

Location Information

AREA

Permian

COST POOL

DB EEX CP

BUDGET AREA

EEX-Block 20

Well Name

UL 20 STRIPES 38-47 601H

Property Number

43STRIPES601

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 330' FSWL

4249533792

Financials

Daily Cost : \$64,254

Cost to Date : \$3,466,688

AFE # : PB18100002

AFE : \$10,772,650

AFE Cost to Date : \$3,466,688

Report Information

Report # : 38

Report Date : 4/17/2018

Operations

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

Event Sub Type : Drilling Prod

A.M. Ops : RUNNING 4.5 X 5.5 PRODUCTION CASING F/12.230' - T/20.250'. NO ISSUES RUNNING CASING

Ops Forecast : FINISH RUNNING 4.5 X 5.5 PRODUCTION CASING/ CIR 1.5X CASING CAP/ CEMENT CASING/ WOC 8 HRS/ ND BOP/ SET SLIPS

24hr. Summary : FINISH LDDP F/9000'-T/ BHA. R/UP & RUN 4.5" X 5.5" PROD CSG @ 12.230'.

Planning Status :

Elevations

GL 2773.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 32

Progress : 0.00 ft

MD at Report Time : 21638.00 ft

Rig on Location (days) : 38

Est. TD : 21599.00 ft

TVD At Report Time : 11628.24 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
3/16/2018	19:00			4/16/2018	06:00	4/16/2018	06:00		

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 520.50

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	09:00	9.00	CSGPRO	08I	TRIPPING - TRIPPING - OTHER	No	08	1	21638.00	CONTINUE LDDP F/9000' - T/ BHA #8, HOLE TAKING PROPER FILL UP WITH NO ISSUES WHILE LDDP. (NOTE; FOUND DP SCREENS IN X- OVER ON TOP OF THE AGITATOR 100% RECOVERED)
09:00	10:30	1.50	CSGPRO	08I	TRIPPING - TRIPPING - OTHER	No	08	1	21638.00	PULL OUT BHA #8, MOTOR DRAINED GOOD, BREAK OFF BIT #8 (GRADED; 1-1-NO-A1-NO- TD), L/ D MWD AND MONEL DC'S.
10:30	11:30	1.00	CSGPRO	39A	OTHER - OTHER	No			21638.00	PULL WEAR BUSHING WITH NO ISSUE, CLEAR AND CLEAN FLOOR OF 4 1/2" HANDLING TOOLS, PREP TO R/ U CSG CREW
11:30	12:00	0.50	CSGPRO	15A	RUN CASING - RU/RD EQUIPMENT	No			21638.00	RIG UP CASING CREW/ BUTCH' S CSG CREW AND SOUTHERN CONNECTION CRT/ TORQUE TURN, HOLD JSA WITH ALL PERSONNEL, OSFI THREAD REP' S TO MONITOR CSG MAKE UP, PREP TO MAKE UP SHOE TRACK & RUN 4 1/2" X 5 1/2 PROD CSG.
12:00	00:00	12.00	CSGPRO	15C	RUN CASING - OTHER	No			21638.00	HOLD SAFETY MEETING/ MAKE UP 4 1/2" 15. 1# CYP110 DQXHT KOPPEL S- R3 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" LANDING COLLAR, ONE JOINT 4 1/2" CASING, 4 1/2" GLOBE TRIGGER TOE SLEEVE. (PUMP THROUGH SHOE TRACK ALL GOOD) 33 JOINT 4 1/2 CASING, W/ 32 FRAC SLEEVES EVERY OTHER JT, CONTINUE RUNNING 4 1/2" DQXHT CASING FROM SURFACE - T/12,230' FILLING PIPE EVERY 50 JTS AND MONITORING DISP THROUGH THE TRIP TANK.

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
PHOENIX DIRECTIONAL DRILLERS	4- MAN CREW	4	24.00	96.00
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
NOV PROCESS & FLOW TECHNOLOGIES US, INC.	2- MAN CREW	2	24.00	48.00
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation: 2798.00 ft

KB To GL: 25.00 ft

Rig(s) for today : Scan Texas

Rig Manager : ROCKY BROUMLEY

Rig Phone : 432-400-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date : 4/2/2018

Last BOP Pressure : 8500.000 psi

Last Lot Fit : 14.50

Last Csg Date : 4/1/2018

Last Csg Pressure : 1500.000 psi

Last Spills Reported :

Last BOP Drill Date : 4/5/2018

Last Test MW : 12.90

Last Accidents :

Last Fire Drill :

Last Test TVD : 11717.00 ft

Last Safety Meeting : 4/17/2018 18:00

Last Evac Drill :

Last Test Pressure : 977.000 psi

Last Safety Meeting Topic : WORKING W/ THIRD PARTY/ RUNN

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 601H

Property Number

43STRIPES601

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 330' FSWL

4249533792

Report Information

Report # :

38

Report Date :

4/17/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

KEVIN CARTWRIGHT

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	20:00	21638.	12.70000	61.00	14	21.00	0.0	24337	490.0	75	5	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)
08	1	6.750	HALIBURTON	GTD63		0.00	0.00	0.00	2518.00	81.00	31.09	21638.00	21638.00	22.000	162.578	119.64	23.45

BHA Data

For Bit # :

08

Mud Motor : Total Made :

0

ft

Total BHA Hours :

542.5

Total Hours :

0.00

BHA # :

08

DC OD :

0.000

in

DP OD :

0.000

in

BHA Length :

11564.88

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	6.750	0.000	0.000	0.000	3 1/2 REG	Pin
MUD MOTOR	1	25.65	4.750	0.000	0.000	0.000	3 1/2 IF	Box
FLOAT SUB	1	2.46	4.870	2.460	0.000	0.000	3 1/2 IF	Box
NON- MAG COLLAR	1	14.20	4.740	2.740	0.000	0.000	3 1/2 IF	Box
SUBS	1	3.77	4.800	2.670	0.000	0.000	3 1/2 IF	Box
SUBS	1	8.34	5.200	0.000	0.000	0.000	3 1/2	Box
SUBS	1	3.33	5.240	0.000	0.000	0.000	3 1/2	Box
SUBS	1	1.64	5.150	0.000	0.000	0.000	3 1/2	Box
NON- MAG COLLAR	1	29.20	4.630	2.710	0.000	0.000	3 1/2	Box
CROSSOVER SUB	1	4.03	5.450	2.670	0.000	0.000	3 1/2 IF	Box
DRILLPIPE	90	2827.38	4.750	0.000	0.000	0.000	CET 43	Box
CROSSOVER SUB	1	2.95	5.390	0.000	0.000	0.000	CET 43 X XT39	Box
AGITATOR	1	12.41	5.000	0.000	0.000	0.000	XT-39	Box
CROSSOVER SUB	1	2.00	5.400	0.000	0.000	0.000	XT39 X CET 43	Box
DRILLPIPE	246	7714.33	4.450	2.670	0.000	0.000	CET- 43P1 - S135	Box
HMDP	30	912.19	5.010	2.750	0.000	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)
08	1	0.00	22.000	197	40	247	15.00	5000.00	240	140	185	3900.0	3250.0	650.0

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 1600	12.000	5.000	85	247.122	BOMCO 1600	12.000	5.000	0	0.000	3900.00	0	0

Reduced Speed Pumps

Depth(ft)	Pump 1			Pump 2		
	Model	Pressure (psi)	SPM	Model	Pressure (psi)	SPM
0.00	BOMCO 1600	1330.0	30	BOMCO 1600	1275.0	30
0.00	BOMCO 1600	1480.0	40	BOMCO 1600	1475.0	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 & 330' FSWL	4249533792
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 601H		
Property Number	43STRIPES601		
Prospect			
Report Information		Operations	
Report # :	38	Report Date :	4/17/2018
		Event Objective :	Scan Texas D&C DB DEV WC A
		Event Sub Type :	Drilling Prod

Drill Bottom Hole Targets	
Bottom Hole Location	API / License #
Sec 47, Blk 20, 200' FSEL & 330' FSWL	4249533792

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 38-47-601H RIG MOBILIZATION BEGAN: 3/11/18 @ 13:00HRS. RIG ON DAYRATE @ 04:30 HRS, 03/16/2018 SPUD WELL @ 1900 HRS, 03-16-18 (108 HR. RIG MOVE) RELEASED RIG OFF OF PEGASUS 23-35-16#251H ON 03/11/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD/SURFACE: 03/15/17,10 AM, MICHELLE, JOB #123292 NOTIFIED TRRC: INTERMENT-03/22/18, 6:00AM, NAOMI, JOB # 123292 NOTIFIED TRRC: 2ND INTERMEDIATE: 03-31-18, 8:00AM, AUDREY OP 2, JOB#123292 NOTIFIED TRRC: PRODUCTION: 04/16/17 09:45 BECKY, JOB #123292</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 749 (31.29 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 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.</p> <p>DAYS SINCE LAST LTA: (1278 DAYS): LAST OSHA RECORDABLE INCIDENT: (515)</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): 0 HRS. / 11.5 HRS. RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 1.5 HRS 1.5 HRS CODE 8 ON 3/17/18 STRIPES 601H</p> <p>20" CONDUCTOR SET @ 146' 13 3/8" SURFACE: SET @ 437' W/FC @ 394' CIRC 31 BBLs CMT 10 3/4" 1 INTERMEDIATE: SET @ 4965' NO CMT TO SUF 7 5/8" 2 INTERMEDIATE SET @ 11,895' (5BBLs CEMENT TO SURFACE) F/C @ 11849' W/ BAFFLE., CONTINGENCY BAFFLE @ 4937', DV/ECP @ 4825' 5 1/2" PRODUCTION: SET @</p>
Down :	0	
Rotating :	0	
Torque :	0 Amps	
Torque :	0.00 ft lbf	

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 44 BBLs / 991 BBLs
 OBM LOST BEHIND CASING: 0 BBLs
 OBM LOST: 0 BBLs TO FORMATION
 OBM LOST: 0 BBLs TO CUTTINGS
 OBM LOST: 32 BBLs TO CLEANING PITS, DISCHARGE OVER SHAKERS, LOST ON
 DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS- 0 BBL
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLs RECOVERED TO DATE.
 STARTING OBM VOLUME: 2027 BBLs TOTAL VOLUME: 2291 BBLs
 TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 1754 GALS TRANSFERED FROM PEGUSAS 23-35-16 #251 0 GALS
 OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:

RIG FUEL (DAILY/TOTAL): 414/ 27660 GALS
 MUD DIESEL (DAILY/TOTAL): 0/ 28253 GALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): 83/ 2053 GALS
 CERTARUS CNG (DAILY/ TOTAL) 651.93 MCF / 29,836.93 TOTAL MCF

ORIGINAL TARGET LINE - @ 11,755' TVD 90° 163.73° AZM
 PLAN 2 CHANGED 03-27-18 @ 11,810' TVD 90° 163.73° AZM
 PLAN 3 CHANGED 03-27-18 @ 11,840' TVD 90 DEGREES
 PLAN #4 CHANGED 04/04/18 @ VS=0', inclination= 91.00 degrees, at TVD = 11,869.1'
 PLAN #5 CHANGED 04/08/18 @ VS=0', INCLINATION=92° @ 11,942.5' TVD
 PLAN #6 CHANGED 04/14/18 @ VS=0' @ 11,718' TVD @ 90.5°

NO LEAKS OR SPILLS REPORTED OR OBSERVED

BHA #8: = BIT #8 -6.75" HALLIBURTON GTC63C SER# 12951220 W/ 6-12' S TFA= .6627 // 5'
 (MAX OD 5.36") PHOENIX/NOV FIXED MUD MOTOR SET @ 1.83° (6/7 LOBE, 6.4 STG., .80
 REV/GAL) // FLOAT SUB // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
 CENTRALIZER SUB, GAP SUB) // NMDC // X-OVER 3 1/2 IF X CET 43 // 90 JOINTS CET 43 DP //
 X-OVER CET 43 X XT39 // AMEGA WEST 5" AGITATOR // X-OVER XT39 X CET 43 // 246 JOINTS
 CET-43 DP // 30 JOINTS CET-43 HWDP = TOT. LGTH. = 11564.88 // BIT TO BEND 5.83' // BIT TO
 SURVEY 53' // BIT TO GAMMA 49.98' // DEPTH IN 19,129' // DEPTH OUT 21,638' // FTG. DRILLED
 2518' // TOTAL DRLG HRS. 81 // TOTAL MTR HRS. 88 // AVG R.O.P. 30 FPH // REASON
 PULLED = TD // BIT GRADE= 1-1-NO-A-I-NO-TD

BHA #7: BIT #7 -6.75" GTC63C SER# 129837714 W/ 6-12' S TFA= .566 // 4.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.83° (6/7 LOBE, 6.4 STG., .80 REV/GAL) FLOAT
 SUB // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
 4.75" NMDC PONY // X-OVER 3 1/2 IF X CET 43 / 90 JOINTS OF CET 43 DP / X-OVER CET 43 X
 XT39 // AGITATOR // X-OVER XT39 X CET 43 = TOT. LGTH. = 2936.18 // BIT TO BEND 4.83' // BIT
 TO SURVEY 53' // BIT TO GAMMA 50.19' // DEPTH IN 11,900' // DEPTH OUT 19,129' // FTG.
 DRILLED 7229' // TOTAL DRLG HRS. 199 // TOTAL MTR HRS. 208.5 // AVG R.O.P. 36.3 FPH //
 REASON PULLED = HOURS // BIT GRADE= 4-2-FC-N-I-BT-HR

BHA #6 BIT #6 -9.875" CF613 SER# 35567 W/ 5-16S 1-18'S TFA= 1.2303 // 7.75" PHOENIX/NOV
 ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG., .253 REV/GAL) NMPC // XO //
 VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY //
 XO / 30 JOINTS OF DP / 27 JNTS HWDP = TOT. LGTH. = 1856.24' // BIT TO BEND 6.41' // BIT TO
 SURVEY 52' // BIT TO GAMMA 48.96' // DEPTH IN 11,121' // DEPTH OUT 11,900' // FTG. DRILLED
 779' // TOTAL DRLG HRS. 23.5 // TOTAL MTR HRS. 28 // AVG R.O.P. 33.1 FPH // REASON
 PULLED = CASING POINT, BIT GRADE= 2-4-CT-S-I-BT-TD

RE-RUN BHA #5: BIT #5-9.875" CF613 SER# 34734 W/ 5-16'S & 1-18 TFA= 1.2305 // 7.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) NMPC //
 XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC
 PONY // 11.25 OD IBS // 9-8" DC'S // XO // 27 JNTS HWDP = TOT. LGTH. = 1179.01' // BIT TO
 BEND 6.43' // BIT TO SURVEY 50' // BIT TO GAMMA 46' // DEPTH IN 10,213' // DEPTH OUT
 11,121' // FTG. DRILLED 908' // TOTAL DRLG HRS. 29.5 // TOTAL MTR HRS. 31.5 // AVG R.O.P.
 30.8 FPH // REASON PULLED = KOP/BHA // BIT GRADE= 1-2-CT-S-I-CT-BHA

BHA #5: BIT #4-9.875" CF717 SER# 36022 W/ 7-16'S TFA= 1.3744 // 7.75" PHOENIX/NOV ADJ.,
 MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) NMPC // XO // VELOCITY= (XO
 SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 11.25 OD IBS // 9-8"
 DC'S // XO // 27 JNTS HWDP = TOT. LGTH. = 1179.01' // BIT TO BEND 6.43' // BIT TO SURVEY
 50' // BIT TO GAMMA 46' // DEPTH IN 8563' // DEPTH OUT 10213' // FTG. DRILLED 1650' //
 TOTAL DRLG HRS. 45 // TOTAL MTR HRS. 50 // AVG R.O.P. 36.3 FPH // REASON PULLED =
 LOW ROP, BIT GRADE= 8-4-BT-A-I-CT-FR

BHA #4: BIT #3-9.875" SMITH XZ616 SER# JN7079 W/ 6-16'S TFA= 1.767 // 7.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) NMPC //
 XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC
 PONY // 11.25 OD IBS // 9-8" DC'S // XO // 27 JNTS HWDP = TOT. LGTH. = 1178.28' // BIT TO
 BEND 6.43' // BIT TO SURVEY 50' // BIT TO GAMMA 46' // DEPTH IN 4970' // DEPTH OUT 8563' //
 FTG. DRILLED 3583' // TOTAL DRLG HRS. 36.5 // TOTAL MTR HRS. 39.5 // AVG R.O.P. 98.4

FPH // REASON PULLED = LOW PR// BIT GRADE= 8-2-QR-N-1-CT-PR

BHA #3: BIT #2-12.250" SMITH XS716S SER# ED1338 W/ 2-14'S & 5 X 15'S TFA= 1.163 // 8" PHOENIX/NOV ADJ. W/17" NB STAB. MUD MOTOR SET @ 1.83° (7/8 LOBE, 4 STG., .166 REV/GAL) // 11.25 OD IBS // 8" NMPC // XO // VELOCITY= (LANDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 11.25 OD IBS // 9-8" DC'S // XO // = TOT. LGTH. = 370.23' // BIT TO BEND 6.43' // BIT TO SURVEY 57' // BIT TO GAMMA 52.81' // DEPTH IN 445' // DEPTH OUT 4970' // FTG. DRILLED 4525' // TOTAL DRLG HRS. 62 // TOTAL MTR HRS. 68 // AVG R.O.P. 72.2 FPH // REASON PULLED = TD CASING POINT ? // BIT GRADE= 1-5-BT-S-1-BT-TD

BHA #2: RE-RUN BIT #1-17.5" ULTERRA CF616 SER# 39306 W/ 9-13'S TFA=1.166 // 8" BIT SUB // 8" SHOCK SUB // 8" NMPC // XO // VELOCITY= (LANDING SUB, CENTRALIZER SUB, GAP SUB) 8" NMDC PONY // 6-8" DC'S // XO // = TOT. LGTH. = 253.16' // BIT TO SURVEY 48' // BIT TO GAMMA 31' // DEPTH IN 300' // DEPTH OUT 445' // FTG. DRILLED 145' // TOTAL DRLG HRS. 3.5 // TOTAL MTR HRS. N/A // AVG R.O.P. 41.4 FPH // REASON PULLED = TD // BIT GRADE=1-2-NO-G-I-NO-TD

BHA #1: 17.5" ULTERRA CF616 SER# 39306 W/ 9-13'S TFA=1.166 // 8" PHOENIX/NOV ADJ. W/17" NB STAB. MUD MOTOR SET @ 1.83° (7/8 LOBE, 4 STG., .166 REV/GAL) // 8" SHOCK SUB // 8" NMPC // XO // VELOCITY= (LANDING SUB, CENTRALIZER SUB, GAP SUB) 8" NMDC PONY // 6-8" DC'S // XO // = TOT. LGTH. = 278.09' // BIT TO BEND 6.43' // BIT TO SURVEY 76' // BIT TO GAMMA 59' // DEPTH IN 146' // DEPTH OUT 300' // FTG. DRILLED 154' // TOTAL DRLG HRS. 15.5 // TOTAL MTR HRS. 18 // AVG R.O.P. 9.94 FPH // REASON PULLED = P-RATE // BIT GRADE = 1-2-NO-G-I-NO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
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Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
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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 601H

Property Number

43STRIPES601

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 330' FSWL

4249533792

Financials

Daily Cost :

\$778,319

Cost to Date :

\$4,251,007

AFE # :

PB18100002

AFE :

\$10,772,650

AFE Cost to Date :

\$4,251,007

Report Information

Report # :

39

Report Date :

4/18/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

A.M. Ops :

WOC TILL 2:30AM/ WELL STATIC, RIG UP MONAHANS STACK WINCHES/ BREAK BOLTS ON STACK/ PREPARE TO LIFT STACK TO SET SLIPS

Ops Forecast :

FINISH ND BOP/ SET SLIPS 140K, INSTALL WELL CAP /FINISH CLEANING PITS, RELEASE RIG AND MOVE TO THE UL 20 STRIIPES 38-47 603H

24hr. Summary :

FINISH RUNNING 4.5 X 5.5 PRODUCTION CASING/ CIR 1.5X CASING CAP/ CEMENT CASING/ WOC 8 HRS.

Planning Status :

Elevations

GL

2773.00

ft

Reserve Pit Freeboard :

0.00

ft

Progress

Days from Spud :

33

Progress :

0.00

ft

MD at Report Time :

21638.00

ft

Rig on Location (days) :

39

Est. TD :

21599.00

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
3/16/2018	19:00			4/16/2018	06:00	4/16/2018	06:00		

Time Breakdown

Start Time :

00:00

Initial Depth :

0.00

ft

Drilling Hours :

0.00

Total Drilling Hours :

520.50

Total Hours :

24.00

Time Code :

CEMENTIN

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	07:30	7.50	CSGPRO	15C	RUN CASING - OTHER	No			21638.00	RAN AND LANDED 250 JOINTS 4. 5" 15. 1# CYP110 DQXHT S- R3 KOPPEL 32 FRAC SLEEVES , X- O, 264 JOINTS 5. 5 CASING SET @ 21, 609' MD, WITH FLOAT COLLAR @ 21566' MD, GLOBE TOE SLEEVE @ 21, 523' MD AND MARKER JOINT 11120' MD TOP & 11143' MD BTM. HAD NO ISSUES RUNNING CASING TO BOTTOM, RD CSG CREW & TORQUE TURN.
07:30	08:00	0.50	CSGPRO	15A	RUN CASING - RU/RD EQUIPMENT	No			21638.00	RIG DOWN CASING CREW.
08:00	15:00	7.00	CSGPRO	07J	C & C MUD - C&C MUD - OTHER	No			21638.00	CIRCULATE THROUGH CRT, FILL PIPE AND CIRCULATE 1. 5X CASING VOLUME @ 175GPM @ 1700 PSI, CIRCULATE WHILE WAITING ON O- TEX CEMENTER TO ARRIVE ON LOCATION (12: 15 PM),
15:00	16:00	1.00	CSGPRO	15A	RUN CASING - RU/RD EQUIPMENT	No			21638.00	RIG DOWN CRT, RIG UP , O- TEX, MIX GEL SPACER
16:00	19:00	3.00	CSGPRO	16A	CEMENTING - RU/RD EQUIPMENT	No			21638.00	HELD JSA W/ O- TEX CEMENTERS AND ALL PERSONEL, PRESSURE TEST LINES TO 5000 PSI (OK) PREFORM CEMENT JOB AS FOLLOWS: 40 BBLS 13. 5PPG WS11249# BARITE + 40# CITRIC ACID + 360# C- 65 + 60 PLEXAID 803+ 60 GAL PLEXAID 830 + 40# C- 40P / TAIL 1435 SX (307 BBLS) 50/ 50 H 14. 5# , YEILD 1. 20 W / 5. 26 WATER GAL / SK , 2 % GEL + 0. 5 % FL- 17, MIX @ 5. 5- 7 BPM @ 1275- 1528 PSI, SHUT DOWN, WASH PUMPS AND LINES DROP 0/ 5. 00 DDRT LANDING DART , DISPLACE DART W/ 20BBBLS SUGAR WATER AND 367 BBLS 11# PPGACL2 WATER @ 6- 3. 5 BPM 4047 - 3730 PSI, BUMPED PLUG @ 18: 30 PM W/ 3748 PSI WENT TO 4248 PSI, RELEASE PRESSURE, FLOATS HELD, BLED BACK 3 1/ 2 BBL , LEFT 208 BBLS OIL BASE BEHIND CASING. ESTIMATED TOP OF CEMENT 8552'.
19:00	20:00	1.00	CSGPRO	16A	CEMENTING - RU/RD EQUIPMENT	No			21638.00	RIG DOWN O- TEX/ LOAD OUT THE SAME.
20:00	00:00	4.00	CSGPRO	16C	CEMENTING - WOC(NORMAL)	No			21638.00	WOC (CLEANING PITS AND PREPARING TO NIPPLE DOWN WHILE WOC)

Personnel Hours

Vendor	Vendor Type	Number Of People		Hours On Site	Total Hours
NEWLAND CONSULTING LLC	CONSULTANT	1		24.00	24.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1		24.00	24.00
SCANDRILL INC	RIG CREWS	12		24.00	288.00
SCANDRILL INC	TOOLPUSHER	1		24.00	24.00
PHOENIX DIRECTIONAL DRILLERS	4- MAN CREW	4		24.00	96.00
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1		24.00	24.00
NOV PROCESS & FLOW TECHNOLOGIES US, INC.	2- MAN CREW	2		24.00	48.00
CRESCENT CONSULTING LLC	CONSULTANT	1		24.00	24.00

Rig Information

KB Elevation:	2798.00	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 :	432-400-2272
				Rig Fax :	

Safety						
Last BOP Test(F) Date :	4/2/2018	Last BOP Pressure :	8500.000	psi	Last Lot Fit :	14.50
Last Csg Date :	4/1/2018	Last Csg Pressure :	1500.000	psi	Last Spills Reported :	
Last BOP Drill Date :	4/5/2018	Last Test MW :	12.90		Last Accidents :	
Last Fire Drill :		Last Test TVD :	11717.00	ft	Last Safety Meeting :	4/18/2018 18:00
Last Evac Drill :		Last Test Pressure :	977.000	psi	Last Safety Meeting Topic :	PJSM W/OTEX / HIGH PRESSUE LIN

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 601H

Property Number

43STRIPES601

Prospect

Bottom Hole Targets

UWM

API / License #

Sec 47, Blk 20, 200' FSEL & 330' FSWL

4249533792

Report Information

Report # :

39

Report Date :

4/18/2018

Operations

Event Objective :

Scan Texas D&C DB DEV WC A

Event Sub Type :

Drilling Prod

Mud Data

Mud Engineer :

KELVIN CARTWRIGHT

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	20:00	21638.	12.70000	61.00	14	21.00	0.0	24337	490.0	75	25	5.0

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)
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BHA Data

For Bit # :

Mud Motor : Total Made :

0

ft

Total BHA Hours :

549.5

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
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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 1600	1330.0	30	BOMCO 1600	1275.0	30
0.00	BOMCO 1600	1480.0	40	BOMCO 1600	1475.0	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 & 330' FSWL	4249533792
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 601H		
Property Number	43STRIPES601		
Prospect			
Report Information		Operations	
Report # :	39	Report Date :	4/18/2018
		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 38-47-601H RIG MOBILIZATION BEGAN: 3/11/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 04:30 HRS, 03/16/2018</p> <p>SPUD WELL @ 1900 HRS, 03-16-18</p> <p>(108 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF PEGASUS 23-35-16#251H ON 03/11/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD/SURFACE: 03/15/17,10 AM, MICHELLE, JOB #123292</p> <p>NOTIFIED TRRC: INTERMENT-03/22/18, 6:00AM, NAOMI, JOB # 123292</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: 03-31-18, 8:00AM, AUDREY OP 2, JOB#123292</p> <p>NOTIFIED TRRC: PRODUCTION: 04/16/17 09:45 BECKY, JOB #123292</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 773 (32.29 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 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.</p> <p>DAYS SINCE LAST LTA: (1279 DAYS): LAST OSHA RECORDABLE INCIDENT: (516)</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): 0 HRS. / 11.5 HRS.</p> <p>RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 1.5 HRS</p> <p>1.5 HRS CODE 8 ON 3/17/18 STRIPES 601H</p> <p>20" CONDUCTOR SET @ 146'</p> <p>13 3/8" SURFACE: SET @ 437' W/FC @ 394' CIRC 31 BBLs CMT</p> <p>10 3/4" 1 INTERMEDIATE: SET @ 4965' NO CMT TO SUF</p> <p>7 5/8" 2 INTERMEDIATE SET @ 11,895' (5BBLs CEMENT TO SURFACE) F/C @ 11849' W/ BAFFLE., CONTINGENCY BAFFLE @ 4937', DV/ECP @ 4825'</p> <p>5 1/2" PRODUCTION: SET @ 21,613' EST TOC @ 10,070'</p>
Down : 0	
Rotating : 0	
Torque : 0 Amps	
Torque : 0.00 ft lbf	

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 0 BBLs / 991 BBLs
 OBM LOST BEHIND CASING: 0 BBLs
 OBM LOST: 0 BBLs TO FORMATION
 OBM LOST: 0 BBLs TO CUTTINGS
 OBM LOST: 32 BBLs TO CLEANING PITS, DISCHARGE OVER SHAKERS, LOST ON
 DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS- 0 BBL
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLs RECOVERED TO DATE.
 STARTING OBM VOLUME: 2027 BBLs TOTAL VOLUME: 2291 BBLs
 TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 1754 GALS TRANSFERED FROM PEGUSAS 23-35-16 #251 0 GALS
 OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:

RIG FUEL (DAILY/TOTAL): 594/ 28254 GALS
 MUD DIESEL (DAILY/TOTAL): 0/ 28253 GALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): 169/ 2222 GALS
 CERTARUS CNG (DAILY/ TOTAL) 651.93 MCF / 29,836.93 TOTAL MCF

ORIGINAL TARGET LINE - @ 11,755' TVD 90° 163.73° AZM
 PLAN 2 CHANGED 03-27-18 @ 11,810' TVD 90° 163.73° AZM
 PLAN 3 CHANGED 03-27-18 @ 11,840' TVD 90 DEGREES
 PLAN #4 CHANGED 04/04/18 @ VS=0', inclination= 91.00 degrees, at TVD = 11,869.1'
 PLAN #5 CHANGED 04/08/18 @ VS=0', INCLINATION=92° @ 11,942.5' TVD
 PLAN #6 CHANGED 04/14/18 @ VS=0' @ 11,718' TVD @ 90.5°

NO LEAKS OR SPILLS REPORTED OR OBSERVED

BHA #8: = BIT #8 -6.75" HALLIBURTON GTC63C SER# 12951220 W/ 6-12' S TFA= .6627 // 5'
 (MAX OD 5.36") PHOENIX/NOV FIXED MUD MOTOR SET @ 1.83° (6/7 LOBE, 6.4 STG., .80
 REV/GAL) // FLOAT SUB // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
 CENTRALIZER SUB, GAP SUB) // NMDC // X-OVER 3 1/2 IF X CET 43 // 90 JOINTS CET 43 DP //
 X-OVER CET 43 X XT39 // AMEGA WEST 5" AGITATOR // X-OVER XT39 X CET 43 // 246 JOINTS
 CET-43 DP // 30 JOINTS CET-43 HWDP = TOT. LGTH. = 11564.88 // BIT TO BEND 5.83' // BIT TO
 SURVEY 53' // BIT TO GAMMA 49.98' // DEPTH IN 19,129' // DEPTH OUT 21,638' // FTG. DRILLED
 2518' // TOTAL DRLG HRS. 81 // TOTAL MTR HRS. 88 // AVG R.O.P. 30 FPH // REASON
 PULLED = TD // BIT GRADE= 1-1-NO-A-I-NO-TD

BHA #7: BIT #7 -6.75" GTC63C SER# 129837714 W/ 6-12' S TFA= .566 // 4.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.83° (6/7 LOBE, 6.4 STG., .80 REV/GAL) FLOAT
 SUB // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
 4.75" NMDC PONY // X-OVER 3 1/2 IF X CET 43 / 90 JOINTS OF CET 43 DP / X-OVER CET 43 X
 XT39 // AGITATOR // X-OVER XT39 X CET 43 = TOT. LGTH. = 2936.18 // BIT TO BEND 4.83' // BIT
 TO SURVEY 53' // BIT TO GAMMA 50.19' // DEPTH IN 11,900' // DEPTH OUT 19,129' // FTG.
 DRILLED 7229' // TOTAL DRLG HRS. 199 // TOTAL MTR HRS. 208.5 // AVG R.O.P. 36.3 FPH //
 REASON PULLED = HOURS // BIT GRADE= 4-2-FC-N-I-BT-HR

BHA #6 BIT #6 -9.875" CF613 SER# 35567 W/ 5-16S 1-18'S TFA= 1.2303 // 7.75" PHOENIX/NOV
 ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG., .253 REV/GAL) NMPC // XO //
 VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY //
 XO / 30 JOINTS OF DP / 27 JNTS HWDP = TOT. LGTH. = 1856.24' // BIT TO BEND 6.41' // BIT TO
 SURVEY 52' // BIT TO GAMMA 48.96' // DEPTH IN 11,121' // DEPTH OUT 11,900' // FTG. DRILLED
 779' // TOTAL DRLG HRS. 23.5 // TOTAL MTR HRS. 28 // AVG R.O.P. 33.1 FPH // REASON
 PULLED = CASING POINT, BIT GRADE= 2-4-CT-S-I-BT-TD

RE-RUN BHA #5: BIT #5-9.875" CF613 SER# 34734 W/ 5-16'S & 1-18 TFA= 1.2305 // 7.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) NMPC //
 XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC
 PONY // 11.25 OD IBS // 9-8" DC'S // XO // 27 JNTS HWDP = TOT. LGTH. = 1179.01' // BIT TO
 BEND 6.43' // BIT TO SURVEY 50' // BIT TO GAMMA 46' // DEPTH IN 10,213' // DEPTH OUT
 11,121' // FTG. DRILLED 908' // TOTAL DRLG HRS. 29.5 // TOTAL MTR HRS. 31.5 // AVG R.O.P.
 30.8 FPH // REASON PULLED = KOP/BHA // BIT GRADE= 1-2-CT-S-I-CT-BHA

BHA #5: BIT #4-9.875" CF717 SER# 36022 W/ 7-16'S TFA= 1.3744 // 7.75" PHOENIX/NOV ADJ.,
 MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) NMPC // XO // VELOCITY= (XO
 SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 11.25 OD IBS // 9-8"
 DC'S // XO // 27 JNTS HWDP = TOT. LGTH. = 1179.01' // BIT TO BEND 6.43' // BIT TO SURVEY
 50' // BIT TO GAMMA 46' // DEPTH IN 8563' // DEPTH OUT 10213' // FTG. DRILLED 1650' //
 TOTAL DRLG HRS. 45 // TOTAL MTR HRS. 50 // AVG R.O.P. 36.3 FPH // REASON PULLED =
 LOW ROP, BIT GRADE= 8-4-BT-A-I-CT-FR

BHA #4: BIT #3-9.875" SMITH XZ616 SER# JN7079 W/ 6-16'S TFA= 1.767 // 7.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) NMPC //
 XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC
 PONY // 11.25 OD IBS // 9-8" DC'S // XO // 27 JNTS HWDP = TOT. LGTH. = 1178.28' // BIT TO
 BEND 6.43' // BIT TO SURVEY 50' // BIT TO GAMMA 46' // DEPTH IN 4970' // DEPTH OUT 8563' //
 FTG. DRILLED 3583' // TOTAL DRLG HRS. 36.5 // TOTAL MTR HRS. 39.5 // AVG R.O.P. 98.4

FPH // REASON PULLED = LOW PR// BIT GRADE= 8-2-QR-N-1-CT-PR

BHA #3: BIT #2-12.250" SMITH XS716S SER# ED1338 W/ 2-14'S & 5 X 15'S TFA= 1.163 // 8" PHOENIX/NOV ADJ. W/17" NB STAB. MUD MOTOR SET @ 1.83° (7/8 LOBE, 4 STG., .166 REV/GAL) // 11.25 OD IBS // 8" NMPC // XO // VELOCITY= (LANDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 11.25 OD IBS // 9-8" DC'S // XO // = TOT. LGTH. = 370.23' // BIT TO BEND 6.43' // BIT TO SURVEY 57' // BIT TO GAMMA 52.81' // DEPTH IN 445' // DEPTH OUT 4970' // FTG. DRILLED 4525' // TOTAL DRLG HRS. 62 // TOTAL MTR HRS. 68 // AVG R.O.P. 72.2 FPH // REASON PULLED = TD CASING POINT ? // BIT GRADE= 1-5-BT-S-1-BT-TD

BHA #2: RE-RUN BIT #1-17.5" ULTERRA CF616 SER# 39306 W/ 9-13'S TFA=1.166 // 8" BIT SUB // 8" SHOCK SUB // 8" NMPC // XO // VELOCITY= (LANDING SUB, CENTRALIZER SUB, GAP SUB) 8" NMDC PONY // 6-8" DC'S // XO // = TOT. LGTH. = 253.16' // BIT TO SURVEY 48' // BIT TO GAMMA 31' // DEPTH IN 300' // DEPTH OUT 445' // FTG. DRILLED 145' // TOTAL DRLG HRS. 3.5 // TOTAL MTR HRS. N/A // AVG R.O.P. 41.4 FPH // REASON PULLED = TD // BIT GRADE=1-2-NO-G-I-NO-TD

BHA #1: 17.5" ULTERRA CF616 SER# 39306 W/ 9-13'S TFA=1.166 // 8" PHOENIX/NOV ADJ. W/17" NB STAB. MUD MOTOR SET @ 1.83° (7/8 LOBE, 4 STG., .166 REV/GAL) // 8" SHOCK SUB // 8" NMPC // XO // VELOCITY= (LANDING SUB, CENTRALIZER SUB, GAP SUB) 8" NMDC PONY // 6-8" DC'S // XO // = TOT. LGTH. = 278.09' // BIT TO BEND 6.43' // BIT TO SURVEY 76' // BIT TO GAMMA 59' // DEPTH IN 146' // DEPTH OUT 300' // FTG. DRILLED 154' // TOTAL DRLG HRS. 15.5 // TOTAL MTR HRS. 18 // AVG R.O.P. 9.94 FPH // REASON PULLED = P-RATE // BIT GRADE = 1-2-NO-G-I-NO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
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Other Solids Removal Equipment

Item	Hrs Run	Intake Density (lbs/gal)	Overflow Density (lbs/gal)	Underflow Density (lbs/gal)
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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 601H

Property Number

43STRIPES601

Prospect

Bottom Hole Targets

UWI

API / License #

Sec 47, Blk 20, 200' FSEL & 330' FSWL

4249533792

Financials

Daily Cost : \$71,006

Cost to Date : \$4,319,713

AFE # : PB18100002

AFE : \$10,772,650

AFE Cost to Date : \$4,319,713

Report Information

Report # : 40

Report Date : 4/19/2018

Operations

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

Event Sub Type : Drilling Prod

A.M. Ops :

Ops Forecast :

24hr. Summary : WOC. ND BOP. SET SLIPS/CUTOFF CSG. INSTALL NIGHT CAP. RELEASE RIG. PREP RIG TO MIRU ON (UL 20 STRIPES 38-47 603H

Planning Status :

Elevations

GL 2773.00 ft

Reserve Pit Freeboard : 0.00 ft

Progress

Days from Spud : 34

Progress : 0.00 ft

MD at Report Time : 21638.00 ft

Rig on Location (days) : 40

Est. TD : 21599.00 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
3/16/2018	19:00			4/16/2018	06:00	4/16/2018	06:00	4/19/2018	12:00

Time Breakdown

Start Time : 00:00

Initial Depth : 0.00 ft

Drilling Hours : 0.00

Total Drilling Hours : 520.50

Total Hours : 12.00

Time Code :

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	CSGPRO	16C	CEMENTING - WOC(NORMAL)	No			21638.00	WOC (CLEANING PITS AND PREPARING TO NIPPLE DOWN WHILE WOC)
02:30	11:00	8.50	CSGPRO	21A	NU / ND BOPE - NU/ ND BOPE	No			21638.00	HOLD JSA WITH MONAHANS NU CREW, FINISH UNBOLTING BOP, FLOWLINE, AUX VALVES & LINES, LIFT BOP, SET SLIPS WITH 145K SET ON SLIPS, ROUGH CUT 5 1/2" CASING, SET BOP STACK DOWN, FINISH BREAKING DOWN BOP, SET OUT ROTATING HEAD, ORBIT VALVE, LOWER BOP ONTO DOLLY, BOOM DOWN & DOLLY BACK
11:00	12:00	1.00	CSGPRO	37A	WELLHEAD - WELLHEAD INSTALL	No			21638.00	DRESS OFF 5 1/2" CSG STUMP, INSTALL SWECO 13 5/8" 10K NIGHT CAP. RELEASE RIG @ 12: 00 NOON FINAL REPORT

Personnel Hours

Vendor	Vendor Type	Number Of People	Hours On Site	Total Hours
NEWLAND CONSULTING LLC	CONSULTANT	1	24.00	24.00
AES DRILLING FLUIDS LLC	MUD ENGINEER	1	24.00	24.00
SCANDRILL INC	RIG CREWS	12	24.00	288.00
SCANDRILL INC	TOOLPUSHER	1	24.00	24.00
PHOENIX DIRECTIONAL DRILLERS	4- MAN CREW	4	24.00	96.00
INDUSTRIAL & OILFIELD SERVICES INC	CONSULTANT	1	24.00	24.00
NOV PROCESS & FLOW TECHNOLOGIES US, INC.	2- MAN CREW	2	24.00	48.00
CRESCENT CONSULTING LLC	CONSULTANT	1	24.00	24.00

Rig Information

KB Elevation: 2798.00 ft

KB To GL: 25.00 ft

Rig(s) for today : Scan Texas

Rig Manager : ROCKY BROUMLEY

Rig Phone : 432-400-2272

Date and Time of Rig Release :

Days From Rig Release : 0.00

Rig Fax :

Safety

Last BOP Test(F) Date : 4/2/2018

Last BOP Pressure : 8500.000 psi

Last Lot Fit : 14.50

Last Csg Date : 4/1/2018

Last Csg Pressure : 1500.000 psi

Last Spills Reported :

Last BOP Drill Date : 4/5/2018

Last Test MW : 12.90

Last Accidents :

Last Fire Drill :

Last Test TVD : 11717.00 ft

Last Safety Meeting : 4/19/2018 13:51

Last Evac Drill :

Last Test Pressure : 977.000 psi

Last Safety Meeting Topic : NIPPLE DOWN BOP / RIGGING DOW

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)

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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 601H
Property Number	43STRIPES601
Prospect	

Bottom Hole Targets

UWM	API / License #
Sec 47, Blk 20, 200' FSEL & 330' FSWL	4249533792

Report Information

Report # : 40 Report Date : 4/19/2018

Operations

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

Mud Data

Mud Engineer : <input type="text"/>				Mud Type : <input type="text"/>				Polymer Type : <input type="text"/>				
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)
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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
0.00	BOMCO 1600	0.0	0	BOMCO 1600	0.0	0
0.00	BOMCO 1600	0.0	0	BOMCO 1600	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 & 330' FSWL	4249533792
BUDGET AREA	EEX-Block 20		
Well Name	UL 20 STRIPES 38-47 601H		
Property Number	43STRIPES601		
Prospect			
Report Information		Operations	
Report # :	40	Report Date :	4/19/2018
		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)	E/W	E/W (ft)	Vertical Section (ft)	Dog Leg

Hook Loads	Comments
Up : 0	<p>UL 20 STRIPES 38-47-601H RIG MOBILIZATION BEGAN: 3/11/18 @ 13:00HRS.</p> <p>RIG ON DAYRATE @ 04:30 HRS, 03/16/2018</p> <p>SPUD WELL @ 1900 HRS, 03-16-18</p> <p>(108 HR. RIG MOVE)</p> <p>RELEASED RIG OFF OF PEGASUS 23-35-16#251H ON 03/11/18 @ 13:00 HRS .</p> <p>NOTIFIED TRRC: SPUD/SURFACE: 03/15/17,10 AM, MICHELLE, JOB #123292</p> <p>NOTIFIED TRRC: INTERMENT-03/22/18, 6:00AM, NAOMI, JOB # 123292</p> <p>NOTIFIED TRRC: 2ND INTERMEDIATE: 03-31-18, 8:00AM, AUDREY OP 2, JOB#123292</p> <p>NOTIFIED TRRC: PRODUCTION: 04/16/17 09:45 BECKY, JOB #123292</p> <p>RESUMED DRILLING OPERATIONAL HRS. = 785 (44.29 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 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.</p> <p>DAYS SINCE LAST LTA: (1280 DAYS): LAST OSHA RECORDABLE INCIDENT: (517)</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): 0 HRS. / 11.5 HRS.</p> <p>RIG DOWNTIME CODE 8: (LAST 24 HRS / TOTAL HRS ON WELL) – 0 HRS / 1.5 HRS</p> <p>1.5 HRS CODE 8 ON 3/17/18 STRIPES 601H</p> <p>20" CONDUCTOR SET @ 146'</p> <p>13 3/8" SURFACE: SET @ 437' W/FC @ 394' CIRC 31 BBLs CMT</p> <p>10 3/4" 1 INTERMEDIATE: SET @ 4965' NO CMT TO SUF</p> <p>7 5/8" 2 INTERMEDIATE SET @ 11,895' (5BBLs CEMENT TO SURFACE) F/C @ 11849' W/ BAFFLE., CONTINGENCY BAFFLE @ 4937', DV/ECP @ 4825'</p> <p>5 1/2" PRODUCTION: SET @ 21,613' EST TOC @ 10,070'</p>
Down : 0	
Rotating : 0	
Torque : 0 Amps	
Torque : 0.00 ft lbf	

OBM LOST TO WELL (LAST 24 HRS / TOTAL BBLs): 0 BBLs / 991 BBLs
 OBM LOST BEHIND CASING: 0 BBLs
 OBM LOST: 0 BBLs TO FORMATION
 OBM LOST: 0 BBLs TO CUTTINGS
 OBM LOST: 32 BBLs TO CLEANING PITS, DISCHARGE OVER SHAKERS, LOST ON
 DISPLACEMENT, SURFACE LOSSES, CENTRIFUGE LOSSES
 ADDITIONS- 0 BBL
 OBM RECOVERED FROM NOV DRYER SHAKERS -0 BBL/ 0 BBLs RECOVERED TO DATE.
 STARTING OBM VOLUME: 2027 BBLs TOTAL VOLUME: 2291 BBLs
 TRANSFERRED OUT 0 BBLs

STARTING RIG FUEL: RIG = 1754 GALS TRANSFERED FROM PEGUSAS 23-35-16 #251 0 GALS
 OBM DIESEL, 0 GALS AUX. DIESEL

DIESEL USAGE:

RIG FUEL (DAILY/TOTAL): 594/ 28254 GALS
 MUD DIESEL (DAILY/TOTAL): 0/ 28253 GALS
 AUXILIARY EQUIPMENT (DAILY/TOTAL): 169/ 2222 GALS
 CERTARUS CNG (DAILY/ TOTAL) 651.93 MCF / 29,836.93 TOTAL MCF

ORIGINAL TARGET LINE - @ 11,755' TVD 90° 163.73° AZM
 PLAN 2 CHANGED 03-27-18 @ 11,810' TVD 90° 163.73° AZM
 PLAN 3 CHANGED 03-27-18 @ 11,840' TVD 90 DEGREES
 PLAN #4 CHANGED 04/04/18 @ VS=0', inclination= 91.00 degrees, at TVD = 11,869.1'
 PLAN #5 CHANGED 04/08/18 @ VS=0', INCLINATION=92° @ 11,942.5' TVD
 PLAN #6 CHANGED 04/14/18 @ VS=0' @ 11,718' TVD @ 90.5°

NO LEAKS OR SPILLS REPORTED OR OBSERVED

BHA #8: = BIT #8 -6.75" HALLIBURTON GTC63C SER# 12951220 W/ 6-12' S TFA= .6627 // 5'
 (MAX OD 5.36") PHOENIX/NOV FIXED MUD MOTOR SET @ 1.83° (6/7 LOBE, 6.4 STG., .80
 REV/GAL) // FLOAT SUB // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB,
 CENTRALIZER SUB, GAP SUB) // NMDC // X-OVER 3 1/2 IF X CET 43 // 90 JOINTS CET 43 DP //
 X-OVER CET 43 X XT39 // AMEGA WEST 5" AGITATOR // X-OVER XT39 X CET 43 // 246 JOINTS
 CET-43 DP // 30 JOINTS CET-43 HWDP = TOT. LGTH. = 11564.88 // BIT TO BEND 5.83' // BIT TO
 SURVEY 53' // BIT TO GAMMA 49.98' // DEPTH IN 19,129' // DEPTH OUT 21,638' // FTG. DRILLED
 2518' // TOTAL DRLG HRS. 81 // TOTAL MTR HRS. 88 // AVG R.O.P. 30 FPH // REASON
 PULLED = TD // BIT GRADE= 1-1-NO-A-I-NO-TD

BHA #7: BIT #7 -6.75" GTC63C SER# 129837714 W/ 6-12' S TFA= .566 // 4.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.83° (6/7 LOBE, 6.4 STG., .80 REV/GAL) FLOAT
 SUB // NMPC // XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) //
 4.75" NMDC PONY // X-OVER 3 1/2 IF X CET 43 / 90 JOINTS OF CET 43 DP / X-OVER CET 43 X
 XT39 // AGITATOR // X-OVER XT39 X CET 43 = TOT. LGTH. = 2936.18 // BIT TO BEND 4.83' // BIT
 TO SURVEY 53' // BIT TO GAMMA 50.19' // DEPTH IN 11,900' // DEPTH OUT 19,129' // FTG.
 DRILLED 7229' // TOTAL DRLG HRS. 199 // TOTAL MTR HRS. 208.5 // AVG R.O.P. 36.3 FPH //
 REASON PULLED = HOURS // BIT GRADE= 4-2-FC-N-I-BT-HR

BHA #6 BIT #6 -9.875" CF613 SER# 35567 W/ 5-16S 1-18'S TFA= 1.2303 // 7.75" PHOENIX/NOV
 ADJ., MUD MOTOR SET @ 2.12° (4/5 LOBE, 5.3 STG., .253 REV/GAL) NMPC // XO //
 VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY //
 XO / 30 JOINTS OF DP / 27 JNTS HWDP = TOT. LGTH. = 1856.24' // BIT TO BEND 6.41' // BIT TO
 SURVEY 52' // BIT TO GAMMA 48.96' // DEPTH IN 11,121' // DEPTH OUT 11,900' // FTG. DRILLED
 779' // TOTAL DRLG HRS. 23.5 // TOTAL MTR HRS. 28 // AVG R.O.P. 33.1 FPH // REASON
 PULLED = CASING POINT, BIT GRADE= 2-4-CT-S-I-BT-TD

RE-RUN BHA #5: BIT #5-9.875" CF613 SER# 34734 W/ 5-16'S & 1-18 TFA= 1.2305 // 7.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) NMPC //
 XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC
 PONY // 11.25 OD IBS // 9-8" DC'S // XO // 27 JNTS HWDP = TOT. LGTH. = 1179.01' // BIT TO
 BEND 6.43' // BIT TO SURVEY 50' // BIT TO GAMMA 46' // DEPTH IN 10,213' // DEPTH OUT
 11,121' // FTG. DRILLED 908' // TOTAL DRLG HRS. 29.5 // TOTAL MTR HRS. 31.5 // AVG R.O.P.
 30.8 FPH // REASON PULLED = KOP/BHA // BIT GRADE= 1-2-CT-S-I-CT-BHA

BHA #5: BIT #4-9.875" CF717 SER# 36022 W/ 7-16'S TFA= 1.3744 // 7.75" PHOENIX/NOV ADJ.,
 MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) NMPC // XO // VELOCITY= (XO
 SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 11.25 OD IBS // 9-8"
 DC'S // XO // 27 JNTS HWDP = TOT. LGTH. = 1179.01' // BIT TO BEND 6.43' // BIT TO SURVEY
 50' // BIT TO GAMMA 46' // DEPTH IN 8563' // DEPTH OUT 10213' // FTG. DRILLED 1650' //
 TOTAL DRLG HRS. 45 // TOTAL MTR HRS. 50 // AVG R.O.P. 36.3 FPH // REASON PULLED =
 LOW ROP, BIT GRADE= 8-4-BT-A-I-CT-FR

BHA #4: BIT #3-9.875" SMITH XZ616 SER# JN7079 W/ 6-16'S TFA= 1.767 // 7.75"
 PHOENIX/NOV ADJ., MUD MOTOR SET @ 1.50° (7/8 LOBE, 4 STG., .16 REV/GAL) NMPC //
 XO // VELOCITY= (XO SUB, GROUNDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC
 PONY // 11.25 OD IBS // 9-8" DC'S // XO // 27 JNTS HWDP = TOT. LGTH. = 1178.28' // BIT TO
 BEND 6.43' // BIT TO SURVEY 50' // BIT TO GAMMA 46' // DEPTH IN 4970' // DEPTH OUT 8563' //
 FTG. DRILLED 3583' // TOTAL DRLG HRS. 36.5 // TOTAL MTR HRS. 39.5 // AVG R.O.P. 98.4

FPH // REASON PULLED = LOW PR// BIT GRADE= 8-2-QR-N-1-CT-PR

BHA #3: BIT #2-12.250" SMITH XS716S SER# ED1338 W/ 2-14'S & 5 X 15'S TFA= 1.163 // 8" PHOENIX/NOV ADJ. W/17" NB STAB. MUD MOTOR SET @ 1.83° (7/8 LOBE, 4 STG., .166 REV/GAL) // 11.25 OD IBS // 8" NMPC // XO // VELOCITY= (LANDING SUB, CENTRALIZER SUB, GAP SUB) // 8" NMDC PONY // 11.25 OD IBS // 9-8" DC'S // XO // = TOT. LGTH. = 370.23' // BIT TO BEND 6.43' // BIT TO SURVEY 57' // BIT TO GAMMA 52.81' // DEPTH IN 445' // DEPTH OUT 4970' // FTG. DRILLED 4525' // TOTAL DRLG HRS. 62 // TOTAL MTR HRS. 68 // AVG R.O.P. 72.2 FPH // REASON PULLED = TD CASING POINT ? // BIT GRADE= 1-5-BT-S-1-BT-TD

BHA #2: RE-RUN BIT #1-17.5" ULTERRA CF616 SER# 39306 W/ 9-13'S TFA=1.166 // 8" BIT SUB // 8" SHOCK SUB // 8" NMPC // XO // VELOCITY= (LANDING SUB, CENTRALIZER SUB, GAP SUB) 8" NMDC PONY // 6-8" DC'S // XO // = TOT. LGTH. = 253.16' // BIT TO SURVEY 48' // BIT TO GAMMA 31' // DEPTH IN 300' // DEPTH OUT 445' // FTG. DRILLED 145' // TOTAL DRLG HRS. 3.5 // TOTAL MTR HRS. N/A // AVG R.O.P. 41.4 FPH // REASON PULLED = TD // BIT GRADE=1-2-NO-G-I-NO-TD

BHA #1: 17.5" ULTERRA CF616 SER# 39306 W/ 9-13'S TFA=1.166 // 8" PHOENIX/NOV ADJ. W/17" NB STAB. MUD MOTOR SET @ 1.83° (7/8 LOBE, 4 STG., .166 REV/GAL) // 8" SHOCK SUB // 8" NMPC // XO // VELOCITY= (LANDING SUB, CENTRALIZER SUB, GAP SUB) 8" NMDC PONY // 6-8" DC'S // XO // = TOT. LGTH. = 278.09' // BIT TO BEND 6.43' // BIT TO SURVEY 76' // BIT TO GAMMA 59' // DEPTH IN 146' // DEPTH OUT 300' // FTG. DRILLED 154' // TOTAL DRLG HRS. 15.5 // TOTAL MTR HRS. 18 // AVG R.O.P. 9.94 FPH // REASON PULLED = P-RATE // BIT GRADE = 1-2-NO-G-I-NO-PR

Solids Removal

Shakers

Shaker #	Bottom	Middle	Top
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Other Solids Removal Equipment

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

Formation :

Background Gas :

Trip Calc :

Connection Gas :

Flare Length :

Well Incident

Report # :

Incident Date :

Report Date :

Problem Name :