432.47		1890.09	6704.41	2.72
18272.00	93.94	164.4	11728.14		-6523.92		1915.42	6799.29	2.60
18367.00	92.93	164.5	11722.45		-6615.27		1940.85	6894.11	1.06
18461.00	91.78	164.0	11718.59		-6705.66		1966.35	6988.02	1.33

Hook Loads

Up : 250000
Down : 150000
Rotating : 187000
Torque : 0 Amps
Torque : 10500.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT: N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 760 HRS (31.66 DAYS)

UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARDBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL REPLACE THESE 6 JOINTS)

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2 CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO

DAYS SINCE LAST LTA: (1318 DAYS): LAST OSHA RECORDABLE INCIDENT: (555)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
 CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
 NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 4 HRS. / 114 HRS.
 RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
 CODE 8: 2 HRS 6/5/18
 COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE
 ON TOPDRIVE
 2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
 22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
 23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\
 10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
 4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
 4 HRS NPT ON 7/5/18 TOO H DUE TO WASH-OUT

20" CONDUCTOR SET @ 145'
 13 3/8" SURFACE: SET @ 416'
 10 3/4" 1 INTERMEDIATE: SET @ 5,002'
 7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @ 11,643, FLOAT
 COLLAR @ 11,743. SHOE @ 11,787). DV TOOL @ 4888' ECP @ 4981'
 5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 32 BBLs / 492 BBLs
 OBM LOST BEHIND CASING: XX BBLs
 OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
 OBM LOST: 31 BBLs TO CUTTINGS // TOTAL= 302 BBLs
 OBM LOST: 2 BBLs// TOTAL = 195 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
 LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS 59 BBL// TOTAL 679-BBLs
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLs RECOVERED TO DATE.
 STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2766 BBLs
 TRANSFERRED OUT 0 BBLs

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
 RIG FUEL (DAILY/TOTAL): 1054 / 32,223 GALS
 MUD DIESEL (DAILY/TOTAL): 1680 / 13,334 GALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): 25 / 2648 GALS
 CERTARUS CNG (DAILY/ TOTAL) 947.19 MCF / 18,004.76 TOTAL MCF

ORIGINAL TARGET LINE -
 TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, Inc= 90.50°, TVD= 11795.85

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 //
 RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16"
 FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82"
 STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER //
 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-
 OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO
 SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT XXXXXX' // FTG.
 DRILLED XXXX // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XXXX // AVG R.O.P. XXX FPH //
 REASON PULLED = ? // BIT GRADE=XXXXX

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5"
 PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT
 SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC //
 X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5"
 NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. =
 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN
 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR
 HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" //(NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N
 #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY
 COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4
 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP =
 TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659'
 DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG
 R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41.// BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62.// BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Connection Gas :

Flare Length :

Trip Calc :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$67,854

Cost to Date : \$3,059,158

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$4,099,709

Report Information

Report # : 36

Report Date : 7/6/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : CON'T TIH W/FISH ASSY F/13,775' T/18,527'. CBU @ 18,527', WASH DOWN TO TOF @ 18,557', ENGAGE FISH W/SPP F/1100-1575 PSI, SLUG DP, TOH AT RPT TIME.

Ops Forecast : RECOVER FISH FROM 18,557'. M/U BHA #13 6-3/4" LATERAL ASSY. TIH T/18,573' RSS DRILL 6 3/4" LATERAL TOWARDS ETD @ 21,614'

24hr. Summary : FINISH TOH. TWISTED OFF RSS. TOF @ 18.557'. TEST BOP (21 DAY). TIH W/FISHING ASSY T/13.775'

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 32

Progress : 0.00 ft

MD at Report Time : 18573.00 ft

Rig on Location (days) : 36

Est. TD : 21614.60 ft

TVD At Report Time : 0.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 442.50

Total Hours : 24.00

Time Code : TROUBLE

Drilling % : 0.00

Rotating % : 0.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Activity		NPT	Bit #	Run #	Depth (ft)	Remarks
				Time Code	Description					
00:00	08:00	8.00	DRLPRL	35L	TROUBLE - EF - WASHOUT	Yes	09	1	18573.00	CONTINUE TOH F/ 14, 712' TO BHA #11 WITH NO ISSUES, HOLE TAKING PROPER FILL
08:00	09:00	1.00	DRLPRL	35L	TROUBLE - EF - WASHOUT	Yes	09	1	18573.00	LD MONEL & MWD, PULLED REMAINDER OF BHA, TOP STABILIZER ABOVE RSS HAD TWISTED OFF AT THE 3 1/2 IF PIN CONNECTION, (NOTE: CONNECTION HAD WASHED OUT PRIOR TO TWISTING OFF) LEAVING RSS & BIT IN THE HOLE (TOTAL LENGTH OF FISH 15. 85'), LD REMAING BHA ASSY. TOF @ 18, 557', TOF OD 4. 82".
09:00	09:30	0.50	DRLPRL	39A	OTHER - OTHER	No	09	1	18573.00	CLEAR & CLEAN FLOOR OF TOOLS, PULL WEAR BUSHING, RU MONHANS TESTER FOR 21 DAY BOP TEST.
09:30	15:00	5.50	DRLPRL	22A	TEST BOPE - TEST BOPE	No	09	1	18573.00	HOLD JSA WITH TESTER & CREW, INSTALL 13 5/8" C - 22 TEST PLUG, TEST MANIFOLD, BLINDS, UPPER & LOWER RAMS 8500/ 250 PSI, HYDRIL 3500/ 250 PSI AND BACK TO PUMPS 4500 PSI (GOOD TEST), PULL TEST PLUG & RD TESTER.
15:00	16:00	1.00	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	MAKE UP NAVE FISHING TOOLS 6 3/8" DOUBLE BOWL OVERSHOT W/ 5" BOTTOM GRAPPLE W/ PACKOFF & 4 7/8" TOP GRAPPLE W/ PACKOFF TOTAL OS LENGTH 4. 85' WITH INTERNAL CATCH FROM GRAPPLE TO GRAPPLE 3. 5' (FISHING NECK TO CATCH 3. 79'), RUN OS ON 4 3/4" BUMPER SUB ON 4 1/2" CET 43 DP
16:00	00:00	8.00	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	TIH WITH OVERSHOT ASSY F/ SURF - T/13, 775'. NO HOLE PROBLEMS

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation: 2793.00 ft

KB To GL: 25.00 ft

Rig(s) for today : Scan Texas

Rig Manager : ROCKY BROUMLEY

Rig Phone : 432-200-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date : 7/6/2018

Last BOP Pressure : 8500.000 psi

Last Lot Fit : 14.50

Last Csg Date : 6/19/2018

Last Csg Pressure : 1500.000 psi

Last Spills Reported :

Last BOP Drill Date : 6/28/2018

Last Test MW : 13.10

Last Accidents :

Last Fire Drill :

Last Test TVD : 11654.00 ft

Last Safety Meeting : 7/6/2018 18:00

Last Evac Drill : <input type="text"/>		Last Test Pressure : <input type="text" value="846.000"/> psi		Last Safety Meeting Topic : <input type="text" value="TRIPPING"/>	
Contacts					
Day Sup. : <input type="text" value="NICK NEWLAND"/>		Phone : <input type="text" value="405-761-3414"/>		Superintendent : <input type="text" value="SANTOS MOROLES"/>	
Night Sup. : <input type="text"/>		Phone : <input type="text"/>		Geologist : <input type="text" value="ALBERT BONDURANT"/>	
Alt. Phone : <input type="text" value="936-697-2991"/>				Drill. Eng. : <input type="text" value="BRANNON SMITH"/>	
				Phone : <input type="text" value="432-559-4901"/>	
				Phone : <input type="text" value="205.568.5467"/>	
				Phone : <input type="text" value="432-818-1777"/>	
Attachments					
<div>Daily Attachment Folder(s)</div>					

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	36	Report Date :	7/6/2018
------------	----	---------------	----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer : Clay Rich					Mud Type : Oil Base Mud				Polymer Type :			
Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	18573.	12.90000	65.00	15	23.00	0.0	25282	655.0	75	25	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
09	1	6.750	HALLIBURT	GTD64		0.00	0.00	0.00	2755.00	106.00	25.99	18573.00	18573.00	0.000	0.000	0.00	0.00

BHA Data

For Bit # :	<div>09</div>	Mud Motor :	Total Made :	<div>0</div>	ft								
Total BHA Hours :	<div>501.5</div>	Total Hours :	<div>0.00</div>										
BHA # :	<div>12</div>	DC OD :	<div>5.000</div>	in	DP OD :	<div>4.500</div>	in	BHA Length :	<div>15.47</div>	ft	BHA Weight	<div>0.00</div>	M Lbs
Item		Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)		Weight (lbs/ft)	Thread Type		Pin/Box		
OVERSHOT			4.85	6.375	5.250	0.000		0.000					
SUBS			7.12	4.750	2.750	0.000		0.000	3 1/2 IF				
CROSSOVER SUB			3.50	5.400	3.000	0.000		0.000	3 1/2 IF X CET 43				

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
09	1	0.00	0.000	0	0	0	0.00	0.00	0	0	0	0.0	0.0	0.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
09		0.000	0.000	0	0.000		0.000	0.000	0	0.000	0.00	0	0

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	1100.0	30	BOMCO	0.0	0
0.00	BOMCO	1300.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	36	Report Date :	7/6/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS. RIG ON DAYRATE @ 08:00 HRS, 06/04/2018 SPUD WELL @ 6-XX-2018 HRS (67 HR. RIG MOVE) RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A NOTIFIED TRRC: INTERMENT: N/A NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2 NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 784 HRS (32.66 DAYS)</p> <p>-----</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL REPLACE THESE 6 JOINTS)</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2 CRACKED PINS ON 5" HWDP, HARBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

DAYS SINCE LAST LTA: (1319 DAYS): LAST OSHA RECORDABLE INCIDENT: (556)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0

CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0

NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 18 HRS. / 132 HRS.

RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS

CODE 8: 2 HRS 6/5/18

COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE

2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE

22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED

23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\

10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS

4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS

4 HRS NPT ON 7/5/18 TOO H DUE TO WASH-OUT

18-HRS FISH RSS 7/6/18

20" CONDUCTER SET @ 145'

13 3/8" SURFACE: SET @ 416'

10 3/4" 1 INTERMEDIATE: SET @ 5,002'

7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @ 11,643, FLOAT

COLLAR @ 11,743. SHOE @ 11,787). DV TOOL @ 4888' ECP @ 4981'

5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 46 BBLS / 538 BBLS

OBM LOST BEHIND CASING: XX BBLS

OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS

OBM LOST: 1 BBLS TO CUTTINGS // TOTAL= 303 BBLS

OBM LOST: 45 BBLS// TOTAL = 240 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES

ADDITIONS 10 BBL// TOTAL 689-BBLS

OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLS RECOVERED TO DATE.

STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2729 BBLS

TRANSFERRED OUT 0 BBLS

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:

RIG FUEL (DAILY/TOTAL): 741 / 32,964 GALS

MUD DIESEL (DAILY/TOTAL): 0 / 13,334 GALS

AUXILIARY EQUIPMENT (DAILY/TOTAL): 0 / 2648 GALS

CERTARUS CNG (DAILY/ TOTAL) 589.94 MCF / 18,594.70 TOTAL MCF

ORIGINAL TARGET LINE -

TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5" BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2" IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6.4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER // 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON PULLED = DHTF // BIT GRADE=XXXXX

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" // (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4

STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P./N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P./N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE=6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

--	--

Mud Log

Formation :	<input type="text"/>		
Background Gas :	<input type="text"/>	Connection Gas :	<input type="text"/>
Trip Calc :	<input type="text"/>	Flare Length :	<input type="text"/>

Well Incident

Report # :	<input type="text"/>	Incident Date :	<input type="text"/>	Report Date :	<input type="text"/>
Problem Name :	<input type="text"/>				

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$62,426

Cost to Date : \$3,121,584

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$4,162,135

Report Information

Report # : 37

Report Date : 7/7/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : FINISH SLIP & CUT. TIH WITH FISH ASSY #2 T/18.529'. CBU @ 18.529' AT REPORT

Ops Forecast : FINISH CBU @ 18.529'. ENGAGE FISH @ 18.557'. TOH WITH FISH

24hr. Summary : FINISH TIH TO TOF @ 18.557', CBU, ENGAUGED FISH, TOH. NO FISH AT SURFACE. RE-RUN SAME FISHING ASSY / CHANGE GRAPPLES SIZES TO/ 4- 7/8" ON BOTTOM, 4- 3/4" ON TOP. TIH W/FISH ASSY TO 10,745'. SLIP & CUT DRILLINE, SVC RIG.

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 33

Progress : 0.00 ft

MD at Report Time : 18573.00 ft

Rig on Location (days) : 37

Est. TD : 21614.60 ft

TVD At Report Time : 11715.11 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 442.50

Total Hours : 24.00

Time Code : SLIP & CU

Drilling % : 0.00

Rotating % : 0.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	02:30	2.50	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	CONTINUE TIH W/ 6 3/ 8" OVERSHOT F/ 13, 775' - T/ 18, 550', HAD NO HOLE ISSUE ON TIH, PROPER DISPLACEMENT
02:30	04:30	2.00	DRLPRL	07J	C & C MUD - C&C MUD - OTHER	Yes	09	1	18573.00	CIRCULATE BOTTOMS UP @ 85 SPM @ 2200 SPP
04:30	05:30	1.00	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	WASH DOWN & TAG TOF @ 18, 557' @ 115 GPM, PP F/ 1125- 1575PSI WITH OVERSHOT OVER FISH, WORKED OS DOWN SET 100K ON FISH, PP STAYED THE SAME, PICK UP AND ROTATED DOWN OVER FISH, HIT BUMPER SUB DOWN OVER FISH, PUMP PRESSURE 1550 PSI DOWN AND 1425 PSI WITH PICK UP, HAD NO CHANGE IN TAG UP OR SLACK OFF WITH TOF.
05:30	14:30	9.00	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	SLUG DP WITH FISH ON BOTTOM WITH 55 BBLS 15 PPG KILL MUD, TOH F/ 18, 577' - T/ SURFACE.. NO FISH
14:30	16:00	1.50	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	TOH F/ 18, 557' - T/ FISHING ASSY, DID NOT CATCH FISH, BREAKDOWN AND INSPECT FISHING ASSY, FISH WAS ALL THE WAY TO TOP SUB HAD GOOD SCARRING INDICATION , 5" GRAPPLE CATCH WAS FLAT AND 4 7/ 8" GRAPPLE HAD SIGNS OF BEING OVER FISH. RE - RUN SAME FISHING ASSY / CHANGE GRAPPLES SIZES TO/ 4 - 7/ 8" ON BOTTOM, 4 - 3/ 4" ON TOP.
16:00	22:30	6.50	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	TIH WITH FISH ASSY # 2 T/ 10, 745'.
22:30	23:00	0.50	DRLPRL	10A	LUB RIG - DAILY SERVICE	No	09	1	18573.00	SVC RIG.
23:00	00:00	1.00	DRLPRL	12A	SLIP & CUT DRLG LINE - LINE	No	09	1	18573.00	SLIP & CUT DRILLINE 122'. CHECK COM, CALIBRATE BLK HEIGHT.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	1	24.00	24.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
NAVE OIL AND GAS, LLC		1	24.00	24.00

Rig Information

KB Elevation: 2793.00 ft

KB To GL: 25.00 ft

Rig(s) for today : Scan Texas

Rig Manager : ROCKY BROUMLEY

Rig Phone : 432-200-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date : 7/6/2018

Last BOP Pressure : 8500.000 psi

Last Lot Fit : 14.50

Last Csg Date : 6/19/2018

Last Csg Pressure : 1500.000 psi

Last Spills Reported :

Last BOP Drill Date : 6/28/2018

Last Test MW : 13.10

Last Accidents :

Last Fire Drill :		Last Test TVD :	11654.00	ft	Last Safety Meeting :	7/7/2018 18:00
Last Evac Drill :		Last Test Pressure :	846.000	psi	Last Safety Meeting Topic :	TRIPPING/HEAT AWARENESS

Contacts					
Day Sup. :	NICK NEWLAND	Phone :	405-761-3414	Superintendent :	SANTOS MOROLES
Night Sup. :		Phone :		Geologist :	ALBERT BONDURANT
Alt. Phone :	936-697-2991			Drill. Eng. :	BRANNON SMITH
					Phone : 432-559-4901
					Phone : 205.568.5467
					Phone : 432-818-1777

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

37

Report Date :

7/7/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

Clay Rich

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	18573.	130.00000	68.00	16	23.00	0.0	24349	669.0	75	25	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
09	1	6.750	HALLIBURT	GTD64		0.00	0.00	0.00	2755.00	106.00	25.99	18573.00	18573.00	0.000	0.000	0.00	0.00

BHA Data

For Bit # :

09

Mud Motor : Total Made :

0

ft

Total BHA Hours :

503.5

Total Hours :

0.00

BHA # :

13

DC OD :

0.000

in

DP OD :

4.500

in

BHA Length :

15.47

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
OVERSHOT		4.85	6.375	5.250	0.000	0.000		
SUBS		7.12	4.750	2.750	0.000	0.000	3 1/2 IF	
CROSSOVER SUB		3.50	5.400	3.000	0.000	0.000	3 1/2 IF X CET 43	

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
09	1	0.00	0.000	0	0	0	0.00	0.00	0	0	0	0.0	0.0	0.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
09		0.000	0.000	0	0.000		0.000	0.000	0	0.000	0.00	0	0

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	1100.0	30	BOMCO	0.0	0
0.00	BOMCO	1300.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	37	Report Date :	7/7/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS. RIG ON DAYRATE @ 08:00 HRS, 06/04/2018 SPUD WELL @ 6-XX-2018 HRS (67 HR. RIG MOVE) RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A NOTIFIED TRRC: INTERMENT: N/A NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2 NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 808 HRS (33.66 DAYS)</p> <p>-----</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARDBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL REPLACE THESE 6 JOINTS)</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2 CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

DAYS SINCE LAST LTA: (1319 DAYS): LAST OSHA RECORDABLE INCIDENT: (556)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
 CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
 NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 22.5 HRS. / 154.5 HRS.
 RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
 CODE 8: 2 HRS 6/5/18
 COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE
 ON TOPDRIVE
 2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
 22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
 23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\

10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
 4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
 4 HRS NPT ON 7/5/18 TOOH DUE TO WASH-OUT
 18-HRS FISH RSS 7/6/18
 22.5 HRS FISH RSS 7/7/18
 20" CONDUCTER SET @ 145'
 13 3/8" SURFACE: SET @ 416'
 10 3/4" 1 INTERMEDIATE: SET @ 5,002'
 7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT
 COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'
 5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 0 BBLS / 538 BBLS
 OBM LOST BEHIND CASING: XX BBLS
 OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
 OBM LOST: 0 BBLS TO CUTTINGS // TOTAL= 303 BBLS
 OBM LOST: 0 BBLS// TOTAL = 240 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS,
 LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS 50 BBL// TOTAL 739-BBLS
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLS RECOVERED TO DATE.
 STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2780 BBLS
 TRANSFERRED OUT 0 BBLS

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
 RIG FUEL (DAILY/TOTAL): 759 / 33,723 GALS
 MUD DIESEL (DAILY/TOTAL): 877/ 14,211 GALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): 0 / 2648 GALS
 CERTARUS CNG (DAILY/ TOTAL) 600.39 MCF / 19,195.09 TOTAL MCF

ORIGINAL TARGET LINE -
 TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA #13, FISH ASSY #2, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 4-
 7/8" BOTTOM GRAPPLE & 4 3/4" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-
 OVER 3 1/2" IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5"
 BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-
 OVER 3 1/2" IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 //
 RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16"
 FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82"
 STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER //
 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-
 OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO
 SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED
 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON
 PULLED = DHTF // BIT GRADE=XXXXX

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5"
 PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT
 SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC //
 X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5"
 NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. =
 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN
 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR

BHA #9: RERUN BIT #7 6.75" // (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61" // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61" // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61" // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92" // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56" // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-FR

Solids Removal**Shakers**

Shaker #	Bottom	Middle	Top	
----------	--------	--------	-----	--

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)	
------	---------	-----------------------------	-------------------------------	--------------------------------	--

Mud LogFormation : Background Gas : Trip Calc : Connection Gas : Flare Length : **Well Incident**Report # : Incident Date : Report Date : Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$139,008

Cost to Date : \$3,260,592

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$4,301,143

Report Information

Report # : 38

Report Date : 7/8/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : TIH F/4.505'- T/11.787' (7-5/8" SHOE). INSTALL ROT HEAD. CONT TIH T/16.500' W/NO ISSUES

Ops Forecast : CON'T TIH T/18.573' .RSS DRILL 6 3/4" LATERAL TOWARDS ETD @ 21.614'

24hr. Summary : SLIP/CUT DRLG LINE. CBU. ENGAGE TOF @ 18.557'. TOH W/100% RECOVERY OF FISH. PU BHA #14 6 3/4" PHOENIX RSS. TIH.

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 34

Progress : 0.00 ft

MD at Report Time : 18573.00 ft

Rig on Location (days) : 38

Est. TD : 21614.60 ft

TVD At Report Time : 11715.11 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 442.50

Total Hours : 24.00

Time Code : TRIPPING -

Drilling % : 0.00

Rotating % : 0.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	01:00	1.00	DRLPRL	12A	SLIP & CUT DRLG LINE - LINE	No	09	1	18573.00	FINISH CUT/SLIP DRLG LINE
01:00	05:30	4.50	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	CONTINUE TIH WITH FISHING ASSY, F/ 11, 778' - T/ 18, 529', HAD NO ISSUES ON TIH
05:30	07:30	2.00	DRLPRL	07J	C & C MUD - C&C MUD - OTHER	Yes	09	1	18573.00	CBU @ 250 GPM, 5 RPM, 2100 SPP
07:30	08:30	1.00	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	WASH DOWN TO TOF @ 18, 557', BUMPED ROTARY AND WORKED OVERSHOT OVER TOF, ENGAGED FISH, PUMP PRESSURE 1125- 1575 PSI @ 40- 38 SPM, WORKED BUMPER SUB DOWN 4' OVER FISH, HAD GOOD PUMP PRESSURE ON AND OFF BOTTOM WITH FISH (1575 PSI ON BTM 1425 PSI OFF BTM), SLUG DP WITH 60 BBLs 15 PPG KILL MUD, PUT ON TRIP TANK. TOH
08:30	12:30	4.00	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	TOH F/ 18557' - T/ 10, 680', HAD GOOD DRAG WITH FISH THROUGH DOGLEGS F/ 14, 090' - T/ 13, 428' (35- 55K OVER STRING WEIGHT) ALSO PULLED TIGHT PULLING THROUGH CURVE @ 12, 090' (60K OVER), HAD NO ISSUES PULLING INTO CASING.
12:30	13:00	0.50	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	PULLED ROTATING HEAD AND LD 1 JOINT DP.
13:00	17:30	4.50	DRLPRL	35N	TROUBLE - FISHING	Yes	09	1	18573.00	CONTINUE TOH F/ 10, 650' - T/ FISHING ASSY., CAUGHT FISH WITH 100% RECOVERY, BREAK OFF BIT (GRADED; 2-2-FC-S-I-NO-DTF), LD FISHING TOOLS WITH RSS IN OVERSHOT, WILL BREAK DOEN TOOLS AT SHOP.
17:30	18:00	0.50	DRLPRL	39A	OTHER - OTHER	No	09	1	18573.00	CLEAR & CLEAN FLOOR, INSTALL WEAR BUSHING, PREP TO PU BHA # 14.
18:00	21:00	3.00	DRLPRL	08I	TRIPPING - TRIPPING - OTHER	No	10	1	18573.00	PU AND TEST BHA# 14 PHOENIX RSS AS FOLLOWS: BIT # 10 - 6. 75" HALLIBURTON GTD64DM, S/ N # 13056369 W/ -6- 14'S = TFA 0. 9020 // RSS TOOL 6. 55 // 6. 14" STABILIZER // 4. 80" FILTER SUB // 4. 76" DOUBLE PIN X- OVER // 5. 45" FIXED STRAIGHT PHOENIX/ NOV MUD MOTOR (6/ 7 LOBE 6: 4 STAGE . 80 REV GAL) WITH 5. 82" STAB/ KICK // 4. 78" FLOAT SUB // 4. 75" NM PONY // 4. 71 PONY SUB// 4. 74" VC X- OVER // 5. 13" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4. 8" NMDC// IF X CET 43 X- OVER // 339 JTS 4. 5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11, 672. 86' // BIT TO SURVEY 88' // BIT TO GAMMA 86. 14'
21:00	00:00	3.00	DRLPRL	08A	TRIPPING - BIT/ BHA	No	10	1	18573.00	TIH BHA # 14 F/ SURFACE - T/ 4, 405' FILLING PIPE EVERY 30 STDs, HOLE DISPLACING PROPERLY.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation:	2793.00	ft	KB To GL:	25.00	ft
Rig(s) for today :	Scan Texas		Rig Manager :	ROCKY BROUMLEY	
Date and Time of Rig Release :			Days From Rig Release :	0.00	
			Rig Phone :	432-200-2272	
			Rig Fax :		

Safety

Last BOP Test(F) Date :	7/6/2018	Last BOP Pressure :	8500.000	psi	Last Lot Fit :	14.50
Last Csg Date :	6/19/2018	Last Csg Pressure :	1500.000	psi	Last Spills Reported :	
Last BOP Drill Date :	7/6/2018	Last Test MW :	13.10		Last Accidents :	
Last Fire Drill :		Last Test TVD :	11654.00	ft	Last Safety Meeting :	7/8/2018 18:00
Last Evac Drill :		Last Test Pressure :	846.000	psi	Last Safety Meeting Topic :	TRIPPING/PU BHA & LD BHA

Contacts

Day Sup. :	NICK NEWLAND	Phone :	405-761-3414	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :		Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :	936-697-2991			Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments

Daily Attachment Folder(s)	
----------------------------	--

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	38	Report Date :	7/8/2018
------------	----	---------------	----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer :	Clay Rich	Mud Type :	Oil Base Mud	Polymer Type :	
----------------	-----------	------------	--------------	----------------	--

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	18573.1	130.0000	68.00	15	24.00	0.0	23874	660.0	75	25	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	H-HP (HP)
10	1	6.750	HALLIBURT	GT64M		0.00	0.00	0.00	0.00	0.00	18573.0	18573.0	0.000	0.000	0.00	0.00	

BHA Data

For Bit # :	10	Mud Motor : Total Made :	0	ft
Total BHA Hours :	505.5	Total Hours :	0.00	
BHA # :	14	DC OD :	4.500	in
		DP OD :	4.500	in
		BHA Length :	11672.86	ft
		BHA Weight :	0.00	M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
DRILLING SYSTEMS	1	14.79	5.370	0.000	5.370	0.000	3.5 IF X 3 1/2 REG	Box
STABILIZERS	1	4.85	4.780	2.290	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.260	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	29.85	5.170	0.000	5.170	0.000	3 1/2 IF X 3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	2.250	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	4.510	2.750	4.510	0.000	3.5 IF	Pin
CROSSOVER SUB	1	1.89	5.400	2.625	5.400	0.000	3.5 IF	Box
SUBS	1	3.43	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.35	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.76	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	2.730	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.99	4.500	2.750	5.000	0.000	CET 43	Box
HWDP	30	910.67	5.000	2.750	5.000	0.000	CET 43	Box

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
10	1	0.00	0.000	0	0	0	0.00	0.00	0	0	0	0.0	0.0	0.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
10	BOMCO	12.000	5.000	0	0.000	BOMCO	12.000	5.000	0	0.000	0.00	0	0

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	1100.0	30	BOMCO	0.0	0
0.00	BOMCO	1300.0	40	BOMCO	0.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	38	Report Date :	7/8/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS. RIG ON DAYRATE @ 08:00 HRS, 06/04/2018 SPUD WELL @ 6-XX-2018 HRS (67 HR. RIG MOVE) RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A NOTIFIED TRRC: INTERMENT: N/A NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2 NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 832 HRS (35.66 DAYS)</p> <p>-----</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARDBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL REPLACE THESE 6 JOINTS)</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2 CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

DAYS SINCE LAST LTA: (1321 DAYS): LAST OSHA RECORDABLE INCIDENT: (558)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
 CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
 NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 17.5 HRS. / 172 HRS.
 RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
 CODE 8: 2 HRS 6/5/18
 COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE
 ON TOPDRIVE
 2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
 22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
 23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\
 10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
 4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
 4 HRS NPT ON 7/5/18 TOO H DUE TO WASH-OUT
 18-HRS FISH RSS 7/6/18
 22.5 HRS FISH RSS 7/7/18
 17.5 HRS FISH RSS 7/8/18

20" CONDUCTER SET @ 145'
 13 3/8" SURFACE: SET @ 416'
 10 3/4" 1 INTERMEDIATE: SET @ 5,002'
 7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @ 11,643, FLOAT
 COLLAR @ 11,743. SHOE @ 11,787). DV TOOL @ 4888' ECP @ 4981'
 5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 36 BBLs / 574 BBLs
 OBM LOST BEHIND CASING: XX BBLs
 OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
 OBM LOST: 0 BBLs TO CUTTINGS // TOTAL= 303 BBLs
 OBM LOST: 36 BBLs// TOTAL = 276 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS,
 LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS 18 BBL// TOTAL 757-BBLs
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLs RECOVERED TO DATE.
 STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2762 BBLs
 TRANSFERRED OUT 0 BBLs

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0
 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:

RIG FUEL (DAILY/TOTAL): 933 / 34,656 GALS
 MUD DIESEL (DAILY/TOTAL): 0/ 14,211 GALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): 132 / 2780 GALS
 CERTARUS CNG (DAILY/ TOTAL) 247.86 MCF / 19,469.95 TOTAL MCF

ORIGINAL TARGET LINE -

TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA#14; BIT #10- 6.75" HALLIBURTON GTD64DM, S/N #13056369 W/-6-14'S =TFA 0.9020 //
 RSS TOOL 6.55 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.45"
 FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82"
 STAB/KICK // 4.78" FLOAT SUB // 4.75" NM PONY // 4.71 PONY SUB// 4.74" VC X-OVER //
 5.13" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.8" NMDC // IF X CET 43 X-
 OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,672.86' // BIT TO
 SURVEY 88' // BIT TO GAMMA 86.14' // DEPTH IN 18,573' // DEPTH OUT XX,XXX' // FTG.
 DRILLED XXXX' // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XX // AVG R.O.P. XX.XX FPH //
 REASON PULLED = XXX // BIT GRADE=X-X-X-X-X-XX-XX

BHA #13, FISH ASSY #2, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 4-
 7/8" BOTTOM GRAPPLE & 4 3/4" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-
 OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5"
 BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-
 OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 //
 RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16"
 FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82"
 STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER //
 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-
 OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO

SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON PULLED = DTF // BIT GRADE=2-2-FC-S-I-NO-DTF

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" // (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55' // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-FR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-FR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
 NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
 NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
 FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
 REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :			
Background Gas :	Connection Gas :	Flare Length :	
Trip Calc :			

Well Incident

Report # :	Incident Date :	Report Date :
Problem Name :		

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$66,856

Cost to Date : \$3,425,102

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$4,465,653

Report Information

Report # : 40

Report Date : 7/10/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : RSS DRLD 6 3/4" LATERAL F/ 19.512' -T/19.678' (166' @ 18.4 FPH) MW 13.1 PPG

Ops Forecast : RSS DRILL 6 3/4" LATERAL TOWARDS ETD @ 21.614'

24hr. Summary : DRLD 6 3/4" RSS LATERAL F/18.982' -T/19.512' (530' @ 23 FPH) MW 13.1 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 36

Progress : 530.00 ft

MD at Report Time : 19512.00 ft

Rig on Location (days) : 40

Est. TD : 21614.60 ft

TVD At Report Time : 11700.30 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 24.00

Total Drilling Hours : 481.00

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 100.00

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19023.00	RSS DRILL 6 3/4" LATERAL; F/ 18, 982' - T/19,023' (41' @ 13.6 FPH) 15 WOB, 50 RPM, 250 GPM, 200 MRPM, 4175 SPP, 250 - 300 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
03:00	06:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19105.00	RSS DRILL 6 3/4" LATERAL; F/ 19, 023' - T/19, 105' (82' @ 27.3 FPH) 15 WOB, 50 RPM, 250 GPM, 200 MRPM, 4175 SPP, 300 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
06:00	09:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19190.00	RSS DRILL 6 3/4" LATERAL; F/ 19, 105' - T/19, 190' (85' @ 28.3 FPH) 15 WOB, 50 RPM, 250 GPM, 200 MRPM, 4050 SPP, 300 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
09:00	10:30	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19215.00	RSS DRILL 6 3/4" LATERAL; F/ 19, 190' - T/19, 215' (25' @ 16.6 FPH) 12 WOB, 50 RPM, 250 GPM, 200 MRPM, 4050 SPP, 300 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
10:30	11:00	0.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19215.00	SERVICE RIG/ CHANGE OUT WEIGHT INCATOR DIEL
11:00	14:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19305.00	RSS DRILL 6 3/4" LATERAL; F/ 19, 215' - T/19, 305' (90' @ 30.0 FPH) 15 WOB, 50 RPM, 250 GPM, 200 MRPM, 4050 SPP, 300 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
14:00	17:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19363.00	RSS DRILL 6 3/4" LATERAL; F/ 19, 305' - T/19, 363' (58' @ 19.3 FPH) 16 WOB, 50 RPM, 250 GPM, 200 MRPM, 3941 SPP, 300 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
17:00	20:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19416.00	RSS DRILL 6 3/4" LATERAL; F/ 19, 363' - T/19, 416' (53' @ 17.6 FPH) 14 WOB, 50 RPM, 250 GPM, 200 MRPM, 4175 SPP, 300 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
20:00	00:00	4.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19512.00	RSS DRILL 6 3/4" LATERAL; F/ 19, 416' - T/19, 512' (96' @ 24.0 FPH) 12 WOB, 50 RPM, 250 GPM, 200 MRPM, 3834 SPP, 300 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation:	2793.00	ft	KB To GL :	25.00	ft		
Rig(s) for today :	Scan Texas		Rig Manager :	ROCKY BROUMLEY		Rig Phone :	432-200-2272
Date and Time of Rig Release :			Days From Rig Release :	0.00		Rig Fax :	

Safety

Last BOP Test(F) Date :	7/6/2018	Last BOP Pressure :	8500.000	psi	Last Lot Fit :	14.50
Last Csg Date :	6/19/2018	Last Csg Pressure :	1500.000	psi	Last Spills Reported :	N
Last BOP Drill Date :	7/11/2018	Last Test MW :	13.10		Last Accidents :	N
Last Fire Drill :		Last Test TVD :	11654.00	ft	Last Safety Meeting :	7/11/2018 01:00
Last Evac Drill :		Last Test Pressure :	846.000	psi	Last Safety Meeting Topic :	SHARE THE WORK LOAD / WORK S

Contacts

Day Sup. :	RAUL BAEZA	Phone :	432-853-7484	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	BRIAN EHRENBURG	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :	936-697-2991			Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments

Daily Attachment Folder(s)	
----------------------------	--

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

40

Report Date :

7/10/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

JAMES THIBODEAUX

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	19385.	13.10000	62.00	15	25.00	0.0	25841	695.0	77	23	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
10	1	6.750	HALLIBURT	GT64M		530.00	24.00	22.08	939.00	38.50	24.39	18982.00	19512.00	15.000	90.520	87.90	13.06

BHA Data

For Bit # :

10

Mud Motor : Total Made :

530

ft

Total BHA Hours :

544.0

Total Hours :

24.00

BHA # :

14

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11672.86

ft

BHA Weight

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
DRILLING SYSTEMS	1	14.79	5.370	0.000	5.370	0.000	3.5 IF X 3 1/2 REG	Box
STABILIZERS	1	4.85	4.780	2.290	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.260	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	29.85	5.170	0.000	5.170	0.000	3 1/2 IF X 3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	2.250	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	4.510	2.750	4.510	0.000	3.5 IF	Pin
CROSSOVER SUB	1	1.89	5.400	2.625	5.400	0.000	3.5 IF	Box
SUBS	1	3.43	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.35	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.76	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	2.730	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.99	4.500	2.750	5.000	0.000	CET 43	Box
HWDP	30	910.67	5.000	2.750	5.000	0.000	CET 43	Box

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
10	1	19512.00	15.000	200	50	250	10000.00	8000.00	250	150	182	4100.0	3900.0	200.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
10	BOMCO	12.000	5.000	85	247.122	BOMCO	12.000	5.000	0	0.000	4100.00	295	239

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
19404.00	BOMCO	1100.0	30	BOMCO	1000.0	0
19404.00	BOMCO	1300.0	40	BOMCO	1275.0	0

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 40 Report Date : 7/10/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
19028.00	91.28	163.8	11706.95		-7250.12		2124.12	7554.87	0.55
19122.00	91.58	163.3	11704.60		-7340.22		2150.80	7648.84	0.62
19216.00	91.22	163.6	11702.31		-7430.28		2177.61	7742.81	0.52
19310.00	90.56	163.5	11700.85		-7520.42		2204.25	7836.80	0.70
19404.00	90.08	163.4	11700.32		-7610.51		2231.08	7930.80	0.52

Hook Loads

Up : 255
Down : 150
Rotating : 175
Torque : 0 Amps
Torque : 10.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT: N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 880 HRS (36.66 DAYS)

UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL NOT REPLACE THESE 6 JOINTS), NEW TOTAL OF 5" DP ON LOCATION 366 JOINTS.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2

CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS. RETURNED REPAIRS TO LOCATION ON 7/6/18

DAYS SINCE LAST LTA: (1323 DAYS): LAST OSHA RECORDABLE INCIDENT: (560)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 197.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
CODE 8: 2 HRS 6/5/18
COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE
25.5 HRS OH LOGGING NON-AFE TIME
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\
10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/5/18 TOOH DUE TO WASH-OUT
18-HRS FISH RSS 7/6/18
22.5 HRS FISH RSS 7/7/18
17.5 HRS FISH RSS 7/8/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 47 BBLS / 647 BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: 21 BBLS TO CUTTINGS // TOTAL= 339 BBLS
OBM LOST: 25 BBLS// TOTAL = 313 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS 39 BBL// TOTAL 841-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2300 BBLS
TRANSFERRED OUT 475 BBLS

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 1703/ 37,300 GALS
MUD DIESEL (DAILY/TOTAL): 1140/ 15,945 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 50 / 3026 GALS
CERTARUS CNG (DAILY/ TOTAL) 349.7 MCF / 20,706.96 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA#14; BIT #10- 6.75" HALLIBURTON GTD64DM, S/N #13056369 W/-6-14'S =TFA 0.9020 // RSS TOOL 6.55 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.45" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.75" NM PONY // 4.71 PONY SUB// 4.74" VC X-OVER // 5.13" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.8" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,672.86' // BIT TO SURVEY 88' // BIT TO GAMMA 86.14' // DEPTH IN 18,573' // DEPTH OUT XX,XXX' // FTG. DRILLED XXXX' // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XX // AVG R.O.P. XX.XX FPH // REASON PULLED = XXX // BIT GRADE=X-X-X-X-X-XX-XX

BHA #13, FISH ASSY #2, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 4-7/8" BOTTOM GRAPPLE & 4 3/4" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5" BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER //

5.02" CENTRALIZER MWD (LANDING SUB, CENTRALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON PULLED = DTF // BIT GRADE=2-2-FC-S-I-NO-DTF

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG // 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" / (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR

HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Connection Gas :

Flare Length :

Trip Calc :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost :

\$81,875

Cost to Date :

\$3,506,977

AFE # :

PB18100006

AFE :

\$10,772,650

AFE Cost to Date :

\$4,547,919

Report Information

Report # :

41

Report Date :

7/11/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

RSS DRLD 6 3/4" LATERAL F/ 20.195" -T/ 20390' (195' @ 32.5 FPH) MW 13.1 PPG

Ops Forecast :

RSS DRILL 6 3/4" LATERAL TOWARDS ETD @ 21.580'

24hr. Summary :

DRLD 6 3/4" RSS LATERAL F/19.512' -T/20.195' (683' @ 29.6 FPH) MW 13.1 PPG

Planning Status :

Elevations

GL

2768.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

37

Progress :

683.00

ft

MD at Report Time :

20195.00

ft

Rig on Location (days) :

41

Est. TD :

21614.60

ft

TVD At Report Time :

11699.91

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

24.00

Total Drilling Hours :

505.00

Total Hours :

24.00

Time Code :

DRILLING

Drilling % :

100.00

Rotating % :

100.00

Sliding % :

0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19592.00	RSS DRILL 6 3/4" LATERAL; F/ 19, 512' - T/19,592' (80' @ 26.6 FPH) 13. 3 WOB, 50 RPM, 250 GPM, 200 MRPM, 4080 SPP, 378 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13. 1 PPG IN/OUT
03:00	06:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19677.00	RSS DRILL 6 3/4" LATERAL; F/ 19, 592' - T/19,677' (85' @ 28.3 FPH) 14. 2 WOB, 50 RPM, 250 GPM, 200 MRPM, 4442 SPP, 443 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13. 1 PPG IN/OUT
06:00	09:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19728.00	RSS DRILL 6 3/4" LATERAL; F/ 19, 677' - T/19,728' (51' @ 17.0 FPH) 12 WOB, 50 RPM, 250 GPM, 200 MRPM, 4012 SPP, 635 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13. 1 PPG IN/OUT
09:00	12:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19805.00	RSS DRILL 6 3/4" LATERAL; F/ 19, 728' - T/19,805' (77' @ 25.6 FPH) 9. 1 WOB, 50 RPM, 250 GPM, 200 MRPM, 4026 SPP, 735 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13. 1 PPG IN/OUT
12:00	15:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19887.00	ORSS DRILL 6 3/4" LATERAL; F/ 19, 805' - T/19,887' (82' @ 27. 3 FPH) 7. 2 WOB, 50 RPM, 250 GPM, 200 MRPM, 4106 SPP, 785 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13. 1 PPG IN/OUT
15:00	18:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	19962.00	ORSS DRILL 6 3/4" LATERAL; F/ 19, 887' - T/19,962' (75' @ 25 FPH) 7. 2 WOB, 50 RPM, 250 GPM, 200 MRPM, 4106 SPP, 785 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13. 1 PPG IN/OUT
18:00	21:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20081.00	ORSS DRILL 6 3/4" LATERAL; F/ 19, 962' - T/20,081' (119' @ 39.6 FPH) 10 WOB, 50 RPM, 250 GPM, 200 MRPM, 4086 SPP, 454 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13. 1 PPG IN/OUT
21:00	00:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20195.00	ORSS DRILL 6 3/4" LATERAL; F/ 20, 081' - T/ 20, 195' (114' @ 38 FPH) 10 WOB, 50 RPM, 250 GPM, 200 MRPM, 4093 SPP, 511 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13. 1 PPG IN/OUT

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL

25.00

ft

Rig(s) for today :

Scan Texas

Rig Manager :

ROCKY BROUMLEY

Rig Phone :

432-200-2272

Page 1

Date and Time of Rig Release :			Days From Rig Release :	0.00	Rig Fax :	
--------------------------------	--	--	-------------------------	------	-----------	--

Safety						
Last BOP Test(F) Date :	7/6/2018	Last BOP Pressure :	8500.000	psi	Last Lot Fit :	14.50
Last Csg Date :	6/19/2018	Last Csg Pressure :	1500.000	psi	Last Spills Reported :	N
Last BOP Drill Date :	7/11/2018	Last Test MW :	13.10		Last Accidents :	N
Last Fire Drill :		Last Test TVD :	11654.00	ft	Last Safety Meeting :	7/12/2019 15:00
Last Evac Drill :		Last Test Pressure :	846.000	psi	Last Safety Meeting Topic :	HOUSE KEEPING / WALK WAYS

Contacts							
Day Sup. :	RAUL BAEZA	Phone :	432-853-7484	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	BRIAN EHRENBURG	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :	936-697-2991			Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

41

Report Date :

7/11/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

James Thibodeaux

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	19975.	13.10000	64.00	17	25.00	0.0	26951	701.0	78	22	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
10	1	6.750	HALLIBURT	GT64M		683.00	24.00	28.46	1622.00	62.50	25.95	19512.00	20195.00	10.000	90.520	87.90	13.06

BHA Data

For Bit # :

10

Mud Motor : Total Made :

683

ft

Total BHA Hours :

568.0

Total Hours :

24.00

BHA # :

14

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11672.86

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
DRILLING SYSTEMS	1	14.79	5.370	0.000	5.370	0.000	3.5 IF X 3 1/2 REG	Box
STABILIZERS	1	4.85	4.780	2.290	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.260	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	29.85	5.170	0.000	5.170	0.000	3 1/2 IF X 3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	2.250	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	4.510	2.750	4.510	0.000	3.5 IF	Pin
CROSSOVER SUB	1	1.89	5.400	2.625	5.400	0.000	3.5 IF	Box
SUBS	1	3.43	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.35	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.76	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	2.730	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.99	4.500	2.750	5.000	0.000	CET 43	Box
HWDP	30	910.67	5.000	2.750	5.000	0.000	CET 43	Box

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
10	1	20195.00	10.000	200	50	250	10000.00	8000.00	285	150	195	4100.0	3900.0	200.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
10	BOMCO	12.000	5.000	85	247.122	BOMCO	12.000	5.000	0	0.000	4100.00	295	239

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
20055.00	BOMCO	1100.0	30	BOMCO	1000.0	0
20055.00	BOMCO	1300.0	40	BOMCO	1275.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	41	Report Date :	7/11/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
19592.00	90.52	163.9	11699.11		-7790.68		2284.74	8118.79	0.71
19687.00	90.45	163.5	11698.30		-7881.86		2311.38	8213.79	0.36
19781.00	89.44	163.3	11698.39		-7971.95		2338.23	8307.78	1.09
19875.00	89.30	163.0	11699.43		-8061.90		2365.50	8401.77	0.32
19969.00	89.59	163.6	11700.34		-8151.93		2392.51	8495.77	0.70
20063.00	90.93	163.6	11699.91		-8242.10		2419.06	8589.76	1.40

Hook Loads		Comments	
Up :	295	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 904 HRS (37.66 DAYS)</p> <p>-----</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL NOT REPLACE THESE 6 JOINTS), NEW TOTAL OF 5" DP ON LOCATION 366 JOINTS.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2</p>	
Down :	150		
Rotating :	195		
Torque :	0		Amps
Torque :	10.00		ft lbf

CRACKED PINS ON 5" HWDP, HARDBAND 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS. RETURNED REPAIRS TO LOCATION ON 7/6/18

DAYS SINCE LAST LTA: (1324 DAYS): LAST OSHA RECORDABLE INCIDENT: (561)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 197.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
CODE 8: 2 HRS 6/5/18
COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE
25.5 HRS OH LOGGING NON-AFE TIME
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\
10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/5/18 TOOH DUE TO WASH-OUT
18-HRS FISH RSS 7/6/18
22.5 HRS FISH RSS 7/7/18
17.5 HRS FISH RSS 7/8/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 0 BBLS / 647 BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: 28 BBLS TO CUTTINGS // TOTAL= 366 BBLS
OBM LOST: 0 BBLS// TOTAL = 313 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS BBL// TOTAL 879-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2302 BBLS
TRANSFERRED OUT 475 BBLS

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 839/ 38,139 GALS
MUD DIESEL (DAILY/TOTAL): 1023/ 16,968 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 72 / 3098 GALS
CERTARUS CNG (DAILY/ TOTAL) 349.7 MCF / 20,706.96 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA#14; BIT #10- 6.75" HALLIBURTON GTD64DM, S/N #13056369 W/-6-14'S =TFA 0.9020 // RSS TOOL 6.55 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.45" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.75" NM PONY // 4.71 PONY SUB// 4.74" VC X-OVER // 5.13" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.8" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,672.86' // BIT TO SURVEY 88' // BIT TO GAMMA 86.14' // DEPTH IN 18,573' // DEPTH OUT XX,XXX' // FTG. DRILLED XXXX' // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XX // AVG R.O.P. XX.XX FPH // REASON PULLED = XXX // BIT GRADE=X-X-X-X-X-XX-XX

BHA #13, FISH ASSY #2, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 4-7/8" BOTTOM GRAPPLE & 4 3/4" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5" BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER //

5.02" CENTRALIZER MWD (LANDING SUB, CENTRALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON PULLED = DTF // BIT GRADE=2-2-FC-S-I-NO-DTF

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG // 4.75" NMDC // X-OVER= 3 1/2" IF X CET 43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" / (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR

HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Connection Gas :

Flare Length :

Trip Calc :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$74,389

Cost to Date : \$3,581,366

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$4,622,308

Report Information

Report # : 42

Report Date : 7/12/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : RSS DRLD 6 3/4" LATERAL F/ 20.745' -T/ 20.874' (129' @ 21.5 FPH) MW 13.1 PPG

Ops Forecast : RSS DRILL 6 3/4" LATERAL TOWARDS ETD @ 21.580'

24hr. Summary : DRLD 6 3/4" RSS LATERAL F/20.195" -T/20.745' (550' @ 23.9 FPH) MW 13.1 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 38

Progress : 550.00 ft

MD at Report Time : 20745.00 ft

Rig on Location (days) : 42

Est. TD : 21614.60 ft

TVD At Report Time : 11690.30 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 24.00

Total Drilling Hours : 529.00

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 100.00

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20289.00	RSS DRILL 6 3/4" LATERAL; F/20, 195' - T/20, 289' (94' @ 31.3 FPH) 14 WOB, 60 RPM, 250 GPM, 200 MRPM, 4144 SPP, 504 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
03:00	06:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20380.00	RSS DRILL 6 3/4" LATERAL; F/20, 289' - T/20, 380' (91' @ 30.3 FPH) 12 WOB, 50 RPM, 250 GPM, 200 MRPM, 4124 SPP, 418 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
06:00	08:00	2.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20432.00	RSS DRILL 6 3/4" LATERAL; F/20, 380' - T/20, 432' (52' @ 26 FPH) 12 WOB, 50 RPM, 250 GPM, 200 MRPM, 4035 SPP, 326 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
08:00	09:00	1.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20432.00	SERVICE RIG / TOP DRIVE / BOP DRILL.
09:00	12:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20497.00	RSS DRILL 6 3/4" LATERAL; F/20, 432' - T/20, 497' (65' @ 21.6 FPH) 10 WOB, 50 RPM, 250 GPM, 200 MRPM, 4052 SPP, 406 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
12:00	15:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20550.00	RSS DRILL 6 3/4" LATERAL; F/20, 497' - T/20, 550' (53' @ 17.6 FPH) 14 WOB, 50 RPM, 250 GPM, 200 MRPM, 4052 SPP, 406 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
15:00	18:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20607.00	RSS DRILL 6 3/4" LATERAL; F/20, 550' - T/20, 607' (57' @ 19 FPH) 12 WOB, 50 RPM, 250 GPM, 200 MRPM, 4132 SPP, 460 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
18:00	21:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20658.00	RSS DRILL 6 3/4" LATERAL; F/20, 607' - T/20, 658' (51' @ 17' FPH) 14 WOB, 50 RPM, 250 GPM, 200 MRPM, 3882' SPP, 198 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
21:00	00:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20745.00	RSS DRILL 6 3/4" LATERAL; F/20, 658' - T/20, 745' (87' @ 29' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4128' SPP, DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation:	2793.00	ft	KB To GL :	25.00	ft
Rig(s) for today :	Scan Texas		Rig Manager :	ROCKY BROUMLEY	
Date and Time of Rig Release :			Days From Rig Release :	0.00	
				Rig Phone :	432-200-2272
				Rig Fax :	

Safety						
Last BOP Test(F) Date :	7/6/2018	Last BOP Pressure :	8500.000	psi	Last Lot Fit :	14.50
Last Csg Date :	6/19/2018	Last Csg Pressure :	1500.000	psi	Last Spills Reported :	N
Last BOP Drill Date :	7/12/2018	Last Test MW :	13.10		Last Accidents :	N
Last Fire Drill :		Last Test TVD :	11654.00	ft	Last Safety Meeting :	7/12/2019 20:00
Last Evac Drill :		Last Test Pressure :	846.000	psi	Last Safety Meeting Topic :	OIL BASE MUD / PROPER PPE / TEA

Contacts							
Day Sup. :	RAUL BAEZA	Phone :	432-853-7484	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	BRIAN EHRENBURG	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :	936-697-2991			Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	42	Report Date :	7/12/2018
------------	----	---------------	-----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer :	James Thibodeaux	Mud Type :	Oil Base Mud	Polymer Type :	
----------------	------------------	------------	--------------	----------------	--

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	20625	13.10000	63.00	16	25.00	0.0	26456	691.0	78	22	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
10	1	6.750	HALLIBURT	GT64M		550.00	24.00	22.92	2172.00	86.50	25.11	20195.00	20745.00	0.000	90.520	87.90	13.06

BHA Data

For Bit # :	10	Mud Motor : Total Made :	550	ft
Total BHA Hours :	592.0	Total Hours :	24.00	
BHA # :	14	DC OD :	5.000	in
		DP OD :	4.500	in
		BHA Length :	11672.86	ft
		BHA Weight :	0.00	M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
DRILLING SYSTEMS	1	14.79	5.370	0.000	5.370	0.000	3.5 IF X 3 1/2 REG	Box
STABILIZERS	1	4.85	4.780	2.290	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.260	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	29.85	5.170	0.000	5.170	0.000	3 1/2 IF X 3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	2.250	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	4.510	2.750	4.510	0.000	3.5 IF	Pin
CROSSOVER SUB	1	1.89	5.400	2.625	5.400	0.000	3.5 IF	Box
SUBS	1	3.43	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.35	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.76	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	2.730	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.99	4.500	2.750	5.000	0.000	CET 43	Box
HWDP	30	910.67	5.000	2.750	5.000	0.000	CET 43	Box

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
10	BOMCO	12.000	5.000	85	247.122	BOMCO	12.000	5.000	0	0.000	4100.00	295	239

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
20430.00	BOMCO	1100.0	30	BOMCO	1000.0	0
20430.00	BOMCO	1300.0	40	BOMCO	1275.0	0

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 42 Report Date : 7/12/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
20252.00	90.70	163.2	11697.07		-8422.97		2473.81	8778.73	0.39
20347.00	90.98	163.0	11695.67		-8513.87		2501.38	8873.72	0.34
20440.00	91.50	163.5	11693.66		-8602.92		2528.13	8966.69	0.75
20534.00	91.30	163.2	11691.36		-8692.96		2555.03	9060.66	0.39
20628.00	89.84	163.6	11690.43		-8783.03		2581.90	9154.66	1.57

Hook Loads

Up : 295
Down : 150
Rotating : 195
Torque : 0 Amps
Torque : 10.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT: N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 928 HRS (38.66 DAYS)

UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL NOT REPLACE THESE 6 JOINTS), NEW TOTAL OF 5" DP ON LOCATION 366 JOINTS.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2

CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS. RETURNED REPAIRS TO LOCATION ON 7/6/18

DAYS SINCE LAST LTA: (1325 DAYS): LAST OSHA RECORDABLE INCIDENT: (562)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 197.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
CODE 8: 2 HRS 6/5/18
COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE
25.5 HRS OH LOGGING NON-AFE TIME
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE
10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/5/18 TOOH DUE TO WASH-OUT
18-HRS FISH RSS 7/6/18
22.5 HRS FISH RSS 7/7/18
17.5 HRS FISH RSS 7/8/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 0 BBLS / 647 BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: 21 BBLS TO CUTTINGS // TOTAL= 387 BBLS
OBM LOST: 52 BBLS// TOTAL = 308 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS 47 BBL// TOTAL 925-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2276 BBLS
TRANSFERRED OUT 475 BBLS

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 815/ 38,954 GALS
MUD DIESEL (DAILY/TOTAL): 965 / 16,968 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 132 / 3230 GALS
CERTARUS CNG (DAILY/ TOTAL) 1174 MCF / 21,881 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA#14; BIT #10- 6.75" HALLIBURTON GTD64DM, S/N #13056369 W/-6-14'S =TFA 0.9020 // RSS TOOL 6.55 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.45" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.75" NM PONY // 4.71 PONY SUB// 4.74" VC X-OVER // 5.13" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.8" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,672.86' // BIT TO SURVEY 88' // BIT TO GAMMA 86.14' // DEPTH IN 18,573' // DEPTH OUT XX,XXX' // FTG. DRILLED XXXX' // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XX // AVG R.O.P. XX.XX FPH // REASON PULLED = XXX // BIT GRADE=X-X-X-X-X-XX-XX

BHA #13, FISH ASSY #2, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 4-7/8" BOTTOM GRAPPLE & 4 3/4" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5" BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER //

5.02" CENTRALIZER MWD (LANDING SUB, CENTRALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON PULLED = DTF // BIT GRADE=2-2-FC-S-I-NO-DTF

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG // 4.75" NMDC // X-OVER= 3 1/2" IF X CET 43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" / (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR

HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Connection Gas :

Flare Length :

Trip Calc :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$62,784

Cost to Date : \$3,644,150

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$4,685,092

Report Information

Report # : 43

Report Date : 7/13/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : RSS DRLD 6 3/4" LATERAL F/ 21.303' -T/ 21.575' (272' @ 45.3 FPH) MW 13.1 PPG

Ops Forecast : RSS DRILL 6 3/4" LATERAL TOWARDS ETD @ 21.580'

24hr. Summary : RSS DRLD 6 3/4" LATERAL F/ 20.745' -T/ 21.303' (558' @ 24.2 FPH) MW 13.1 PPG

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 39

Progress : 558.00 ft

MD at Report Time : 21303.00 ft

Rig on Location (days) : 43

Est. TD : 21614.60 ft

TVD At Report Time : 11689.40 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 23.50

Total Drilling Hours : 552.50

Total Hours : 24.00

Time Code : DRILLING

Drilling % : 97.92

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20810.00	RSS DRILL 6 3/4" LATERAL; F/20,745' - T/20,810' (65' @ 21.6' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4128' SPP, 578 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
03:00	06:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20874.00	RSS DRILL 6 3/4" LATERAL; F/20,810' - T/20,874' (64' @ 21.3' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4128' SPP, 488 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
06:00	09:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	20940.00	RSS DRILL 6 3/4" LATERAL; F/20,874' - T/20,940' (66' @ 22' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4128' SPP, 612 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
09:00	12:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	21046.00	RSS DRILL 6 3/4" LATERAL; F/20,940' - T/21,046' (106' @ 35.3' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4128' SPP, 312 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
12:00	12:30	0.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	21062.00	RSS DRILL 6 3/4" LATERAL; F/21,046' - T/21,062' (16' @ 32' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4128' SPP, DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
12:30	13:30	1.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	21062.00	RELOG 60' GAMMA DUE TO MD TOTCO FAILURE.
13:30	14:30	1.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	21093.00	RSS DRILL 6 3/4" LATERAL; F/21,062' - T/21,093' (31' @ 31' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4128' SPP, 522 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
14:30	15:00	0.50	DRLPRL	10C	LUB RIG - RIG SERVICE - OTHER	No	10	1	21093.00	SERVICE RIG GREASE TOP DRIVE / DRAW WORKS.
15:00	18:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	21176.00	RSS DRILL 6 3/4" LATERAL; F/21,093' - T/21,176' (83' @ 27.6' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4047' SPP, 470 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
18:00	21:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	21228.00	RSS DRILL 6 3/4" LATERAL; F/21,176' - T/21,228' (52' @ 17.3' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4109' SPP, 510 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
21:00	00:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	21303.00	RSS DRILL 6 3/4" LATERAL; F/21,228' - T/21,303' (75' @ 25' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4047' SPP, 470 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00

SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information							
KB Elevation: 2793.00		ft		KB To GL: 25.00		ft	
Rig(s) for today : Scan Texas		Rig Manager : ROCKY BROUMLEY		Rig Phone : 432-200-2272			
Date and Time of Rig Release :		Days From Rig Release : 0.00		Rig Fax :			

Safety							
Last BOP Test(F) Date : 7/6/2018		Last BOP Pressure : 8500.000		psi		Last Lot Fit : 14.50	
Last Csg Date : 6/19/2018		Last Csg Pressure : 1500.000		psi		Last Spills Reported : N	
Last BOP Drill Date : 7/13/2018		Last Test MW : 13.10				Last Accidents : N	
Last Fire Drill :		Last Test TVD : 11654.00		ft		Last Safety Meeting : 7/12/2019 20:00	
Last Evac Drill :		Last Test Pressure : 846.000		psi		Last Safety Meeting Topic : HEAT STRESS / STAY HYDRATED	

Contacts							
Day Sup. : RAUL BAEZA		Phone : 432-853-7484		Superintendent : SANTOS MOROLES		Phone : 432-559-4901	
Night Sup. : BRIAN EHRENBURG		Phone :		Geologist : ALBERT BONDURANT		Phone : 205.568.5467	
Alt. Phone : 936-697-2991				Drill. Eng. : BRANNON SMITH		Phone : 432-818-1777	

Attachments	
Daily Attachment Folder(s)	

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

43

Report Date :

7/13/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

James Thibodeaux

Mud Type :

Oil Base Mud

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	21195.	13.10000	62.00	16	25.00	0.0	26951	693.0	78	22	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
10	1	6.750	HALLIBURT	GT64M		558.00	23.50	23.74	2730.00	110.00	24.82	20745.00	21303.00	8.000	90.520	87.90	13.06

BHA Data

For Bit # :

10

Mud Motor : Total Made :

558

ft

Total BHA Hours :

615.5

Total Hours :

23.50

BHA # :

14

DC OD :

5.000

in

DP OD :

4.500

in

BHA Length :

11672.86

ft

BHA Weight

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
DRILLING SYSTEMS	1	14.79	5.370	0.000	5.370	0.000	3.5 IF X 3 1/2 REG	Box
STABILIZERS	1	4.85	4.780	2.290	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.260	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	29.85	5.170	0.000	5.170	0.000	3 1/2 IF X 3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	2.250	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	4.510	2.750	4.510	0.000	3.5 IF	Pin
CROSSOVER SUB	1	1.89	5.400	2.625	5.400	0.000	3.5 IF	Box
SUBS	1	3.43	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.35	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.76	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	2.730	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.99	4.500	2.750	5.000	0.000	CET 43	Box
HWDP	30	910.67	5.000	2.750	5.000	0.000	CET 43	Box

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
10	1	21303.00	8.000	200	50	250	10000.00	8000.00	285	150	195	4117.0	3900.0	217.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
10	BOMCO	12.000	5.000	85	247.122	BOMCO	12.000	5.000	0	0.000	4117.00	295	239

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
21090.00	BOMCO	1100.0	30	BOMCO	1000.0	0
21090.00	BOMCO	1300.0	40	BOMCO	1275.0	0

Daily Drilling Report P3



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWI	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # : 43 Report Date : 7/13/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A
Event Sub Type : Drilling Prod

Drill Bottom Hole Targets

Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data

Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
20816.00	89.56	163.1	11691.46		-8963.01		2636.20	9342.65	0.12
20910.00	89.90	163.0	11691.91		-9052.92		2663.62	9436.64	0.37
21004.00	90.42	163.5	11691.64		-9142.93		2690.71	9530.64	0.75
21099.00	90.56	163.0	11690.83		-9233.90		2718.07	9625.63	0.49
21194.00	91.16	163.4	11689.40		-9324.84		2745.52	9720.61	0.70

Hook Loads

Up : 295
Down : 195
Rotating : 150
Torque : 0 Amps
Torque : 10.00 ft lbf

Comments

UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.
RIG ON DAYRATE @ 08:00 HRS, 06/04/2018
SPUD WELL @ 6-XX-2018 HRS
(67 HR. RIG MOVE)
RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .

NOTIFIED TRRC: SPUD: N/A
NOTIFIED TRRC: INTERMENT: N/A
NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC
NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2
NOTIFIED TRRC: PRODUCTION

RESUMED DRILLING OPERATIONAL HRS. = 952 HRS (39.66 DAYS)

UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL NOT REPLACE THESE 6 JOINTS), NEW TOTAL OF 5" DP ON LOCATION 366 JOINTS.

PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.

PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY

PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI

INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2

CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS. RETURNED REPAIRS TO LOCATION ON 7/6/18

DAYS SINCE LAST LTA: (1326 DAYS): LAST OSHA RECORDABLE INCIDENT: (563)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 197.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
CODE 8: 2 HRS 6/5/18
COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE
25.5 HRS OH LOGGING NON-AFE TIME
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\
10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/5/18 TOOH DUE TO WASH-OUT
18-HRS FISH RSS 7/6/18
22.5 HRS FISH RSS 7/7/18
17.5 HRS FISH RSS 7/8/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 0 BBLS / 647 BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: 25 BBLS TO CUTTINGS // TOTAL= 412 BBLS
OBM LOST: 21 BBLS// TOTAL = 329 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS 36 BBL// TOTAL 961-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2266 BBLS
TRANSFERRED OUT 475 BBLS

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 784 / 39,738 GALS
MUD DIESEL (DAILY/TOTAL): 959 / 16,968 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 55 / 3285 GALS
CERTARUS CNG (DAILY/ TOTAL) 1157 MCF / 23,038 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA#14; BIT #10- 6.75" HALLIBURTON GTD64DM, S/N #13056369 W/-6-14'S =TFA 0.9020 // RSS TOOL 6.55 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.45" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.75" NM PONY // 4.71 PONY SUB// 4.74" VC X-OVER // 5.13" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.8" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,672.86' // BIT TO SURVEY 88' // BIT TO GAMMA 86.14' // DEPTH IN 18,573' // DEPTH OUT XX,XXX' // FTG. DRILLED XXXX' // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XX // AVG R.O.P. XX.XX FPH // REASON PULLED = XXX // BIT GRADE=X-X-X-X-X-XX-XX

BHA #13, FISH ASSY #2, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 4-7/8" BOTTOM GRAPPLE & 4 3/4" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5" BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER //

5.02" CENTRALIZER MWD (LANDING SUB, CENTRALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON PULLED = DTF // BIT GRADE=2-2-FC-S-I-NO-DTF

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG // 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" / (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR

HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Connection Gas :

Flare Length :

Trip Calc :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$65,161

Cost to Date : \$3,709,311

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$4,750,253

Report Information

Report # : 44

Report Date : 7/14/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : CONT: L/DN 4 1/2' DP / DIRECTIONAL BHA F/11,700' - T/6885', MONITORING WELL THROUGH TRIP TANK.

Ops Forecast : FINISH LDDP & BHA / CLEAR FLOOR / PULL WEAR BUSHIING /RU CSG CREW / RUN 4 1/2' / 5 1/2" PROD CASING.

24hr. Summary : RSS DRLD 6 3/4" LATERAL F/ 21,575' -T/ 21,615' (40' @ 26.6 FPH) MW 13.1 PPG / TD LATERAL /CIRC: HOLE CLEAN / POOH 10 STDS RACKING BACK IN DERRICK / FLOW CHECK ---SLUG PIPE 65 BBLs /L/DN 4.5 DRILL -PIPE.

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 40

Progress : 312.00 ft

MD at Report Time : 21615.00 ft

Rig on Location (days) : 44

Est. TD : 21614.60 ft

TVD At Report Time : 11684.32 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 7.50

Total Drilling Hours : 560.00

Total Hours : 24.00

Time Code : TRIPPING -

Drilling % : 31.25

Rotating % : 100.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	21442.00	RSS DRILL 6 3/4" LATERAL; F/21,303' - T/21,442' (139' @ 46.3' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4047' SPP, 470 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
03:00	06:00	3.00	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	21565.00	RSS DRILL 6 3/4" LATERAL; F/21,442' - T/21,565' (123' @ 41' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4153' SPP, 520 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
06:00	07:30	1.50	DRLPRL	02D	DRILLING - MTR/TURB - DIR/HORZ	No	10	1	21615.00	RSS DRILL 6 3/4" LATERAL; F/21,565' - T/21,615' (50' @ 33.3' FPH) 11 WOB, 50 RPM, 250 GPM, 200 MRPM, 4153' SPP, 520 DIFF, 10K TQ, DRLG DOWN FLOW LINE W/ NO GAINS OR LOSES. MWT = 13.1 PPG IN/OUT
07:30	15:00	7.50	DRLPRL	07C	C & C MUD - PRIOR TO TRIP	No	10	1	21615.00	DOWN LINK RSS / CIRC WITH 261 GPM / 80 RPMS DN / 0 UP / 4357 PSI / PU WT 280K/ SO WT 150K/ ROT WT 195K.
15:00	16:00	1.00	DRLPRL	08D	TRIPPING - CASING / LINER	No	10	1	21615.00	PULL 10 STD STAND BACK IN THE DERRICK / FLOW CHECK FOR 15 MIN WELL STATIC / PUMP 60 BBLs (867 STKS) OF 15.5 PPG SLUG / FOLLOWED BY 10 BBLs (145 STKS) OF 13 # ACTIVE..
16:00	00:00	8.00	DRLPRL	08D	TRIPPING - CASING / LINER	No	10	1	21615.00	BEGIN LAYING DOWN 4.5 DRILL PIPE F/ 20, 685' 11,700' WITH NO ISSUES / HOLE TAKING PROPER FILL / PULL ROTATING / CHECK FLOW WELL STATIC.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation: 2793.00 ft

KB To GL: 25.00 ft

Rig(s) for today : Scan Texas

Rig Manager : ROCKY BROUMLEY

Rig Phone : 432-200-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date : 7/6/2018

Last BOP Pressure : 8500.000 psi

Last Lot Fit : 14.50

Last Csg Date : 6/19/2018

Last Csg Pressure : 1500.000 psi

Last Spills Reported : N

Last BOP Drill Date : 7/14/2018

Last Test MW : 13.10

Last Accidents : N

Last Fire Drill :

Last Test TVD : 11654.00 ft

Last Safety Meeting : 7/14/2019 20:00

Last Evac Drill :

Last Test Pressure : 846.000 psi

Last Safety Meeting Topic : HAND PLACEMENT / TEAM WORK /

Day Sup. :	RAUL BAEZA	Phone :	432-853-7484	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	BRIAN EHRENBURG	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :	936-697-2991			Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	44	Report Date :	7/14/2018
------------	----	---------------	-----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer :	James Thibodeaux	Mud Type :	Oil Base Mud	Polymer Type :	
----------------	------------------	------------	--------------	----------------	--

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	21615.	13.10000	62.00	14	23.00	0.0	27543	691.0	78	22	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
10	1	6.750	HALLIBURT	GT64M		312.00	7.50	41.60	3042.00	117.50	25.89	21303.00	21615.00	8.000	90.520	87.90	13.06

BHA Data

For Bit # :	10	Mud Motor : Total Made :	312	ft
Total BHA Hours :	630.5	Total Hours :	7.50	
BHA # :	14	DC OD :	0.000	in
		DP OD :	0.000	in
		BHA Length :	11672.86	ft
		BHA Weight :	0.00	M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
DRILLING SYSTEMS	1	14.79	5.370	0.000	5.370	0.000	3.5 IF X 3 1/2 REG	Box
STABILIZERS	1	4.85	4.780	2.290	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.260	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	29.85	5.170	0.000	5.170	0.000	3 1/2 IF X 3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	2.250	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	4.510	2.750	4.510	0.000	3.5 IF	Pin
CROSSOVER SUB	1	1.89	5.400	2.625	5.400	0.000	3.5 IF	Box
SUBS	1	3.43	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.35	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.76	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	2.730	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.99	4.500	2.750	5.000	0.000	CET 43	Box
HWDP	30	910.67	5.000	2.750	5.000	0.000	CET 43	Box

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
10	1	21615.00	8.000	200	50	250	10000.00	8000.00	285	150	195	4117.0	3900.0	217.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
10	BOMCO	12.000	5.000	85	247.122	BOMCO	12.000	5.000	0	0.000	4117.00	0	0

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
21615.00	BOMCO	1100.0	30	BOMCO	1000.0	0
21615.00	BOMCO	1300.0	40	BOMCO	1275.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			

Report Information		Operations	
Report # :	44	Report Date :	7/14/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
21382.00	90.30	163.7	11689.13		-9504.94		2799.42	9908.61	1.10
21476.00	93.27	169.1	11686.20		-9596.22		2821.49	10002.41	6.40
21526.00	91.04	166.4	11684.32		-9645.04		2832.08	10052.24	6.81
21615.00	91.04	166.4	11682.70		-9731.54		2852.96	10141.12	0.00

Hook Loads	Comments
Up : 295	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18, AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 1000 HRS (41.66 DAYS)</p> <p>-----</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL NOT REPLACE THESE 6 JOINTS), NEW TOTAL OF 5" DP ON LOCATION 366 JOINTS.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2</p>
Down : 195	
Rotating : 150	
Torque : 0 Amps	
Torque : 0.00 ft lbf	

CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS. RETURNED REPAIRS TO LOCATION ON 7/6/18

DAYS SINCE LAST LTA: (1327 DAYS): LAST OSHA RECORDABLE INCIDENT: (564)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 197.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
CODE 8: 2 HRS 6/5/18
COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE
25.5 HRS OH LOGGING NON-AFE TIME
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\N
10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/5/18 TOOH DUE TO WASH-OUT
18-HRS FISH RSS 7/6/18
22.5 HRS FISH RSS 7/7/18
17.5 HRS FISH RSS 7/8/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 0 BBLs / 647 BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: 18 BBLs TO CUTTINGS // TOTAL= 430 BBLs
OBM LOST: BBLs// TOTAL = 334 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS 51 BBL// TOTAL 1012-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2294 BBLs
TRANSFERRED OUT 475 BBLs

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 1161 / 40,899 GALS
MUD DIESEL (DAILY/TOTAL): 925 / 16,990 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 28 / 3313 GALS
CERTARUS CNG (DAILY/ TOTAL) 454 MCF / 23,492 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA#14; BIT #10- 6.75" HALLIBURTON GTD64DM, S/N #13056369 W/-6-14'S =TFA 0.9020 // RSS TOOL 6.55 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.45" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.75" NM PONY // 4.71 PONY SUB// 4.74" VC X-OVER // 5.13" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.8" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,672.86' // BIT TO SURVEY 88' // BIT TO GAMMA 86.14' // DEPTH IN 18,573' // DEPTH OUT XX,XXX' // FTG. DRILLED XXXX' // TOTAL DRLG HRS. XXX // TOTAL MTR HRS. XX // AVG R.O.P. XX.XX FPH // REASON PULLED = XXX // BIT GRADE=X-X-X-X-X-XX-XX

BHA #13, FISH ASSY #2, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 4-7/8" BOTTOM GRAPPLE & 4 3/4" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5" BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER //

5.02" CENTRALIZER MWD (LANDING SUB, CENTRALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON PULLED = DTF // BIT GRADE=2-2-FC-S-I-NO-DTF

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG // 4.75" NMDC // X-OVER= 3 1/2" IF X CET 43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" / (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR

HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Connection Gas :

Flare Length :

Trip Calc :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$62,426

Cost to Date : \$3,771,737

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$4,812,679

Report Information

Report # : 45

Report Date : 7/15/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : RUN PRODUCTION CASING F/6563'- T/11,600' / MONITORING WELL THROUGH TRIP TANK.

Ops Forecast : FINISH RUNNING PRODUCTION CASING/ CIRC 1.5 TIMES CASING CAP/ RIG UP AND CEMENT PRODUCTION CASING/ WOC/ SET SLIPS/ CUTOFF/ INSTALL TBG HEAD & RELEASE RIG

24hr. Summary : FINISH LDDP & BHA / CLEAR FLOOR / PULL WEAR BUSHIING /RU CSG CREW / RUN 4 1/2' / 5 1/2" PROD CASING.

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 41

Progress : 0.00 ft

MD at Report Time : 21615.00 ft

Rig on Location (days) : 45

Est. TD : 21614.60 ft

TVD At Report Time : 11684.32 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 560.00

Total Hours : 24.00

Time Code : RUN CASII

Drilling % : 0.00

Rotating % : 0.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Activity		NPT	Bit #	Run #	Depth (ft)	Remarks
				Time Code	Description					
00:00	01:30	1.50	DRLPRL	08D	TRIPPING - CASING / LINER	No	10	1	21615.00	CONT LAYING DOWN 4. 5" DRILL PIPE F/ 11, 700' - T/10, 140' WITH NO ISSUES / HOLE TAKING PROPER FILL / MONTERING WELL THROUGH TRIP TANK.
01:30	02:30	1.00	DRLPRL	10C	LUB RIG - RIG SERVICE - OTHER	No	10	1	21615.00	SERVICE RIG / ROUGH NECK STARTED LEAKING / RIG UP PIPE SPINNERS.
02:30	12:00	9.50	DRLPRL	08D	TRIPPING - CASING / LINER	No	10	1	21615.00	CONT LAYING DOWN 4. 5" DRILL PIPE F/ 11, 700' - T/10, 140' WITH NO ISSUES / HOLE TAKING PROPER FILL / MONTERING WELL THROUGH TRIP TANK.
12:00	13:00	1.00	DRLPRL	08D	TRIPPING - CASING / LINER	No	10	1	21615.00	PULL ROTATING HEAD / L/ DN BHA / L/ DN 2 PONY COLLARS / MWD VELOCITY TOOL / L/ DN MWD TOOL CARRIER / DRAIN MTR / BREAK BIT / LAY DN MTR FLOAT SUB & RSS TOOL THE SAME./ BIT GRADED: 1 -3-CT-A4-ND- TD
13:00	14:30	1.50	DRLPRL	08D	TRIPPING - CASING / LINER	No			21615.00	RUN IN HOLE WITH 10 STDS DP OUT OF THE DERRICK AND L/ DN THE SAME..
14:30	16:30	2.00	DRLPRL	08D	TRIPPING - CASING / LINER	No			21615.00	PULL WEAR BUSHING / RIG DOWN FLOOR / LOAD OUT ALL 4. 5" EQUIPMENT / MUD BUCKET / PIPE SPINNERS / ROTATING HEAD ASSEMBLY/ MOUSE HOLE BOWL AND OTHER MISC / CLEAN AND PREP FLOOR TO RUN CASING.
16:30	17:30	1.00	CSGPRO	15A	RUN CASING - RU/RD EQUIPMENT	No			21615.00	RU BUTCH' S CSG CREW & NORTH AMERICAN SERVICES FOR TORQURE TURN AND CRT / HOLD PJSM WITH ALL RPERSONNEL.
17:30	00:00	6.50	CSGPRO	15C	RUN CASING - OTHER	No			21615.00	MAKE UP AND PUMP THROUGH 4 1/2" SHOE TRACK (OK), RUN 4 1/2" 15. 1# CYP110 ULTRA DQXHT SML R3 KOPPLE & 5 1/2" 23# CYP- 110 ULTRA DQXHT SML R3 KOPPLE PRODUCTION CASING AS FOLLOWS: INNOVEX 4 1/2" DQXHT ENOB (DOUBLE VALVE) FLOAT SHOE/ 1 JOINT 4 1/2" CASING/ 4 1/2" INNOVEX (DOUBLE VALVE) FLOAT COLLAR/ 4 1/2" PACKERS PLUS LANDING COLLAR/ ONE JOINT 4 1/2" CASING/ 4 1/2" GLOBE TOE SLEEVE/ 31 JOINT 4 1/2" CASING W/ 12 FRAC SLEEVES EVERY OTHER JT/ 258 JTS 4 1/2" CSG/ 4 1/2" X 5 1/2" X- OVER/ 27 JTS 5 1/2" CSG/ 1- 5 1/2" MARKER JOINT/ 264 JTS. 5 1/2" CSG. (RUN CSG F/ SURF - T/ 6, 563')

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation: 2793.00 ft

Rig(s) for today : Scan Texas

KB To GL: 25.00 ft

Rig Manager : ROCKY BROUMLEY

Rig Phone : 432-200-2272

Page 1

Date and Time of Rig Release :			Days From Rig Release :	0.00	Rig Fax :	
--------------------------------	--	--	-------------------------	------	-----------	--

Safety						
Last BOP Test(F) Date :	7/6/2018	Last BOP Pressure :	8500.000	psi	Last Lot Fit :	14.50
Last Csg Date :	6/19/2018	Last Csg Pressure :	1500.000	psi	Last Spills Reported :	N
Last BOP Drill Date :	7/14/2018	Last Test MW :	13.10		Last Accidents :	N
Last Fire Drill :		Last Test TVD :	11654.00	ft	Last Safety Meeting :	7/14/2019 20:00
Last Evac Drill :		Last Test Pressure :	846.000	psi	Last Safety Meeting Topic :	RUN CASING /WORKING WITH 3RD

Contacts							
Day Sup. :	RAUL BAEZA	Phone :	432-853-7484	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	BRIAN EHRENBURG	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :	936-697-2991			Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	45	Report Date :	7/15/2018
------------	----	---------------	-----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer :	James Thibodeaux	Mud Type :	Oil Base Mud	Polymer Type :	
----------------	------------------	------------	--------------	----------------	--

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
1	19:00	21615.	13.10000	67.00	15	24.00	0.0	26951	695.0	78	22	7.4

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
10	1	6.750	HALLIBURT	GT64M		0.00	0.00	0.00	3042.00	117.50	25.89	21615.00	21615.00	0.000	0.000	0.00	0.00

BHA Data

For Bit # :	10	Mud Motor : Total Made :	0	ft
Total BHA Hours :	630.5	Total Hours :	0.00	
BHA # :	14	DC OD :	0.000	in
		DP OD :	0.000	in
		BHA Length :	11672.86	ft
		BHA Weight :	0.00	M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
DRILLING SYSTEMS	1	14.79	5.370	0.000	5.370	0.000	3.5 IF X 3 1/2 REG	Box
STABILIZERS	1	4.85	4.780	2.290	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.260	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	29.85	5.170	0.000	5.170	0.000	3 1/2 IF X 3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	2.250	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	4.510	2.750	4.510	0.000	3.5 IF	Pin
CROSSOVER SUB	1	1.89	5.400	2.625	5.400	0.000	3.5 IF	Box
SUBS	1	3.43	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.35	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.76	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	2.730	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.99	4.500	2.750	5.000	0.000	CET 43	Box
HWDP	30	910.67	5.000	2.750	5.000	0.000	CET 43	Box

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
10	1	0.00	0.000	0	0	0	0.00	0.00	0	0	0	0.0	0.0	0.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
10	BOMCO	12.000	5.000	0	0.000	BOMCO	12.000	5.000	0	0.000	0.00	0	0

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
21615.00	BOMCO	1100.0	30	BOMCO	1000.0	0
21615.00	BOMCO	1300.0	40	BOMCO	1275.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	45	Report Date :	7/15/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg
21615.00	91.04	166.4	11682.70		-9731.54		2852.96	10141.12	0.00

Hook Loads	Comments
Up : 45	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18 / AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION @ 06:15 7-15-18 / AUDREYOP# 2 / JOB# 126867</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 1000 HRS (41.66 DAYS)</p> <p>-----</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL NOT REPLACE THESE 6 JOINTS), NEW TOTAL OF 5" DP ON LOCATION 366 JOINTS.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2</p>
Down : 52	
Rotating : 0	
Torque : 0 Amps	
Torque : 0.00 ft lbf	

CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS. RETURNED REPAIRS TO LOCATION ON 7/6/18

DAYS SINCE LAST LTA: (1328 DAYS): LAST OSHA RECORDABLE INCIDENT: (565)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 197.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
CODE 8: 2 HRS 6/5/18
COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE
25.5 HRS OH LOGGING NON-AFE TIME
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\
10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/5/18 TOOH DUE TO WASH-OUT
18-HRS FISH RSS 7/6/18
22.5 HRS FISH RSS 7/7/18
17.5 HRS FISH RSS 7/8/18

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'
5 1/2" PRODUCTION: SET @ XXXXX

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 0 BBLS / 647 BBLS
OBM LOST BEHIND CASING: XX BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: 0 BBLS TO CUTTINGS // TOTAL= 430 BBLS
OBM LOST: 60 BBLS// TOTAL = 393 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS 0 BBL// TOTAL 1012-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 2235 BBLS
TRANSFERRED OUT 475 BBLS

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 399 / 41,298 GALS
MUD DIESEL (DAILY/TOTAL): 0 / 16,990 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 28 / 3341 GALS
CERTARUS CNG (DAILY/ TOTAL) 736 MCF / 24,228 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA#14; BIT #10- 6.75" HALLIBURTON GTD64DM, S/N #13056369 W/-6-14'S =TFA 0.9020 // RSS TOOL 6.55 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.45" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.75" NM PONY // 4.71 PONY SUB// 4.74" VC X-OVER // 5.13" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.8" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,672.86' // BIT TO SURVEY 88' // BIT TO GAMMA 86.14' // DEPTH IN 18,573' // DEPTH OUT 21,615' // FTG. DRILLED 3354' // TOTAL DRLG HRS. 117.5 // TOTAL MTR HRS. 117.5 // AVG R.O.P. 28.5 FPH // REASON PULLED = TD // BIT GRADE=1-3-CT-A-1-NO- TD

BHA #13, FISH ASSY #2, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 4-7/8" BOTTOM GRAPPLE & 4 3/4" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5" BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER //

5.02" CENTRALIZER MWD (LANDING SUB, CENTRALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON PULLED = DTF // BIT GRADE=2-2-FC-S-I-NO-DTF

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG // 4.75" NMDC // X-OVER= 3 1/2" IF X CET 43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" / (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILIZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99. BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'. BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS. 46 // AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL) FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR

HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB,
NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8"
NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND
6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' //
FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH //
REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :

Background Gas :

Connection Gas :

Flare Length :

Trip Calc :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost :

\$477,263

Cost to Date :

\$4,249,000

AFE # :

PB18100006

AFE :

\$10,772,650

AFE Cost to Date :

\$5,289,942

Report Information

Report # :

46

Report Date :

7/16/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

WAIT ON C&J CEMENTERS TO ARRIVE W/ PUMP TRUCKS AND MORE BARRITE SPACER DUE TO BOTH PUMP TRUCKS GOING DOWN

Ops Forecast :

CEMENT PRODUCTION CASING/ WAIT ON CEMENT/ LIFT STACK/ SET SLIP/ CUT OFF CASING/ WASH TANKS

24hr. Summary :

FINISH RUNNING PRODUCTION CASING/ CIRC 1.5 TIMES CASING CAP/ RIG UP AND ATTEMPT TO TEST LINES BOTH CEMENT TRUCK ARE DOWN. WAITING ON BACK UP TRUCK TO ARRIVE AND SPACER

Planning Status :

Elevations

GL

2768.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

42

Progress :

0.00

ft

MD at Report Time :

21615.00

ft

Rig on Location (days) :

46

Est. TD :

21614.60

ft

TVD At Report Time :

0.00

ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

0.00

Total Drilling Hours :

560.00

Total Hours :

24.00

Time Code :

WAITING -

Drilling % :

0.00

Rotating % :

0.00

Sliding % :

0.00

Start Time	End Time	Hours	Phase	Time Code	Activity Description	NPT	Bit #	Run #	Depth (ft)	Remarks
00:00	03:30	3.50	CSGPRO	15C	RUN CASING - OTHER	No			21615.00	PRODUCTION CASING AS FOLLOWS: INNOVEX 4 1/2" DQXHT ENOB (DOUBLE VALVE) FLOAT SHOE/ 1 JOINT 4 1/2" CASING/ 4 1/2" INNOVEX (DOUBLE VALVE) FLOAT COLLAR/ 4 1/2" PACKERS PLUS LANDING COLLAR/ ONE JOINT 4 1/2" CASING/ 4 1/2" GLOBE TOE SLEEVE/ 31 JOINT 4 1/2" CASING W/ 12 FRAC SLEEVES EVERY OTHER JT/ 258 JTS 4 1/2" CSG/ 4 1/2" X 5 1/2" X- OVER/ 27 JTS 5 1/2" CSG/ 1- 5 1/2" MARKER JOINT/ 264 JTS. 5 1/2" CSG. (RUN CSG F/ 6,563' - T/9935.)
03:30	04:00	0.50	CSGPRO	15C	RUN CASING - OTHER	No			21615.00	X- O FROM 4.5 TO 5.5 / SLIPS / ELEVATORS / TONG HEADS.
04:00	06:00	2.00	CSGPRO	15C	RUN CASING - OTHER	No			21615.00	CONT: RUNNING CASING TO F/9935' TO 11,774
06:00	07:00	1.00	CSGPRO	15C	RUN CASING - OTHER	No			21615.00	PJSM: RIG UP & NORTH AMERICAN SERVICES CRT.
07:00	18:30	11.50	CSGPRO	15C	RUN CASING - OTHER	No			21615.00	CONT: RUNNING CASING TO F/ 11,774' TO 21,615 WITH NO ISSUES
18:30	20:30	2.00	CSGPRO	15C	RUN CASING - OTHER	No			21615.00	BREAK CIRCULATION, CIR. 1.5 CASING CAPACITY @ 55 SPM GPM- 230 PSI- 3000
20:30	21:00	0.50	CSGPRO	15A	RUN CASING - RU/RD EQUIPMENT	No			21615.00	RIG DOWN CRT AND CASING CREW
21:00	22:00	1.00	CSGPRO	15A	RUN CASING - RU/RD EQUIPMENT	No			21615.00	SAFETY MEETING W/ C&J CEMENTERS, RIG UP CEMENTERS, HEAD, AND IRON. MIX SPACER.
22:00	00:00	2.00	CSGPRO	28D	WAITING - 3RD - PTY EQUIPMENT	Yes			21615.00	ATTEMPT TO TEST LINES. MODULE ON CEMENT TRUCK LEAKING. SWAP OVER TO OTHER PUMP TRUCK. BATCH MIXER NOT WORKING. WAIT ON O- TEX TO BRING TWO MORE TRUCKS AND MORE BARRITE SPACER

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	2	24.00	48.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation:

2793.00

ft

KB To GL:

25.00

ft

Rig(s) for today :

Scan Texas

Rig Manager :

ROCKY BROUMLEY

Rig Phone :

432-200-2272

Date and Time of Rig Release :

Days From Rig Release :

0.00

Rig Fax :

Safety

Last BOP Test(F) Date :

7/6/2018

Last BOP Pressure :

8500.000

psi

Last Lot Fit :

14.50

Last Csg Date :

6/19/2018

Last Csg Pressure :

1500.000

psi

Last Spills Reported :

N

Last BOP Drill Date :

7/14/2018

Last Test MW :

13.10

Last Accidents :

N

Last Fire Drill :

Last Test TVD :

11654.00

ft

Last Safety Meeting :

7/16/2019 20:00

Last Evac Drill : <input type="text"/>		Last Test Pressure : <input type="text" value="846.000"/> psi		Last Safety Meeting Topic : <input type="text" value="RUN CASING /WORKING WITH 3RD"/>	
Contacts					
Day Sup. : <input type="text" value="RAUL BAEZA"/>		Phone : <input type="text" value="432-853-7484"/>		Superintendent : <input type="text" value="SANTOS MOROLES"/>	
Night Sup. : <input type="text" value="BRIAN EHRENBURG"/>		Phone : <input type="text"/>		Geologist : <input type="text" value="ALBERT BONDURANT"/>	
Alt. Phone : <input type="text" value="936-697-2991"/>				Drill. Eng. : <input type="text" value="BRANNON SMITH"/>	
				Phone : <input type="text" value="432-559-4901"/>	
				Phone : <input type="text" value="205.568.5467"/>	
				Phone : <input type="text" value="432-818-1777"/>	
Attachments					
<div><div>Daily Attachment Folder(s)</div></div>					

Daily Drilling Report P2



Location Information

AREA	Permian
COST POOL	DB EEX CP
BUDGET AREA	EEX-Block 20
Well Name	UL 20 STRIPES 38-47 605H
Property Number	43STRIPES605
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Report Information

Report # :	46	Report Date :	7/16/2018
------------	----	---------------	-----------

Operations

Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod

Mud Data

Mud Engineer : James Thibodeaux					Mud Type : Oil Base Mud					Polymer Type :			
Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	CI (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)	
1	19:00	21615.	13.10000	65.00	15	23.00	0.0	26951	694.0	78	22	7.4	

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
10	1	6.750	HALLIBURT	GT64M		0.00	0.00	0.00	3042.00	117.50	25.89	21615.00	21615.00	0.000	0.000	0.00	0.00

BHA Data

For Bit # :	10	Mud Motor : Total Made :	0	ft
Total BHA Hours :	630.5	Total Hours :	0.00	
BHA # :	14	DC OD :	0.000	in
		DP OD :	0.000	in
		BHA Length :	11672.86	ft
		BHA Weight :	0.00	M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
DRILLING SYSTEMS	1	14.79	5.370	0.000	5.370	0.000	3.5 IF X 3 1/2 REG	Box
STABILIZERS	1	4.85	4.780	2.290	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.260	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	29.85	5.170	0.000	5.170	0.000	3 1/2 IF X 3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	2.250	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	4.510	2.750	4.510	0.000	3.5 IF	Pin
CROSSOVER SUB	1	1.89	5.400	2.625	5.400	0.000	3.5 IF	Box
SUBS	1	3.43	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.35	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.76	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	2.730	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.99	4.500	2.750	5.000	0.000	CET 43	Box
HWDP	30	910.67	5.000	2.750	5.000	0.000	CET 43	Box

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
10	1	0.00	0.000	0	0	0	0.00	0.00	0	0	0	0.0	0.0	0.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
10	BOMCO	12.000	5.000	0	0.000	BOMCO	12.000	5.000	0	0.000	0.00	0	0

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	1100.0	30	BOMCO	1000.0	0
0.00	BOMCO	1300.0	40	BOMCO	1275.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	46	Report Date :	7/16/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	EW	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 08:00 HRS, 06/04/2018</p> <p>SPUD WELL @ 6-XX-2018 HRS</p> <p>(67 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A</p> <p>NOTIFIED TRRC: INTERMENT: N/A</p> <p>NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18 / AUDREY OP# 2</p> <p>NOTIFIED TRRC: PRODUCTION @ 06:15 7-15-18 / AUDREYOP# 2 / JOB# 126867</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 1024 HRS (42.66 DAYS)</p> <p>-----</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL NOT REPLACE THESE 6 JOINTS), NEW TOTAL OF 5" DP ON LOCATION 366 JOINTS.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS. RETURNED REPAIRS TO LOCATION ON 7/6/18

DAYS SINCE LAST LTA: (1330 DAYS): LAST OSHA RECORDABLE INCIDENT: (567)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 2 HRS. / 199.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
CODE 8: 2 HRS 6/5/18
COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE
25.5 HRS OH LOGGING NON-AFE TIME
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE\
10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/5/18 TOOH DUE TO WASH-OUT
18-HRS FISH RSS 7/6/18
22.5 HRS FISH RSS 7/7/18
17.5 HRS FISH RSS 7/8/18
2 HRS NPT ON O-TEX ON 7/16/18 (BOTH PUMP TRUCKS DOWN)

20" CONDUCTOR SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @ 11,643, FLOAT COLLAR @ 11,743. SHOE @ 11,787). DV TOOL @ 4888' ECP @ 4981'
5 1/2" PRODUCTION: SET @ 21,608. TRIGGER TOE @ 21,523. LANDING COLLAR @ 21,565. FLOAT COLLAR @ 21,567. SHOE @ 21,608. MARKER JOINT @ 10,964. X-O @ 11,633. FRAC SLEEVES F/21,017 T/21,481 W/ ONE JOINT OF CASING BETWEEN EACH SLEEVE.

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 12 BBLs / 659 BBLs
OBM LOST BEHIND CASING: XX BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: 0 BBLs TO CUTTINGS // TOTAL= 430 BBLs
OBM LOST: 12 BBLs// TOTAL = 405 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS 0 BBL// TOTAL 1012-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 2223 BBLs
TRANSFERRED OUT 475 BBLs

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 536 / 41,834 GALS
MUD DIESEL (DAILY/TOTAL): 0 / 16,990 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 113 / 3454 GALS
CERTARUS CNG (DAILY/ TOTAL) 425 MCF / 24,653 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA#14; BIT #10- 6.75" HALLIBURTON GTD64DM, S/N #13056369 W/-6-14'S =TFA 0.9020 // RSS TOOL 6.55 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.45" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.75" NM PONY // 4.71 PONY SUB// 4.74" VC X-OVER // 5.13" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.8" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,672.86' // BIT TO SURVEY 88' // BIT TO GAMMA 86.14' // DEPTH IN 18,573' // DEPTH OUT 21,615' // FTG. DRILLED 3354' // TOTAL DRLG HRS. 117.5 // TOTAL MTR HRS. 117.5 // AVG R.O.P. 28.5 FPH // REASON PULLED = TD // BIT GRADE=1-3-CT-A-1-NO-TD

BHA #13, FISH ASSY #2, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 4-7/8" BOTTOM GRAPPLE & 4 3/4" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5" BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 //

RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6.4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER // 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON PULLED = DTF // BIT GRADE=2-2-FC-S-I-NO-DTF

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/ 6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/ MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00" // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERRA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE: RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,

CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :			
Background Gas :	Connection Gas :	Flare Length :	
Trip Calc :			

Well Incident

Report # :	Incident Date :	Report Date :
Problem Name :		

Daily Drilling Report P1



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Financials

Daily Cost : \$225,787

Cost to Date : \$4,474,788

AFE # : PB18100006

AFE : \$10,772,650

AFE Cost to Date : \$5,515,729

Report Information

Report # : 47

Report Date : 7/17/2018

Operations

Event Objective : Scan Texas D&C DB DEV WC A

Event Sub Type : Drilling Prod

A.M. Ops : INSTALL TUBING HEAD AND TEST TO 5K. TEST GOOD. ALL VALVES ON WELL HEAD ARE CLOSED. WASHING OUT MUD TANKS

Ops Forecast : FINISH WASHING OUT MUD TANKS/ RELEASE RIG AND BEGIN RIGGING DOWN TO MOVE TO SKYFALLS

24hr. Summary : CEMENT PRODUCTION CASING/ SHUT IN WELL/ NO ANNULAR PRESSURE/ WAIT ON CEMENT/ OPEN WELL UP WELL STATIC/ R/U WINCHES/ BREAK BOLTS AND LIFT STACK/ SET SLIPS W/ 150K AND CLOSE ALL VAVLES ON HEAD./NIPPLE DOWN BOPS

Planning Status :

Elevations

GL 2768.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 43

Progress : 0.00 ft

MD at Report Time : 21615.00 ft

Rig on Location (days) : 47

Est. TD : 21614.60 ft

TVD At Report Time : 0.00 ft

Event Dates

Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018									

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 560.00

Total Hours : 24.00

Time Code : NU / ND BC

Drilling % : 0.00

Rotating % : 0.00

Sliding % : 0.00

Start Time	End Time	Hours	Phase	Activity		NPT	Bit #	Run #	Depth (ft)	Remarks
				Time Code	Description					
00:00	08:00	8.00	CSGPRO	28D	WAITING - 3RD - PTY EQUIPMENT	Yes			21615.00	CIRCULATE WITH RIG PUMPS @ 50SPM WHILE WAITING ON C&J TO BRING 2 REPLACEMENT PUMP TRUCKS
08:00	09:00	1.00	CSGPRO	16A	CEMENTING - RU/RD EQUIPMENT	No			21615.00	RIG UP C&J CEMENTERS, MIX BARRITE SPACER, TEST LINES
09:00	12:30	3.50	CSGPRO	16B	CEMENTING - PRIMARY	No			21615.00	CEMENT PRODUCTION CASING AS FOLLOW.: PRESSURE TEST LINES TO 6, 000 PSI (OK) PREFORM CEMENT JOB AS FOLLOWS: 40 BBLS 13. 5PPG WEIGHTED SPACER : 30. 13GPB (28. 6BBLS) FRESH WATER + 281. 23 PPB (11, 249 LBS) BARITE + 1PPB (40 LBS) CITRIC ACID + 8. 99 PPB(360LBS) C - 65 + 1. 5 GPB (60) GAL PLEXAID 830 + 1PPB (40 LBS) C - 40P TAIL 1440 SX (312 BBLS) 50/ 50 H 14. 5# , YEILD 1. 20 W / 5. 20 WATER GAL / SK , 2 % GEL + 0. 5 % FL - 17, MIX @ 4 - 4. 5 BPM @ 1275 - 1828 PSI, SHUT DOWN, WASH PUMPS AND LINES DROP 0/ 5. 00 DDRT LANDING DART & FOAM WIPER BALL , DISPLACE DART W/ 20BBBLS SUGAR WATER AND 368. 8 BBLS 11# PPG CACL2 WATER @ 4 - 3. 5BPM 3800 - 3730 PSI, DID NOT BUMP PLUG. PUMPED 15BBLS OVER CALCULATED DISPLACEMENT @ 12: 30 PM FINAL LIFT 3750 PSI RELEASE PRESSURE, FLOATS HELD, BLED BACK 4 BBL, LEFT 47 BBLS OIL BASE BEHIND CASING. ESTIMATED TOP OF CEMENT @ (6, 526)
12:30	17:30	5.00	CSGPRO	16C	CEMENTING - WOC(NORMAL)	No			21615.00	WAIT ON CEMENT MONITORING ANNULAR PRESSURE. ANNULAR PSI-0
17:30	18:00	0.50	CSGPRO	21A	NU / ND BOPE - NU/ ND BOPE	No			21615.00	OPEN WELL UP WELL STATIC. RIG UP MONAHANS WINCHES AND TIE ON TO STACK.
18:00	20:30	2.50	CSGPRO	21A	NU / ND BOPE - NU/ ND BOPE	No			21615.00	BREAK BOTTOM FLANGES ON STACK, REMOVE FLOWLINE, REMOVE FILL UP LINE, TRUNBUCKLES, AND CHOKE LINE LIFT STACK WITH WINCHES AND SET SLIPS W/ 150K ON SLIPS
20:30	00:00	3.50	CSGPRO	21A	NU / ND BOPE - NU/ ND BOPE	No			21615.00	MAKE ROUGH CUT ON CASING AND LAY OUT CASING. SET STACK BACK DOWN AND REMOVE ROTATING HEAD AND BEARING ASSEMBLY. LIFT STACK AND SET ON TROLLY SYSTEM AND TIE DOWN. SPOOL UP MONAHANS WINCHES AND RIG DOWN. MAKE FINAL CUT ON CASING

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	2	24.00	48.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SHUTTLES LOGGING	2- MAN CREW	2	24.00	48.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00

Rig Information

KB Elevation: 2793.00 ft

KB To GL: 25.00 ft

Rig(s) for today : Scan Texas

Rig Manager : ROCKY BROUMLEY

Rig Phone : 432-200-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety						
Last BOP Test(F) Date :	7/6/2018	Last BOP Pressure :	8500.000	psi	Last Lot Fit :	14.50
Last Csg Date :	6/19/2018	Last Csg Pressure :	1500.000	psi	Last Spills Reported :	N
Last BOP Drill Date :	7/14/2018	Last Test MW :	13.10		Last Accidents :	N
Last Fire Drill :		Last Test TVD :	11654.00	ft	Last Safety Meeting :	7/17/2019 20:00
Last Evac Drill :		Last Test Pressure :	846.000	psi	Last Safety Meeting Topic :	HIGH PRESSURE LINES

Contacts							
Day Sup. :	RAUL BAEZA	Phone :	432-853-7484	Superintendent :	SANTOS MOROLES	Phone :	432-559-4901
Night Sup. :	JEREMY GRAY	Phone :		Geologist :	ALBERT BONDURANT	Phone :	205.568.5467
Alt. Phone :	936-697-2991			Drill. Eng. :	BRANNON SMITH	Phone :	432-818-1777

Attachments	
<div>Daily Attachment Folder(s)</div>	

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

47

Report Date :

7/17/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

Mud Type :

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	Cl (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
-----	------	------------	-------------------	-----------	------------------	---------	----------------	----------	--------------------------	-----------	-----------	----------------------------

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HP (HP)
10	1	6.750	HALLIBURT	GT64M		0.00	0.00	0.00	3042.00	117.50	25.89	21615.00	21615.00	0.000	0.000	0.00	0.00

BHA Data

For Bit # :

10

Mud Motor : Total Made :

0

ft

Total BHA Hours :

630.5

Total Hours :

0.00

BHA # :

14

DC OD :

0.000

in

DP OD :

0.000

in

BHA Length :

11672.86

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	D (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
BITS	1	1.00	0.000	0.000	0.000	0.000		Pin
DRILLING SYSTEMS	1	14.79	5.370	0.000	5.370	0.000	3.5 IF X 3 1/2 REG	Box
STABILIZERS	1	4.85	4.780	2.290	4.780	0.000	3.5 IF	Pin
SUBS	1	3.45	4.710	2.260	4.710	0.000	3.5 IF	Pin
CROSSOVER SUB	1	4.75	4.740	2.750	4.740	0.000	3.5 IF	Pin
MUD MOTOR	1	29.85	5.170	0.000	5.170	0.000	3 1/2 IF X 3.5 REG	Pin
FLOAT SUB	1	2.70	5.210	2.250	5.210	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	9.86	5.130	0.000	5.130	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	7.87	4.510	2.750	4.510	0.000	3.5 IF	Pin
CROSSOVER SUB	1	1.89	5.400	2.625	5.400	0.000	3.5 IF	Box
SUBS	1	3.43	4.500	3.000	4.500	0.000	3.5 IF	Box
SUBS	1	8.35	4.500	3.000	4.500	0.000	3.5 IF	Pin
GAP SUB	1	3.76	4.500	3.000	4.500	0.000	3.5 IF	Pin
NON- MAG COLLAR	1	31.15	4.500	2.730	4.500	0.000	CET 43	Pin
CROSSOVER SUB	1	3.50	4.500	3.000	5.000	0.000	CET 43	Box
DRILLPIPE	339	10630.99	4.500	2.750	5.000	0.000	CET 43	Box
HWDP	30	910.67	5.000	2.750	5.000	0.000	CET 43	Box

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)
10	1	0.00	0.000	0	0	0	0.00	0.00	0	0	0	0.0	0.0	0.0

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			
10	BOMCO	12.000	5.000	0	0.000	BOMCO	12.000	5.000	0	0.000	0.00	0	0

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	1100.0	30	BOMCO	1000.0	0
0.00	BOMCO	1300.0	40	BOMCO	1275.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	47	Report Date :	7/17/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS. RIG ON DAYRATE @ 08:00 HRS, 06/04/2018 SPUD WELL @ 6-XX-2018 HRS (67 HR. RIG MOVE) RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A NOTIFIED TRRC: INTERMENT: N/A NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18 / AUDREY OP# 2 NOTIFIED TRRC: PRODUCTION @ 06:15 7-15-18 / AUDREYOP# 2 / JOB# 126867</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 1048 HRS (43.66 DAYS)</p> <p>-----</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL NOT REPLACE THESE 6 JOINTS), NEW TOTAL OF 5" DP ON LOCATION 366 JOINTS.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

CRACKED PINS ON 5" HWDP, HARDBAND 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS. RETURNED REPAIRS TO LOCATION ON 7/6/18

DAYS SINCE LAST LTA: (1331 DAYS): LAST OSHA RECORDABLE INCIDENT: (568)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 8 HRS. / 207.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
CODE 8: 2 HRS 6/5/18
COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE
25.5 HRS OH LOGGING NON-AFE TIME
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE
10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/5/18 TOOH DUE TO WASH-OUT
18-HRS FISH RSS 7/6/18
22.5 HRS FISH RSS 7/7/18
17.5 HRS FISH RSS 7/8/18
2 HRS NPT ON O-TEX ON 7/16/18 (BOTH PUMP TRUCKS DOWN)
8 HRS ON O-TEX ON 7/17/18 DUE TO TRUCKSA AND SPACER

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'
5 1/2" PRODUCTION: SET @ 21,608. TRIGGER TOE @ 21,523. LANDING COLLAR @ 21,565. FLOAT COLLAR @ 21,567. SHOE @ 21,608. MARKER JOINT @ 10,964. X-O @11,633. FRAC SLEEVES F/21,017 T/21,481 W/ ONE JOINT OF CASING BETWEEN EACH SLEEVE.

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLS): 12 BBLS / 659 BBLS
OBM LOST BEHIND CASING: 47 BBLS
OBM LOST: XX BBLS TO FORMATION// TOTAL=0 BBLS
OBM LOST: 0 BBLS TO CUTTINGS // TOTAL= 430 BBLS
OBM LOST: 100 BBLS// TOTAL = 505 BBLS TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS 0 BBL// TOTAL 1012-BBLS
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLS RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLS TOTAL VOLUME: 1891 BBLS
TRANSFERRED OUT 475 BBLS
TRANSFERRED 200BBLS TO SCAN STAR

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 539 / 42,373 GALS
MUD DIESEL (DAILY/TOTAL): 655 / 17,645 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 83 / 3537 GALS
CERTARUS CNG (DAILY/ TOTAL) 330 MCF / 24,983 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA#14; BIT #10- 6.75" HALLIBURTON GTD64DM, S/N #13056369 W/-6-14'S =TFA 0.9020 // RSS TOOL 6.55 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.45" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.75" NM PONY // 4.71 PONY SUB// 4.74" VC X-OVER // 5.13" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.8" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,672.86' // BIT TO SURVEY 88' // BIT TO GAMMA 86.14' // DEPTH IN 18,573' // DEPTH OUT 21,615' // FTG. DRILLED 3354' // TOTAL DRLG HRS. 117.5 // TOTAL MTR HRS. 117.5 // AVG R.O.P. 28.5 FPH // REASON PULLED = TD // BIT GRADE=1-3-CT-A-1-NO-TD

BHA #13, FISH ASSY #2, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 4-7/8" BOTTOM GRAPPLE & 4 3/4" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5" BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6.4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER // 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON PULLED = DTF // BIT GRADE=2-2-FC-S-I-NO-DTF

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" / (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERRA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:

RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :			
Background Gas :	Connection Gas :	Flare Length :	
Trip Calc :			

Well Incident

Report # :	Incident Date :	Report Date :
Problem Name :		

Daily Drilling Report P1



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Financials	
Report # : 48	Report Date : 7/18/2018	Daily Cost : \$28,311	Cost to Date : \$4,492,499
		AFE # : PB18100006	
		AFE : \$10,772,650	AFE Cost to Date : \$5,533,440

Operations	
Event Objective :	Scan Texas D&C DB DEV WC A
Event Sub Type :	Drilling Prod
A.M. Ops :	RIG DOWN AND MOVE TO SKYFALLS 55-8-705H
Ops Forecast :	RIG DOWN AND MOVE TO SKYFALLS 55-8-705H
24hr. Summary :	INSTALL TUBING HEAD AND TEST TO 5K. TEST GOOD, ALL VALVES ON WELL HEAD ARE CLOSED, WASHING OUT MUD TANKS, RELEASE RIG @ 10:00 ON 7/18/18
Planning Status :	

Elevations
 GL ft Reserve Pit Freeboard: ft

Progress							
Days from Spud :	44	Progress :	0.00	ft	MD at Report Time :	21615.00	ft
Rig on Location (days) :	48	Est. TD :	21614.60	ft	TVD At Report Time :	0.00	ft

Event Dates									
Spud Date	Spud Time	Suspended Drilling Date	Resume Drilling Date	Total Depth Date	Total Depth Time	Finished Drilling Date	Finished Drilling Time	Rig Released Date	Rig Released Time
4/10/2018	15:30			4/10/2018	23:00	4/17/2018	12:00	4/18/2018	18:00
6/4/2018								7/18/2018	10:00

Time Breakdown
 Start Time : 00:00 Initial Depth : 0.00 ft Drilling Hours : 0.00 Total Drilling Hours : 560.00 Total Hours : 10.00 Time Code : NU / ND BC
 Drilling % : 0.00 Rotating % : 0.00 Sliding % : 0.00

Start Time	End Time	Hours	Phase	Activity		NPT	Bit #	Run #	Depth (ft)	Remarks
				Time Code	Description					
00:00	10:00	10.00	CSGPRO	21A	NU / ND BOPE - NU/ ND BOPE	No			21615.00	INSTALL TUBING HEAD AND TEST TO 5K (GOOD TEST), FINISH PRESSURE WASHING PITS, RELEASE RIG OFF THE UL 20 STRIPES 38- 47 #605H ON 7 - 18 - 18, AT 10.00 A. M.

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	2	24.00	48.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
PHOENIX DIRECTIONAL DRILLERS	DIRECTIONAL DRILLING	4	24.00	96.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
NATIONAL OILWELL VARCO	SOLIDS CONTROL	2	24.00	48.00

Rig Information							
KB Elevation:	2793.00	ft	KB To GL:	25.00	ft		
Rig(s) for today :	Scan Texas		Rig Manager :	TRENT VAUGHN		Rig Phone :	432-200-2272
Date and Time of Rig Release :			Days From Rig Release :	0.00		Rig Fax :	

Safety			
Last BOP Test(F) Date	7/6/2018	Last BOP Pressure	8500.000 psi
Last Csg Date	6/19/2018	Last Csg Pressure	1500.000 psi
Last BOP Drill Date	7/14/2018	Last Test MW	13.10
Last Fire Drill		Last Test TVD	11654.00 ft
Last Evac Drill		Last Test Pressure	846.000 psi
		Last Lot Fit	14.50
		Last Spills Reported	N
		Last Accidents	N
		Last Safety Meeting	7/18/2019 20:00
		Last Safety Meeting Topic	HIGH PRESSURE LINES

Contacts			
Day Sup. :	RAUL BAEZA	Phone :	432-853-7484
Night Sup. :	JEREMY GRAY	Phone :	
Alt. Phone :	936-697-2991	Superintendent :	SANTOS MOROLES
		Geologist :	ALBERT BONDURANT
		Drill. Eng. :	BRANNON SMITH
			Phone : 432-559-4901
			Phone : 205.568.5467
			Phone : 432-818-1777

Attachments

Daily Attachment Folder(s)

Daily Drilling Report P2



Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 605H

Property Number

43STRIPES605

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 1254' FNEL

4249533809

Report Information

Report # :

48

Report Date :

7/18/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

James Thibodeaux

Mud Type :

Polymer Type :

Chk	Time	Depth (ft)	Density (lbs/gal)	FV (s/qt)	YP (lbs/100 ft²)	PV (cP)	WL (cc/30 min)	Cl (ppm)	Electro Static Stability	Oil Ratio	H2O Ratio	HTHP Water Loss(cc/30 min)
-----	------	------------	-------------------	-----------	------------------	---------	----------------	----------	--------------------------	-----------	-----------	----------------------------

Bit Data

Bit #	Run #	Size (in)	Mfg.	Model	IADC Code	Daily Drilled (ft)	Daily Hours	Daily ROP (ft/hr)	Cum Drilled (ft)	Cum Hrs.	Avg. ROP (ft/hr)	Depth In (ft)	Depth Out (ft)	Max WOB (M Lbs)	PSI Drop (psi)	Nozzle Velocity (ft/s)	HHP (HP)
-------	-------	-----------	------	-------	-----------	--------------------	-------------	-------------------	------------------	----------	------------------	---------------	----------------	-----------------	----------------	------------------------	----------

BHA Data

For Bit # :

Mud Motor : Total Made :

0

ft

Total BHA Hours :

630.5

Total Hours :

0.00

BHA # :

DC OD :

0.000

in

DP OD :

0.000

in

BHA Length :

0.00

ft

BHA Weight :

0.00

M Lbs

Item	Jts	Length (ft)	OD (in)	ID (in)	Coupling OD (in)	Weight (lbs/ft)	Thread Type	Pin/Box
------	-----	-------------	---------	---------	------------------	-----------------	-------------	---------

Drilling Parameters

Bit #	Run #	Depth (ft)	WOB (M Lbs)	RPM		GPM	Torque		String Weight			Pressure		
				Motor	Rotary		On Bom (ft lbf)	Off Bom (ft lbf)	Pick Up (lbs)	Stack Off (lbs)	Rotate (lbs)	On Bom (psi)	Off Bom (psi)	Diff Press. (psi)

Pump Data

Bit #	Pump 1					Pump 2					Pump Pressure (psi)	AV DC (ft/min)	AV DP (ft/min)
	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)	Model	Stroke (in)	Liner (in)	SPM	Pump Rate (Gals/min)			

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO	1100.0	30	BOMCO	1000.0	0
0.00	BOMCO	1300.0	40	BOMCO	1275.0	0

Daily Drilling Report P3



Location Information		Bottom Hole Targets	
AREA	Permian	UWI	API / License #
COST POOL	DB EEX CP	Sec 47, Blk 20, 200' FSEL & 1254' FNEL	4249533809
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 605H		
Property Number	43STRIPES605		
Prospect			
Report Information		Operations	
Report # :	48	Report Date :	7/18/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #

Survey Data									
Depth (ft)	Deviation	Azimuth	TVD (ft)	N/S	N/S (ft)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads		Comments
Up :	0	<p>UL 20 STRIPES 38-47-605H RIG MOBILIZATION BEGAN: 6/1/18 @ 13:00HRS. RIG ON DAYRATE @ 08:00 HRS, 06/04/2018 SPUD WELL @ 6-XX-2018 HRS (67 HR. RIG MOVE) RELEASED RIG OFF OF UL 20 STRIPES 38-47 #603H ON 06/1/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD: N/A NOTIFIED TRRC: INTERMENT: N/A NOTIFIED TRRC: RESUME DRLG OPERATIONS: 15:30 6/4/18 JOB# 126867, JAZZIE TRRC NOTIFIED TRRC: 2ND INTERMEDIATE: NOTIFIED TRRC: 04:00 6/17/18 / AUDREY OP# 2 NOTIFIED TRRC: PRODUCTION @ 06:15 7-15-18 / AUDREYOP# 2 / JOB# 126867</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 1072 HRS (44.66 DAYS)</p> <p>-----</p> <p>UL 20 STRIPES 38-47 605H: INSPECT 372 OF 372 JOINTS OF SCAN RIG PIPE BY RED RIVER TO DS1 CAT-4 PLUS UTEA (6-25-18), HAVE 366 JTS PREMIUM READY (76 JTS NEED HARBANDING/RED RIVER HARD BANDED 6/27/18) 15 JTS ACCEPTED PREMIUM READY NEEDING SHOP REPAIR 1 BOX & 14 PINS FOR PITTING // (3 JT CLASS II YELLOW BAND INTERNAL PITTING), 2 JT CLASS III ORANGE BAND (INTERNAL EMI/UTI), 1 JT CLASS V SURFACE CRACKS ON PIN UPSET, (SCAN WILL NOT REPLACE THESE 6 JOINTS), NEW TOTAL OF 5" DP ON LOCATION 366 JOINTS.</p> <p>PIPE INSPECTION (CLEAN& VISUAL) SCAN 5" DP RED RIVER 6/4/18-UL 20 STRIPES 38-47 605H: 350 OF 372 JTS, 13 PINS/1 BOX SHOP REPAIRS.</p> <p>PIPE INSPECTION: CLEAN & VISUAL (UL 20 STRIPES 38-47 605H) 4 1/2" CET 43 HWDP RED RIVER 6/5/18 (30 JTS INSPECTED, (2-BENT, 2-REFACE & 1-PIN RECUT) 25 PREMIUM READY</p> <p>PIPE INSPECTION ON THE STRIPES 38-47 605 6/07/18 RED RIVER (CLEAN AND VISUAL) ON 696 OF 702 JOINTS OF 4.5 CET 43 DP. 83 JOINTS REQUIRE REFACING. 74 BOXES & 9 PINS, 2 JOINTS ARE BENT ON TUBE., NO JOINTS NEED TO BE SENT IN FOR REFACING WILL REFACE IN FIELD WITH CSI</p> <p>INSPECT 8" DC'S & 5" HWDP (6/25/18) 2 CRACKED BOXES ON 8" DC'S & 2 CRACKED BOXES/2</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

CRACKED PINS ON 5" HWDP, HARDBANDED 15 BOXES & 4 PINS ON HWDP, REPAIRS SEND TO JA OILFIELD FOR RECUTS. RETURNED REPAIRS TO LOCATION ON 7/6/18

DAYS SINCE LAST LTA: (1332 DAYS): LAST OSHA RECORDABLE INCIDENT: (569)

CREW SHORTAGES (LAST 24HRS / TOTAL HRS): 0 / 0
CREW DOUBLES (LAST 24 HRS / TOTAL HRS): 0 / 0
NON PRODUCTIVE TIME (LAST 24HRS / TOTAL HRS): 0 HRS. / 207.5 HRS.
RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 5 HRS
CODE 8: 2 HRS 6/5/18
COBE 8:3HRS 6/29/18 CHANGE OUT VIBRATOR HOSE AND TROUBLE SHOOT FLOAT VAVLE ON TOPDRIVE
25.5 HRS OH LOGGING NON-AFE TIME
2.5 HRS NPT TIME ON 6/21/18 DUE TO MWD FAILURE
22.5 HRS NPT TIME ON 6/22/18 DUE TO MWD BATTERY RUPTURED
23.5 HRS NPT ON 6/23/18 DUE TO MWD BATTERY RUPTURE
10.5HRS NPT ON 6/30/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/1/18 WASHING AND REAMING FOR RSS
4 HRS NPT ON 7/5/18 TOOH DUE TO WASH-OUT
18-HRS FISH RSS 7/6/18
22.5 HRS FISH RSS 7/7/18
17.5 HRS FISH RSS 7/8/18
2 HRS NPT ON O-TEX ON 7/16/18 (BOTH PUMP TRUCKS DOWN)
8 HRS ON O-TEX ON 7/17/18 DUE TO TRUCKSA AND SPACER

20" CONDUCTER SET @ 145'
13 3/8" SURFACE: SET @ 416'
10 3/4" 1 INTERMEDIATE: SET @ 5,002'
7 5/8" 2 INTERMEDIATE SET @ 11,805' (NOTE: TAGGED UP ON CEMENT @11,643, FLOAT COLLAR @11,743. SHOE @11,787). DV TOOL @ 4888' ECP @ 4981'
5 1/2" PRODUCTION: SET @ 21,608. TRIGGER TOE @ 21,523. LANDING COLLAR @ 21,565. FLOAT COLLAR @ 21,567. SHOE @ 21,608. MARKER JOINT @ 10,964. X-O @11,633. FRAC SLEEVES F/21,017 T/21,481 W/ ONE JOINT OF CASING BETWEEN EACH SLEEVE.

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 0 BBLs / 659 BBLs
OBM LOST BEHIND CASING: 47 BBLs
OBM LOST: XX BBLs TO FORMATION// TOTAL=0 BBLs
OBM LOST: 0 BBLs TO CUTTINGS // TOTAL= 430 BBLs
OBM LOST: 100 BBLs// TOTAL = 505 BBLs TO CLEANING PITS,DISCHARGE OVER SHAKERS, LOST ON DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
ADDITIONS 0 BBL// TOTAL 1012-BBLs
OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 17 BBLs RECOVERED TO DATE.
STARTING OBM VOLUME: 2574 BBLs TOTAL VOLUME: 1891 BBLs
TRANSFERRED OUT 475 BBLs
TRANSFERRED 200BBLs TO SCAN STAR

NOV BARITE RECOVERY UNIT DOWN 6/28/18 (15 HRS WAIT ON SERVICE TECH)

STARTING RIG FUEL: RIG = 2800 GALS TRANSFERED FROM UL-20 STRIPES 38-47# 603H , 0 GALS OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:
RIG FUEL (DAILY/TOTAL): 0 / 42,373 GALS
MUD DIESEL (DAILY/TOTAL): 0 / 17,645 GALS
AUXILIARY EQUIPMENT (DAILY/TOTAL): 0 / 3537 GALS
CERTARUS CNG (DAILY/ TOTAL) 0 MCF / 24,983 TOTAL MCF

ORIGINAL TARGET LINE -
TARGET CHANGE : 6/25/18 AT 13:30 BY AL @ V.S.=0, INC= 90.50°, TVD= 11795.85

BHA#14; BIT #10- 6.75" HALLIBURTON GTD64DM, S/N #13056369 W/-6-14'S =TFA 0.9020 // RSS TOOL 6.55 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.45" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6:4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.75" NM PONY // 4.71 PONY SUB// 4.74" VC X-OVER // 5.13" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.8" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,672.86' // BIT TO SURVEY 88' // BIT TO GAMMA 86.14' // DEPTH IN 18,573' // DEPTH OUT 21,615' // FTG. DRILLED 3354' // TOTAL DRLG HRS. 117.5 // TOTAL MTR HRS. 117.5 // AVG R.O.P. 28.5 FPH // REASON PULLED = TD // BIT GRADE=1-3-CT-A-1-NO-TD

BHA #13, FISH ASSY #2, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 4-7/8" BOTTOM GRAPPLE & 4 3/4" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #12, FISH ASSY #1, 6 3/8" X 5 1/4" DOUBLE BOWL SHORT CATCH OVERSHOT WITH 5" BOTTOM GRAPPLE & 4 7/8" TOP GRAPPLE BOTH W/PACKOFFS, 4 3/4" BUMPER SUB, 5.4" X-OVER 3 1/2IF X CET 43 TOTAL FISH ASSY LENGTH=11.97'

BHA #11 // BIT #9- 6.75" HALLIBURTON GTD64DM, S/N #13020928 W/-6-15'S =TFA 1.03544 // RSS TOOL 4.85 // 6.14" STABILIZER // 4.80" FILTER SUB // 4.76" DOUBLE PIN X-OVER // 5.16" FIXED STRAIGHT PHOENIX/NOV MUD MOTOR (6/7 LOBE 6.4 STAGE .80 REV GAL) WITH 5.82" STAB/KICK // 4.78" FLOAT SUB // 4.76" NM PONY // 4.75 PONY SUB// 4.74" VC X-OVER // 5.02" VELOCITY MWD (LANDING SUB, CENTALIZER, GAP SUB) // 4.6" NMDC // IF X CET 43 X-OVER // 339 JTS 4.5" DP // 30- JNTS HWDP = TOTAL BHA LGTH. = 11,666.70' // BIT TO SURVEY 83' // BIT TO GAMMA 80.28' // DEPTH IN 15,818' // DEPTH OUT 18,573' // FTG. DRILLED 2755' // TOTAL DRLG HRS. 106 // TOTAL MTR HRS. 118 // AVG R.O.P. 25.99 FPH // REASON PULLED = DTF // BIT GRADE=2-2-FC-S-I-NO-DTF

BHA #10 // BIT #8 -6.750" HALLIBURTON MMD64D SER# 12958844 W/6-16S TFA= 1.17 // 5" PHOENIX/NOV FBH MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG., .80 REV/GAL) // FLOAT SUB // 4.75" NMPC // MULE SHOE // 4.75" SLICK NONMAG // 4.75" NONMAG// 4.75" NMDC // X-OVER= 3 1/2" IF X CET43 // 105 JOINTS DP // X-OVER= CET 43 X XT 39 // SHOCK SUB // 5" NOV AGITATOR // X-OVER= XT39 X CET 43 // 234 JTS DP // 30 JNTS HWDP = TOT. LGTH. = 11,677.74 // BIT TO BEND 4.89' // BIT TO SURVEY 70' // BIT TO GAMMA 55.23' // DEPTH IN 12,665' // DEPTH OUT 15,818' // FTG. DRILLED 3153' // TOTAL DRLG HRS. 118.5 // TOTAL MTR HRS. 120 // AVG R.O.P. 26.61 FPH // REASON PULLED = BHA // BIT GRADE=1-2-CT-S-I-CT-BHA

BHA #9: RERUN BIT #7 6.75" / (NOTE: CHANGED JETS TO 12'S) HALIBURTON GTD64D S/N #12921370 W/-6-12'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #8: RERUN BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,657.41 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,659' DEPTH OUT 12,663 // FTG. DRILLED 4 // TOTAL DRLG HRS. .5 // TOTAL MTR HRS. 2.35 // AVG R.O.P.N/A FPH //REASON PULLED = / PP SPIKE/MWD FAILURE

BHA #7:BIT #7 6.75" / HALIBURTON GTD64D S/N #12921370 W/-6-15'S =TFA 1.03 // RSS, X/O, LANDING SUB, VELOCITY, GAP SUB, PONY COLLAR, STABILZER, RENTAL SCREEN SUB, X/O, PHX MUD MOTOR 513 24XH(6/7 LOBE 6.4 STAGE FXD SLICK SLEEVE, FLOAT SUB, // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,658.62 // BIT TO SURVEY 26.00' // BIT TO GAMMA 22.61' // DEPTH IN 12,583' DEPTH OUT 12,659 // FTG. DRILLED 114 // TOTAL DRLG HRS. 1.5 // TOTAL MTR HRS. 2.35 // AVG R.O.P. 50 FPH //REASON PULLED = MWD FAILURE

BHA #6:BIT #6 6.75" / HALIBURTON GTD63C S/N #12948625 W/-6-16'S =TFA 1.1781 // 5" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.75° (6/7 LOBE, 6.4 STG./ .80 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // NMDC // XO // 339+ JTS 4.5" DP // 30 JNTS HWDP = TOT. LGTH. = 11,642.99.BIT TO BEND 4.86 // BIT TO SURVEY 62" // BIT TO GAMMA 58.92' // DEPTH IN 11,820'. BIT GRADE 1-2-CT-S-I-WT-BHA

BHA #5:BIT #5 9.875" / ULTERRA CF613 S/N #40407 W/-6-16'S =TFA 1.1781 // MOTOR #3 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG./ .253 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // NMDC // XO // 36 JTS 5" DP S -135 // 30 JNTS HWDP = TOT. LGTH. = 2166.5'.BIT TO BEND 6.70 // BIT TO SURVEY 57" // BIT TO GAMMA 53.56' // DEPTH IN 10,631' // DEPTH OUT 11820 // FTG. DRILLED 1189 // TOTAL DRLG HRS. XX // TOTAL MTR HRS.46// AVG R.O.P. 25.8 FPH //REASON PULLED = CP // BIT GRADE=1-3-CT-N-X-I-CP

'BHA #4: BIT #4-9.875" BAKER GX38C TRI-CONE S/N #5285723 W/2-24'S & 1-22 =TFA 1.2548 // (RERUN MOTOR BHA #3) 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9345' // DEPTH OUT 10631' // FTG. DRILLED 1286' // TOTAL DRLG HRS. 58 1/2 // TOTAL MTR HRS. 58.5 (TOTAL MTR HRS RUN #3 & #4= 68.5) // AVG R.O.P. 22 FPH // REASON PULLED =PR// BIT GRADE=3-7-FC-H-E-1/8-CT-PR

BHA #3: BIT #3-9.875" ULTERAA CF716 S/N 36023 W/7-16'S =TFA 1.374 // 7.75" PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .166 REV/GAL)FLOAT SUB, // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1271.23' // BIT TO BEND 6.70 // BIT TO SURVEY 55" // BIT TO GAMMA 49.78' // DEPTH IN 9164' // DEPTH OUT 9345' // FTG. DRILLED 181' // TOTAL DRLG HRS. 10 // TOTAL MTR HRS. 11 // AVG R.O.P. 18.1 FPH // REASON PULLED =P-RATE // BIT GRADE= 6-2-RO-T-I-BT-PR

BHA #2: BIT #2-9.875" HALIBURTON 9 7/8 GT55DK W/ 5-16'S TFA= 0.9817 // 7.75" (NOTE:

RERUN BHA #1 MOTOR/MWD) PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 8739' // DEPTH OUT 9164' // FTG. DRILLED 425' // TOTAL DRLG HRS. 17.5 // TOTAL MTR HRS. 18.5 (COMBINED MTR HRS BHA 1 & 2 = 70.5 HRS) // AVG R.O.P. 24.3 FPH // REASON PULLED =PRESSURE SPIKE /BIT PLUGGED // BIT GRADE= 8-8-CR-A-1/16"-WT-PP

BHA #1: BIT #1-9.875" HALIBURTON 9 7/8 MM55DC W/ 7-16'S TFA= 1.37 // 7.75"
PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL)FLOAT SUB, NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 9-8" DC'S // XO // 30 JNTS HWDP = TOT. LGTH. = 1270.68' // BIT TO BEND 6.43 // BIT TO SURVEY 55' // BIT TO GAMMA 51.75' // DEPTH IN 5002' // DEPTH OUT 8739' // FTG. DRILLED 3737' // TOTAL DRLG HRS. 51 // TOTAL MTR HRS. 52 // AVG R.O.P. 73.3 FPH // REASON PULLED =ROP // BIT GRADE= 2-6-CT-N-X-RO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
----------	--------	--------	-----

Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
------	---------	-----------------------------	-------------------------------	--------------------------------

Mud Log

Formation :	<input type="text"/>	Connection Gas :	<input type="text"/>	Flare Length :	<input type="text"/>
Background Gas :	<input type="text"/>				
Trip Calc :	<input type="text"/>				

Well Incident

Report # :	<input type="text"/>	Incident Date :	<input type="text"/>	Report Date :	<input type="text"/>
Problem Name :	<input type="text"/>				