



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/10/2020

Report No: 1

Estimated Rig Move/Skid: 03/21/2020

End of Report MD/TVD: 377 /377 ft API No: 4249534473 Rig Name: ICD 209 AFE Category 1: \$ 0.00
Daily Footage: 245 ft Property No: 10489J Area: TEXAS - WINKLER
Rig Datum: Rig #1 @ 2,789.00 ft Latitude: 31.67233386 Event: SURFACE Cumulative Cost: \$ 209,962.77
Ground Elev: 2,764.00 ft Longitude: -103.21730332 AFE Number: Total Well Cost: \$209,962.77

Current Operation (6:00 AM): RIGGING UP CASING CREW TO RUN 13-3/8 SURFACE CASING

24-Hr Summary: WALK RIG FROM UTL 4546A-21-11H, CENTER RIG OVER HOLE. RIG UP A-GREENS 3RD PARTY TRASH PUMPS IN CELLAR, INSTALL MUD LINE FROM SIDE OF FESTOON SKID TO HARD LINE ON OFF DRILLERS SIDE SUB, HOOK UP JERONIMO AND DERRICK ASSIST CABLES, WALK CATWALK UNDER V-DOOR AND CENTER UP, INSTALL MOUSEHOLE, PLUG IN POWER CABLE FROM CATWALK TO RIG FLOOR PODIUM, INSTALL CELLAR COVERS, MAKE UP CIRCULATING SWAGE AND CIRCULATING HOSE ON UTL 11-H CASING PUP JOINT FROM FIG FLOOR STANDPIPE FOR OFF LINE CEMENTING. (CIRCULATED AND TESTED LINES, GOOD RETURNS.) CLEAN OUT MP2 SUCTION AND DISCHARGE SCREEN, RIG DOWN CASING ELEVATORS, BAILS EXTENSIONS AND RIG UP RIG ELEVATORS, LATCH UP STAND OF 8" DC'S AND LAY DOWN BOTTOM 8" DC DUE TO BAD THREADS ON PIN. HPJSM, P/U DIR BHA OUT OF DERRICK, RIH, TAG UP AT 132'. DRILL 17.5" HOLE F/ 132' - 200', (68' @ 70 FT/HR) WOB 7-10K, GPM 450, SPP 450 PSI, DIFF 100 PSI, SURFACE RPM- 30, BIT RPM 72, TORQUE 4.5K. RACK BACK STAND OF 5" DP, LATCH STAND OF 8" DC, WHILE RUNNING IN LAST JOINT OF 8" TAGGED UP 10 FT OFF BOTTOM. LAY DOWN ONE 8", LATCH UP STAND OF 5" HWDP. DRILL 17.5" HOLE F/ 200' - 270' (70' @ 88 FT/HR) WOB 18K, GPM 710, SPP 750 PSI, DIFF 250 PSI, SURFACE RPM 50, BIT

24-Hr Forecast: RUN SURFACE CASING, CEMENT, NIPPLE UP BOP'S, TEST BOP'S, MAKE UP 1ST INT BHA, TIH, TEST CASING, OFF LINE CEMENT UTL 11H, NIPPLE

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
14:00	15:00	1.00	MOBDE	RIG MOB / DEMOB	RIG SKIDDING	P	WALK RIG FROM UTL 4546A-21-11H, CENTER RIG OVER HOLE.	132	132
15:00	17:30	2.50	MOBDE	RIG MOB / DEMOB	MOVE AND RIG-UP	P	RIG UP A-GREENS 3RD PARTY TRASH PUMPS IN CELLAR, INSTALL MUD LINE FROM SIDE OF FESTOON SKID TO HARD LINE ON OFF DRILLERS SIDE SUB, HOOK UP JERONIMO AND DERRICK ASSIST CABLES, WALK CATWALK UNDER V-DOOR AND CENTER UP, INSTALL MOUSEHOLE, PLUG IN POWER CABLE FROM CATWALK TO RIG FLOOR PODIUM, INSTALL CELLAR COVERS, MAKE UP CIRCULATING SWAGE AND CIRCULATING HOSE ON UTL 11-H CASING PUP JOINT FROM FIG FLOOR STANDPIPE FOR OFF LINE CEMENTING. (CIRCULATED AND TESTED LINES, GOOD RETURNS.) CLEAN OUT MP2 SUCTION AND DISCHARGE SCREEN, RIG DOWN CASING ELEVATORS, BAILS EXTENSIONS AND RIG UP RIG ELEVATORS, LATCH UP STAND OF 8" DC'S AND LAY DOWN BOTTOM 8" DC DUE TO BAD THREADS ON PIN.	132	132
17:30	20:00	2.50	DSURF	TRIPPING	M/U BHA	P	HPJSM, P/U DIR BHA OUT OF DERRICK, RIH, TAG UP AT 132'.	132	132
20:00	20:30	0.50	DSURF	DRILLING	DRILLING NEW HOLE	P	DRILL 17.5" HOLE F/ 132' - 200', (68' @ 70 FT/HR) WOB 7-10K, GPM 450, SPP 450 PSI, DIFF 100 PSI, SURFACE RPM- 30, BIT RPM 72, TORQUE 4.5K.	132	200
20:30	21:30	1.00	DSURF	TRIPPING	M/U BHA	P	RACK BACK STAND OF 5" DP, LATCH STAND OF 8" DC, WHILE RUNNING IN LAST JOINT OF 8" TAGGED UP 10 FT OFF BOTTOM. LAY DOWN ONE 8", LATCH UP STAND OF 5" HWDP.	200	200
21:30	22:00	0.50	DSURF	DRILLING	DRILLING NEW HOLE	P	DRILL 17.5" HOLE F/ 200' - 270' (70' @ 88 FT/HR) WOB 35K, GPM 710, SPP 750 PSI, DIFF 250 PSI, SURFACE RPM 50-60, BIT RPM 113, TORQUE 6K.	200	270
22:00	23:00	1.00	DSURF	TRIPPING	M/U BHA	P	RACK BACK STAND, PICK UP LAST JOINT OF 8", LATCH UP 5" HWDP STAND.	270	270
23:00	0:00	1.00	DSURF	DRILLING	DRILLING NEW HOLE	P	DRILL 17.5" HOLE F/ 270' TO 377', (107' @ 107 FT/HR) WOB 35-40K, GPM 795, SPP 1300 PSI, DIFF 450 PSI, SURFACE RPM 60, BIT RPM 127, TORQUE 6K.	270	377

Total Time 10.00

CONTACTS

SURVEY DATA (LAST 7)

WSM	LUIS GARCIA	956-827-3700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00
SR. Superintendent	JOEY SIMS	432-250-4182	319.0	1.29	40.85	319.0	2.7	2.3	2.8	0.40
Field Superintendent	CHAD MILLER	307-333-3907	600.0	1.15	32.62	599.9	7.5	5.9	7.6	0.08
Drilling Engineer	TANNER PALMER	512-220-6180	670.0	1.15	32.62	669.9	8.7	6.7	8.8	0.00



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Geologist	JAMES DURNAN	737-704-2321								
Rig Manager	DANNON PETERSON	432-848-4248								
Drilling Tech	PHILLIP ALLEN	512-220-6180								

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	
									Next BOP Test	
00	CONDUCTOR	22.000	0	132					Last BOP Function Test	
00	SURFACE	17.500	132	670					Last BOP Drill	
									Last FIT EMW	
									Last FIT Depth	

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	---	---

BIT OPERATIONS										
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP	
1	200.00	RT	68.00	136.0	10.0/ 15.0	30/ 30	450.0	68	136.0	
1	270.00	RT	70.00	140.0	30.0/ 35.0	50/ 55	650.0	138	138.0	
1	377.00	RT	177.00	118.0	30.0/ 35.0	50/ 60	780.0	315	126.0	

BHA										
BHA#:	1	Bit#:	1	BHA Name: SURFACE				MD In:	132 ft	MD Out: 670 ft
Component	Qty	OD	ID	Length	Top Thread	Manufacturer	Description			
Heavy Weight Drill Pipe	15	5.000		450.00			RIG			
Cross Over	1	7.880		2.43			BOTTLE NECK			
Drill Collar	3	8.000		88.09			3X RIG DRILL COLLAR			
Non-Mag Drill Collar	1	8.000		30.20			MONELL			
MWD Tool	1	8.000		30.47			MWD MONEL			
Muleshoe Sub	1	8.000		3.65			UBHO			
Shock Sub	1	9.000		13.42			COUGAR			
Integral Blade Stabilizer	1	17.000		8.02			17" NORTRAK STAB BFF AMEGA WEST			
Steerable Motor	1	9.620		31.82			7/8 4.0, 1.50			
Polycrystalline Diamond Bit	1	17.500	3.000	1.50		NOV	17" SLEEVE STAB			
							17-1/2 TK69 6X14			
Total Length							659.60 ft	Total Weight	0	



DAILY DRILLING PARTNER REPORT
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UNSAFE BBS CARDS- 12

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 1

Estimated Rig Move/Skid: 03/21/2020

End of Report MD/TVD: 670 /670 ft API No: 4249534473 Rig Name: ICD 319 AFE Category 1: \$ 0.00
Daily Footage: 0 ft Property No: 10489J Area: TEXAS - WINKLER
Rig Datum: Rig #1 @ 2,789.00 ft Latitude: 31.67233386 Event: INTERMEDIATE Cumulative Cost: \$ 16,079.50
Ground Elev: 2,764.00 ft Longitude: -103.21730332 AFE Number: Total Well Cost: \$328,071.78

Current Operation (6:00 AM): TESTING BOP

24-Hr Summary: HPJSM WITH MONAHANS NIPPLE UP CREW, BREAK BOLTS LOOSE ON CACTUS SPEED HEAD TO SPACER SPOOL AND DSA, RAISE BOP AND REMOVE SPACER SPOOL AND SPEED HEAD. HAD TO USE WELDER TO CUT OFF STUDS FROM DSA AND INSTALLED NEW BOLTS. UNDRESS SPEED HEAD FROM OLD SPACER SPOOL. GATHER AND CLEAN BOLTS FOR NIPPLE UP. SET BOP, NIPPLE UP BOP'S, FUNCTION TEST RAMS. MODIFY GAS BUSTER PANIC LINE TO FIT NEW GAS BUSTER, RIG UP FLARE STACK AND GAS BUSTER LINES.

24-Hr Forecast: NIPPLE UP BOP, TEST BOP, DRILL OUT SURFACE SHOE, PERFORM FIT TO 12.0 PPG, DRILL 12-1/4 INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
17:00	18:00	1.00	CASURF	BOP / WELLHEAD	NU BOP	P	HPJSM WITH MONAHANS NIPPLE UP CREW, BREAK BOLTS LOOSE ON CACTUS SPEED HEAD TO SPACER SPOOL AND DSA, RAISE BOP AND REMOVE SPACER SPOOL AND SPEED HEAD. HAD TO USE WELDER TO CUT OFF STUDS FROM DSA AND INSTALLED NEW BOLTS. UNDRESS SPEED HEAD FROM OLD SPACER SPOOL. GATHER AND CLEAN BOLTS FOR NIPPLE UP.	670	670
18:00	0:00	6.00	CASURF	BOP / WELLHEAD	NU BOP	P	SET BOP, NIPPLE UP BOP'S, FUNCTION TEST RAMS. MODIFY GAS BUSTER PANIC LINE TO FIT NEW GAS BUSTER, RIG UP FLARE STACK AND GAS BUSTER LINES.	670	670

Total Time 7.00

CONTACTS

WSM	LUIS GARCIA	956-827-3700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00
SR. Superintendent	PETE BONIN	337-789-7732	319.0	1.29	40.85	319.0	2.7	2.3	2.8	0.40
Field Superintendent	CHAD MILLER	307-333-3907	600.0	1.15	32.62	599.9	7.5	5.9	7.6	0.08
Drilling Engineer	TANNER PALMER	512-220-6180	670.0	1.15	32.62	669.9	8.7	6.7	8.8	0.00
Geologist	JAMES DURNAN	737-704-2321								
Rig Manager	HUBERT SEALS	713-205-2575								
Drilling Tech	PHILLIP ALLEN	512-220-6180								

HOLE SECTIONS

WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	FIT/BOP TEST	
									Last BOP Test	
									Next BOP Test	
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Last BOP Function Test	
00	SURFACE	17.500	132	670					Last BOP Drill	
									Last FIT EMW	
									Last FIT Depth	

BIT RECORDS

Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1-1-NO-TD

BIT OPERATIONS

Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
					/	/			



DAILY DRILLING PARTNER REPORT

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Report Date: 03/11/2020

Report No: 1

BHA

BHA#: 1		Bit#: 1		BHA Name: SURFACE			MD In: 132 ft		MD Out: 670 ft		
Component	Qty	OD	ID	Length	Top Thread	Manufacturer		Description			
Heavy Weight Drill Pipe	15	5.000		450.00				RIG			
Cross Over	1	7.880		2.43				BOTTLE NECK			
Drill Collar	3	8.000		88.09				3X RIG DRILL COLLAR			
Non-Mag Drill Collar	1	8.000		30.20				MONELL			
MWD Tool	1	8.000		30.47				MWD MONEL			
Muleshoe Sub	1	8.000		3.65				UBHO			
Shock Sub	1	9.000		13.42				COUGAR			
Integral Blade Stabilizer	1	17.000		8.02				17" NORTRAK STAB		BFF AMEGA	
Steerable Motor	1	9.620		31.82				7/8 4.0, 1.50			
Polycrystalline Diamond Bit	1	17.500	3.000	1.50		NOV		17" SLEEVE STAB			
								17-1/2 TK69 6X14			
						Total Length		659.60 ft		Total Weight	0



DAILY DRILLING PARTNER REPORT

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Report Date: 03/11/2020

Report No: 1

MUD DATA ()					TORQUE & DRAG					
Engineer:	Sand (%):				MD:	PU Wt:				
Sample From:	LGS (%):				TVD:	SO Wt:				
Mud Type:	MBT (lbm/bbl):				Max Overpull:	Off Btm Rot Wt:				
Time/ MD (ft): /	pH:				Actual Hook Load:	Drag:				
Density (ppg) @ Temp: /	Pm/ Pom (cc):				Torque Off Btm:					
Rheology Temp (°F):	Pf/ Mf (cc):				Torque On Btm:					
Viscosity (s/qt):	Chlorides (ppm):				NPT					
PV/ YP (cp): /	CaCl2 (%):				Responsible Party		Hours	Accum. Hours		
6/ 3 RPM:	Total Hardness (ppm):						0.00	0.00		
Gels 10s/10m/30m:	Lime (lbm/bbl):									
API WL (cc/30min):	ES:									
HTHP WL (cc/30min):	ECD:									
Cake API/ HTHP (32nd"):	H2O Added (bbl):									
Solid/ Sol Corr (%):	Oil Added (bbl):									
Oil/ Water % (%):										
MUD PUMPS										
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)		
									Total	0.00
PERSONNEL					BULK CONSUMPTION					
Company Name		Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance		
PDC LOGIC		1	132.00	DIESEL	0.00	13,670.00	676.00	12,994.00		
RUSCO OPERATING LLC		3	36.00	OBM DIESEL	0.00	7,005.00		7,005.00		
STELLAR DRILLING FLUIDS LLC		1	12.00							
TOTAL DIRECTIONAL SERVICES, LLC		2	24.00							
TOTAL OILFIELD RENTALS		0	0.00							
Total		7	204.00				Total	676.00		
INCIDENT REPORT										
Safety Incident? N		Incident Comments								
Incident Type										
Days Since Last RI										
Days Since Last LTI										
COMMENTS										
START DATE: 03/11/2020 AT 17:00										
NPT DAY: 0.0 HRS / NPT TOTAL FOR THE WELL: 0 HRS										
NPT ICD 319 / DAY: 0.0 HRS										
NPT ICD 319 / WELL: 0.0 HRS										
NPT THIRD PARTY / DAY: 0.0 HRS										
NPT THIRD PARTY / WELL: 0 HRS										
NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020										
NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020										
NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPS:										
NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB:										
SURFACE TD: 670 3/11/2020 03:00										
SURFACE RELEASE: 3/11/2020 17:00										
INTERMEDIATE TD:										
INT. RELEASE:										
KOP:										
EOC:										
TD:										
RIG RELEASE:										
DAILY HSE INFO NUMBERS:										
NEAR MISSES- 0										
GOOD CATCHES- 0										
JSA COMPLETED- 15										
UNSAFE BBS CARDS- 12										



DAILY DRILLING PARTNER REPORT

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Report Date:

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WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 2

Estimated Rig Move/Skid: 03/21/2020

End of Report MD/TVD:	670 /670 ft	API No:	4249534473	Rig Name:	ICD 319	AFE Category 1:	\$ 0.00
Daily Footage:	293 ft	Property No:	10489J	Area:	TEXAS - WINKLER		
Rig Datum:	Rig #1 @ 2,789.00 ft	Latitude:	31.67233386	Event:	SURFACE	Cumulative Cost:	\$ 311,992.28
Ground Elev:	2,764.00 ft	Longitude:	-103.21730332	AFE Number:		Total Well Cost:	\$328,071.78

Current Operation (6:00 AM):	TESTING BOP'S
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24-Hr Summary:	DRILL 17.5" HOLE F/ 377' TO 670', (293' @ 97 FT/HR) WOB 35-40K, GPM 795, SPP 1300 PSI, DIFF 450 PSI, SURFACE RPM 60, BIT RPM 127, TORQUE 6K. PERFORM WIPER TRIP FROM 670-206/ TIH F/206-670. CIRCULATE HOLE CLEAN. POOH F/670-211. PULL MWD/ RACK BACK NMDC/ DRAIN MOTOR/ BREAK BIT/ LAY DOWN TOOLS. PJSM WITH BUTCH'S CASING CREWS, RIG PERSONNEL, PARSLEY ENERGY REPS. RIG UP CASING CREW EQUIPMENT TO RUN 13-3/8 SURFACE CASING. MAKE UP SHOE TRACK AND RUN 15 JTS OF 13-3/8 SURFACE CASING. RIG DOWN CASING CREW EQUIPMENT. CIRCULATE HOLE CLEAN PRIOR TO CEMENT OPERATIONS. PJSM WITH COMPASS CEMENTERS, RIG PERSONNEL, THIRD PARTY, AND PARSLEY REPS. CEMENT 13-3/8 SURFACE CASING ON 12H AS FOLLOWS: SPACER- 30 BBL 8.4 PPG (GEL SPACER) TAIL- 705 SKS 168.25 BBLS 1.34 CUFT/SK 14.8 PPG @ 6 BPM TOT DISP F/W- 88 BBLS @ 6 BPM LIFT PR 700 PSI PLUG DOWN @ 13:30 BUMP PR 950 PSI - PRESS HELD - 950 PSI NOTES: CIRCULATED - 70 BBLS CMT T/SURFACE// OFFLINE CEMENT JOB ON 11H FOR 13-3/8 SURFACE CASING AS FOLLOWS: SPACER- 30 BBL 8.4 PPG (GEL SPACER) TAIL- 705 SKS 168.25 BBLS 1.34 CUFT/SK 14.8 PPG @ 6 BPM TOT DISP F/W- 88 BBLS @ 6 BPM LIFT PR 570 PSI PLUG DOWN @ 15:30 BUMP PR 800 PSI - PRESS HELD -800 PSI NOTES:
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24-Hr Forecast:	FINISH TEST BOP, DRILLOUT, PERFORM FIT TO 12.0 EMW, DRILL 12-1/4 INTERMEDIATE INTERVAL
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OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	3:00	3.00	DSURF	DRILLING	DRILLING NEW HOLE	P	DRILL 17.5" HOLE F/ 377' TO 670', (293' @ 97 FT/HR) WOB 35-40K, GPM 795, SPP 1300 PSI, DIFF 450 PSI, SURFACE RPM 60, BIT RPM 127, TORQUE 6K.	377	670
3:00	4:00	1.00	DSURF	TRIPPING	TRIPPING OUT OF HOLE (NOT INCLUDING BHA)	P	PERFORM WIPER TRIP FROM 670-206/ TIH F/206-670	670	670
4:00	4:30	0.50	DSURF	CIRCULATE	CIRCULATE HOLE CLEAN	P	CIRCULATE HOLE CLEAN	670	670
4:30	5:00	0.50	DSURF	TRIPPING	TRIPPING OUT OF HOLE (NOT INCLUDING BHA)	P	POOH F/670-211	670	670
5:00	7:00	2.00	DSURF	TRIPPING	L/D BHA	P	PULL MWD/ RACK BACK NMDC/ DRAIN MOTOR/ BREAK BIT/ LAY DOWN TOOLS	670	670
7:00	7:30	0.50	CASURF	HSE - SAFETY	SAFETY MEETING	P	PJSM WITH BUTCH'S CASING CREWS, RIG PERSONNEL, PARSLEY ENERGY REPS	670	670
7:30	8:00	0.50	CASURF	CASING / LINER	RIG UP/DOWN FOR CASING/LINER OPERATIONS	P	RIG UP CASING CREW EQUIPMENT TO RUN 13-3/8 SURFACE CASING	670	670
8:00	10:30	2.50	CASURF	CASING / LINER	RUNNING CASING/LINER	P	MAKE UP SHOE TRACK AND RUN 15 JTS OF 13-3/8 SURFACE CASING	670	670
10:30	11:00	0.50	CASURF	CASING / LINER	RIG UP/DOWN FOR CASING/LINER OPERATIONS	P	RIG DOWN CASING CREW EQUIPMENT	670	670
11:00	11:30	0.50	CASURF	CIRCULATE	CIRCULATE HOLE CLEAN	P	CIRCULATE HOLE CLEAN PRIOR TO CEMENT OPERATIONS	670	670
11:30	12:00	0.50	CASURF	HSE - SAFETY	SAFETY MEETING	P	PJSM WITH COMPASS CEMENTERS, RIG PERSONNEL, THIRD PARTY, AND PARSLEY REPS	670	670

**DAILY DRILLING PARTNER REPORT****UTL 4546A-21-12H**

Report Date: 03/11/2020

Report No: 2

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
12:00	15:30	3.50	CASURF	CEMENTING	CEMENT OPERATIONS FOR CASING/LINER	P	CEMENT 13-3/8 SURFACE CASING ON 12H AS FOLLOWS: SPACER- 30 BBL 8.4 PPG (GEL SPACER) TAIL- 705 SKS 168.25 BBLS 1.34 CUFT/SK 14.8 PPG @ 6 BPM TOT DISP F/W- 88 BBLS @ 6 BPM LIFT PR 700 PSI PLUG DOWN @ 13:30 BUMP PR 950 PSI - PRESS HELD - 950 PSI NOTES: CIRCULATED - 70 BBLS CMT T/SURFACE// OFFLINE CEMENT JOB ON 11H FOR 13-3/8 SURFACE CASING AS FOLLOWS: SPACER- 30 BBL 8.4 PPG (GEL SPACER) TAIL- 705 SKS 168.25 BBLS 1.34 CUFT/SK 14.8 PPG @ 6 BPM TOT DISP F/W- 88 BBLS @ 6 BPM LIFT PR 570 PSI PLUG DOWN @ 15:30 BUMP PR 800 PSI - PRESS HELD -800 PSI NOTES: CIRCULATED - 68 BBLS CMT T/SURFACE	670	670
15:30	16:00	0.50	CASURF	CEMENTING	RIG UP/DOWN FOR CEMENT OPERATIONS	P	RIG DOWN CEMENTERS EQUIPMENT AND THIRD PARTY CELLAR PUMPS	670	670
16:00	17:00	1.00	CASURF	BOP / WELLHEAD	PRESSURE TEST BOP/WELLHEAD / SURFACE EQUIPMENT	P	BACK OUT LANDING JOINT ON 12H, LOWER WELLHEAD OVER LANDING COLLAR AND CONFIRM SET. TORQUE DOWN ALL BOLTS AND TEST SEALS TO 5000 PSI// ON 11H AFTER OFFLINE CEMENT JOB BACKED OUT PUP JOINT AND LOWERED WELLHEAD. CONFIRMED SET IN PLACE. TORQUED DOWN ALL BOLTS AND TESTED SEALS TO 5000 PSI	670	670

Total Time 17.00

CONTACTS			SURVEY DATA (LAST 7)							
WSM	LUIS GARCIA	956-827-3700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00
SR. Superintendent	JOEY SIMS	432-250-4182	319.0	1.29	40.85	319.0	2.7	2.3	2.8	0.40
Field Superintendent	CHAD MILLER	307-333-3907	600.0	1.15	32.62	599.9	7.5	5.9	7.6	0.08
Drilling Engineer	TANNER PALMER	512-220-6180	670.0	1.15	32.62	669.9	8.7	6.7	8.8	0.00
Geologist	JAMES DURNAN	737-704-2321								
Rig Manager	HUBERT SEALS	713-205-2575								
Drilling Tech	PHILLIP ALLEN	512-220-6180								

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Next BOP Test	
00	SURFACE	17.500	132	670					Last BOP Function Test	
									Last BOP Drill	
									Last FIT EMW	
									Last FIT Depth	

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1- 1-NO-TD

BIT OPERATIONS									
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
1	670.00	RT	293.00	97.7	35.0/ 40.0	50/ 60	782.8	608	110.5



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 2

BHA

BHA#: 1		Bit#: 1		BHA Name: SURFACE			MD In: 132 ft		MD Out: 670 ft		
Component	Qty	OD	ID	Length	Top Thread	Manufacturer		Description			
Heavy Weight Drill Pipe	15	5.000		450.00				RIG			
Cross Over	1	7.880		2.43				BOTTLE NECK			
Drill Collar	3	8.000		88.09				3X RIG DRILL COLLAR			
Non-Mag Drill Collar	1	8.000		30.20				MONELL			
MWD Tool	1	8.000		30.47				MWD MONEL			
Muleshoe Sub	1	8.000		3.65				UBHO			
Shock Sub	1	9.000		13.42				COUGAR			
Integral Blade Stabilizer	1	17.000		8.02				17" NORTRAK STAB		BFF AMEGA	
Steerable Motor	1	9.620		31.82				7/8 4.0, 1.50			
Polycrystalline Diamond Bit	1	17.500	3.000	1.50		NOV		17-1/2 TK69 6X14			
						Total Length		659.60 ft		Total Weight	0



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 2

MUD DATA (STELLAR OILFIELD RENTALS, LLC)				TORQUE & DRAG			
Engineer:	CHRIS WRIGHT	Sand (%):	0.00	MD:	670 ft	PU Wt:	105,000.0 kip
Sample From:	IN	LGS (%):	1.20	TVD:	670 ft	SO Wt:	98,000.0 kip
Mud Type:	Water	MBT (lbm/bbl):	1.0	Max Overpull:	5,000.0 kip	Off Btm Rot Wt:	102,000.0 kip
Time/ MD (ft):	03:30 / 670	pH:	9.00	Actual Hook Load:	102,000.0 kip	Drag:	3,000.0 kip
Density (ppg) @ Temp:	8.80 / 0.00	Pm/ Pom (cc):	1.00 / 0.00	Torque Off Btm:	2,000.0 ft-lbf		
Rheology Temp (°F):	120.00	Pf/ Mf (cc):	0.05 / 0.08	Torque On Btm:	12,000.0 ft-lbf		
Viscosity (s/qt):	28.00	Chlorides (ppm):	1850				
PV/ YP (cp):	1.00 / 1.000	CaCl2 (%):	N/A				
6/ 3 RPM:	1.00 / 1.00	Total Hardness (ppm):	0				
Gels 10s/10m/30m:	1.00 / 1.00 / 1.00	Lime (lbm/bbl):	0.00				
API WL (cc/30min):	0.0	ES:	0.0				
HTHP WL (cc/30min):	0.0	ECD:	0.00				
Cake API/ HTHP (32nd"):0.0 / 0.0		H2O Added (bbl):	0.0				
Solid/ Sol Corr (%):	0.00 / 0.00	Oil Added (bbl):	0.0				
Oil/ Water % (%):							

MUD PUMPS											
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)			
1	NATIONAL	12-P-160	95.00	1,395.00	90.00	6.000	376.7	4.186			
1	NATIONAL	12-P-160	95.00	1,395.00	97.00	6.000	406.0	4.186		Total	0.00

PERSONNEL				BULK CONSUMPTION			
Company Name	Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance
COMPASS CEMENTING SERVICES, LLC	6	48.00	OBM DIESEL	0.00	7,005.00		7,005.00
RUSCO OPERATING LLC	3	36.00					
STELLAR DRILLING FLUIDS LLC	1	24.00					
TOTAL DIRECTIONAL SERVICES, LLC	4	48.00					
TOTAL OILFIELD RENTALS	2	24.00					
	Total	16	180.00			Total	0.00

INCIDENT REPORT	
Safety Incident? N	Incident Comments
Incident Type	
Days Since Last RI	
Days Since Last LTI	

COMMENTS
START DATE: 03/10/2020 AT 14:00 NPT DAY: 0.0 HRS / NPT TOTAL FOR THE WELL: 0 HRS NPT ICD 319 / DAY: 0.0 HRS NPT ICD 319 / WELL: 0.0 HRS NPT THIRD PARTY / DAY: 0.0 HRS NPT THIRD PARTY / WELL: 0 HRS NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020 NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020 NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPTS: NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB: CEMENT 13.375" CSG AS FOLLOWS: 12H SPACER- 30 BBL 8.4 PPG (GEL SPACER) TAIL- 705 SKS 168.25 BBLS 1.34 CUFT/SK 14.8 PPG @ 6 BPM TOT DISP F/W- 88 BBLS @ 6 BPM LIFT PR 700 PSI PLUG DOWN @ 13:30 BUMP PR 950 PSI - PRESS HELD - 950 PSI NOTES: CIRCULATED - 70 BBLS CMT T/SURFACE SURFACE TD: 670 3/11/2020 03:00 SURFACE RELEASE: 3/11/2020 17:00 INTERMEDIATE TD: INT. RELEASE: KOP:



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 2

EOC:
TD:
RIG RELEASE:

DAILY HSE INFO NUMBERS:

NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 15

UNSAFE BBS CARDS- 12

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/12/2020

Report No: 2

Estimated Rig Move/Skid: 03/21/2020

End of Report MD/TVD: 680 /680 ft API No: 4249534473 Rig Name: ICD 319 AFE Category 1: \$ 0.00
Daily Footage: 10 ft Property No: 10489J Area: TEXAS - WINKLER
Rig Datum: Rig #1 @ 2,789.00 ft Latitude: 31.67233386 Event: INTERMEDIATE Cumulative Cost: \$ 110,516.97
Ground Elev: 2,764.00 ft Longitude: -103.21730332 AFE Number: Total Well Cost: \$422,509.25

Current Operation (6:00 AM): DRILLING 12-1/4 INTERMEDIATE INTERVAL AT A DEPTH OF 1,194' WITH PINK MUD

24-Hr Summary: CONNECT COMMUNICATION LINES FROM ACCUMULAOR TO CONTROL IN DRILLERS CABIN, PURGED ACCUMULUTOR HYDRAULIC SYSTEM, FUNCTION TEST CONTROL ON ACCUMULATOR, RE-FAB, DRY FIT, INSTALL STEEL LINES ON MUD GAS SEPARATOR WITH WELDERS ON LOCATION. MAKE UP TEST PLUG, TEST CHOKE MANIFOLD, ANNULAR, LOWER & UPPER PIPE RAMS, FULL OPENING SAFETY VALVE, KILL VALVES. TEST CASING TO 500 PSI WITH MONOHANS TESTERS. HELD FOR 30 MIN. GOOD TEST. INSTALL ORBIT VALVE, HOOK UP AIRLINES TO CLOSING CLAMP AND FUNCTION, P/U MAKE UP FLOW LINE, RIG UP DRILLING CHOKE, CHANGE OUT ALL HOSES FOR NEW. TIGHTEN UP FLARE LINE FLANGES, HOOK UP PANIC LINE ONCE ALL MODS WERE COMPLETE FROM FITTING IN NEW GAS BUSTER. HAD TO TAKE APART FLARE LINE AND INSTALL GASKETS, INSTALL MOUSE HOLE AND CELLAR COVERS, LINE UP STACK AND CHOKE MANIFOLD VALVES, INSTALL WEAR BUSHING, CHANGE OUT TOP DRIVE SAVER SUB, CHANGE OUT GRABBER DIE BLOCK DUE TO STRIPPED BOLT. P/U BHA AS FOLLOWS: 12.25" ULTERRA SPL616 SN 52037, 9 5/8 7/8 4 STAGE, 1.75 BEND, SN 962-IB-001 MUD MOTOR, 11 3/4 STAB, UBHO, NMDC(MWD), NMDC, 3X 8" RIG D.C. X/O, 5" HWDP. TIH TO TOP OF F.C. ON DEPTH AT 570', FILL PIPE, BREAK CIRCULATION, SET TOP DRIVE TORQUE TO 4000 FT/LBS

24-Hr Forecast: CONTINUE DRILLING 12-1/4 INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	3:00	3.00	CASURF	BOP / WELLHEAD	NU BOP	P	CONNECT COMMUNICATION LINES FROM ACCUMULAOR TO CONTROL IN DRILLERS CABIN, PURGED ACCUMULUTOR HYDRAULIC SYSTEM, FUNCTION TEST CONTROL ON ACCUMULATOR, RE-FAB, DRY FIT, INSTALL STEEL LINES ON MUD GAS SEPARATOR WITH WELDERS ON LOCATION.	670	670
3:00	8:00	5.00	CASURF	BOP / WELLHEAD	FUNCTION TEST BOP	P	MAKE UP TEST PLUG, TEST CHOKE MANIFOLD, ANNULAR, LOWER & UPPER PIPE RAMS, FULL OPENING SAFETY VALVE, KILL VALVES.	670	670
8:00	8:30	0.50	CASURF	PRESSURE TEST	PRESSURE TEST CASING / TUBING	P	TEST CASING TO 500 PSI WITH MONOHANS TESTERS. HELD FOR 30 MIN. GOOD TEST.	670	670
8:30	18:30	10.00	CASURF	BOP / WELLHEAD	NU BOP	U	INSTALL ORBIT VALVE, HOOK UP AIRLINES TO CLOSING CLAMP AND FUNCTION, P/U MAKE UP FLOW LINE, RIG UP DRILLING CHOKE, CHANGE OUT ALL HOSES FOR NEW. TIGHTEN UP FLARE LINE FLANGES, HOOK UP PANIC LINE ONCE ALL MODS WERE COMPLETE FROM FITTING IN NEW GAS BUSTER. HAD TO TAKE APART FLARE LINE AND INSTALL GASKETS, INSTALL MOUSE HOLE AND CELLAR COVERS, LINE UP STACK AND CHOKE MANIFOLD VALVES, INSTALL WEAR BUSHING, CHANGE OUT TOP DRIVE SAVER SUB, CHANGE OUT GRABBER DIE BLOCK DUE TO STRIPPED BOLT.	670	670
18:30	20:30	2.00	CASURF	TRIPPING	M/U BHA	P	P/U BHA AS FOLLOWS: 12.25" ULTERRA SPL616 SN 52037, 9 5/8 7/8 4 STAGE, 1.75 BEND, SN 962-IB-001 MUD MOTOR, 11 3/4 STAB, UBHO, NMDC(MWD), NMDC, 3X 8" RIG D.C. X/O, 5" HWDP.	670	670
20:30	21:30	1.00	CASURF	TRIPPING	TRIPPING IN HOLE (NOT INCLUDING BHA)	P	TIH TO TOP OF F.C. ON DEPTH AT 570', FILL PIPE, BREAK CIRCULATION, SET TOP DRIVE TORQUE TO 4000 FT/LBS (BELOW CASING MAKE UP TORQUE)	670	670
21:30	23:30	2.00	CASURF	DRILLING	DRILL OUT DV TOOL/SHOE TRACK	P	DRILL SHOE TRACK W/ 450 GPM, 360 PSI, 4K TORQUE, WORK THROUGH SHOE AND FLOAT COLLAR, SHOE ON DEPTH AT 655'. DRILL 10' FORMATION FROM 670' TO 680'.	670	680
23:30	0:00	0.50	CASURF	PRESSURE TEST	FORMATION INTEGRITY TEST	P	CONDUCT FIT TO 12.0 PPG MUD, 113 APPLIED SURFACE PSI, 680' TVD, WITH 8.8 TEST MUD.	680	680
Total Time		24.00							

CONTACTS

WSM	LUIS GARCIA	956-827-3700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
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**DAILY DRILLING PARTNER REPORT****UTL 4546A-21-12H****Report Date:** 03/12/2020**Report No:** 2

Night WSM	LUIS GARCIA	956-827-3700	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00
SR. Superintendent	JOEY SIMS	432-250-4182	319.0	1.29	40.85	319.0	2.7	2.3	2.8	0.40
Field Superintendent	CHAD MILLER	307-333-3907	600.0	1.15	32.62	599.9	7.5	5.9	7.6	0.08
Drilling Engineer	TANNER PALMER	512-220-6180	670.0	1.15	32.62	669.9	8.7	6.7	8.8	0.00
Geologist	JAMES DURNAN	737-704-2321								
Rig Manager	HUBERT SEALS	713-205-2575								
Drilling Tech	PHILLIP ALLEN	512-220-6180								

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
									Next BOP Test	4/1/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Last BOP Function Test	3/12/2020
00	SURFACE	17.500	132	670					Last BOP Drill	3/13/2020
00	INTERMEDIATE 1	12.250	670						Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1-1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670		---	---

BIT OPERATIONS										
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP	
1	680.00	OR	10.00	20.0	15.0/ 20.0	30/ 30	550.0	10	20.0	

BHA										
BHA#:	1	Bit#:	1	BHA Name: INTERMEDIATE				MD In:	670 ft	MD Out:
Component	Qty	OD	ID	Length	Top Thread	Manufacturer	Description			
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF					
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL				
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL				
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL				
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL	MONEL			
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL				
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL				
Steerable Motor	1	9.620	3.000	31.20	NC56	TOTAL				
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA				
							Total Length	1,293.78 ft	Total Weight	0



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/12/2020

Report No: 2

MUD DATA (STELLAR OILFIELD RENTALS, LLC)				TORQUE & DRAG			
Engineer:	CHRIS WRIGHT	Sand (%):		MD:	680 ft	PU Wt:	109.0 kip
Sample From:	IN	LGS (%):	8.58	TVD:	680 ft	SO Wt:	104.0 kip
Mud Type:	Water	MBT (lbm/bbl):	0.0	Max Overpull:	109.0 kip	Off Btm Rot Wt:	106.0 kip
Time/ MD (ft):	03:30 / 670	pH:	8.00	Actual Hook Load:	106.0 kip	Drag:	3.0 kip
Density (ppg) @ Temp:	8.80 / 87.00	Pm/ Pom (cc):	0.03 /	Torque Off Btm:	1,500.0 ft-lbf		
Rheology Temp (°F):	150.00	Pf/ Mf (cc):	0.01 /0.04	Torque On Btm:	4,500.0 ft-lbf		
Viscosity (s/qt):	30.00	Chlorides (ppm):	168,000				
PV/ YP (cp):	1.00 / 4.000	CaCl2 (%):	N/A				
6/ 3 RPM:	2.00 / 1.00	Total Hardness (ppm):	2800				
Gels 10s/10m/30m:	1.00 /1.00 /1.00	Lime (lbm/bbl):					
API WL (cc/30min):	100.0	ES:					
HTHP WL (cc/30min):	0.0	ECD:					
Cake API/ HTHP (32nd"):		H2O Added (bbl):					
Solid/ Sol Corr (%):		Oil Added (bbl):					
Oil/ Water % (%):							

MUD PUMPS								
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)
1	NATIONAL	12-P-160	95.00	650.00	65.00	6.000	272.1	4.186
1	NATIONAL	12-P-160	95.00	650.00	65.00	6.000	272.1	4.186
								Total
								-6,666.00

PERSONNEL				BULK CONSUMPTION			
Company Name	Qty	Man-Hrs		Material	Initial	Received	Daily Use
MENDFORD TRUCKING	3	30.00		DIESEL	12,994.00		698.00
PDC LOGIC	11	132.00		OBM DIESEL	7,005.00		3,981.00
RUSCO OPERATING LLC	3	36.00					
STELLAR DRILLING FLUIDS LLC	1	12.00					
TOTAL DIRECTIONAL SERVICES, LLC	4	48.00					
	Total	22	258.00				Total
							4,679.00

INCIDENT REPORT	
Safety Incident? N	Incident Comments
Incident Type	
Days Since Last RI	
Days Since Last LTI	

COMMENTS

START DATE: 03/11/2020 AT 17:00
NPT DAY: 10.0 HRS / NPT TOTAL FOR THE WELL: 10 HRS
NPT ICD 319 / DAY: 10.0 HRS
NPT ICD 319 / WELL: 10.0 HRS
NPT THIRD PARTY / DAY: 0.0 HRS
NPT THIRD PARTY / WELL: 0 HRS

NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020
NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020
NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPS:
NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB:

SURFACE TD: 670'- 3/11/2020 AT 03:00
SURFACE RELEASE: 3/11/2020 AT 17:00
INTERMEDIATE TD:
INT. RELEASE:
KOP:
EOC:
TD:
RIG RELEASE:

DAILY HSE INFO NUMBERS:
NEAR MISSES- 0
GOOD CATCHES- 0
JSA COMPLETED- 16
UNSAFE BBS CARDS- 12



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date:

03/12/2020

Report No:

2

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/13/2020

Report No: 3

Estimated Rig Move/Skid: 03/21/2020

End of Report MD/TVD:	2543 /2542 ft	API No:	4249534473	Rig Name:	ICD 319	AFE Category 1:	\$ 0.00
Daily Footage:	1863 ft	Property No:	10489J	Area:	TEXAS - WINKLER		
Rig Datum:	Rig #1 @ 2,789.00 ft	Latitude:	31.67233386	Event:	INTERMEDIATE	Cumulative Cost:	\$ 189,405.88
Ground Elev:	2,764.00 ft	Longitude:	-103.21730332	AFE Number:		Total Well Cost:	\$501,398.16

Current Operation (6:00 AM): DRILLING 12-1/4 INTERMEDIATE INTERVAL AT A DEPTH OF 3,045' WITH PINK MUD

24-Hr Summary: DRILL 12-1/4" HOLE F/ 680' - 736', WOB 18-30K, GPM 660, SPP 1050 PSI, DIFF 250-300 PSI, SURFACE RPM 50, , TORQUE 8K. CHANGE OUT ROTATING HEAD GASKET. DRILL 12-1/4" HOLE F/ 736'- 918,WOB 18-30K, GPM 850, SPP 1450 PSI, DIFF 400 PSI, RPM 50, BIT RPM 110, TORQUE 8K. SLIDE F/918-933 WOB-45 GPM-850 DIFF-400 MTF-220 ROT F/933-1289 WOB-55 GPM-850 SPP-2100 DIFF-650 TQ-14 ROT F/1289 T/1571' WOB-55 GPM-850 SPP-2100 DIFF-650 TQ-14 WHILE DRILLING AHEAD BIT ACTED LIKE IT WAS BALLED UP. PUMPED A HIGH VIS SWEEP AND BEGAN PLAYING WITH PERAMETERS. TORQUE FELL OFF F/16K T/8K. PRESSURE GAINED 1000PSI. ATTEMPTED TO GO BACK DRILLING THE HOPES OF CLEARING A POSSIBLE PLUGGED JET WITH NO LUCK. PRESSURE CLIMED ANOTHER 500PSI FOR A TOTAL GAIN OF 1600PSI OFF BOTTOM PRESSURE. CHECKED INLINE SCREEN TO INSURE IT WAS NOT PLUGGED, SCREEN WAS CLEAR. MADE THE CALL TO TOH FOR PLUGGED JETS. CIRCULATEBOTTOMS UP PRIOR TO TOH FOR BIT AND MOTOR. TOH F/1571' T/BHA. HOLE TOOK PROPPER FILL AND NO EXCESS DRAG. LAY DOWN BIT AND MOTOR. WHEN DRAINING MOTOR BIT BOX BEARINGS HAD EXCESS SQUAT. BIT HAD 5 JETS PLUGGED WITH STATOR RUBBER. PICK UP AND SCRIBE TOTAL MOTOR.MAKE UP BIT AND INSTALLED THE MWD. TIH WITH BHA.DRILL

24-Hr Forecast: CONTINUE DRILLING 12-1/4 INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	0:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4" HOLE F/ 680' - 736', WOB 18-30K, GPM 660, SPP 1050 PSI, DIFF 250-300 PSI, SURFACE RPM 50, , TORQUE 8K.	680	736
0:30	1:30	1.00	DINT1	BOP / WELLHEAD	RU/RD FLOW LINES & CONNECTION S	P	CHANGE OUT ROTATING HEAD GASKET.	736	736
1:30	3:30	2.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4" HOLE F/ 736'- 918,WOB 18-30K, GPM 850, SPP 1450 PSI, DIFF 400 PSI, RPM 50, BIT RPM 110, TORQUE 8K.	736	918
3:30	4:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/918-933 WOB-45 GPM-850 DIFF-400 MTF-220	918	933
4:00	6:00	2.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/933-1289 WOB-55 GPM-850 SPP-2100 DIFF-650 TQ-14	933	1289
6:00	8:00	2.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/1289 T/1571' WOB-55 GPM-850 SPP-2100 DIFF-650 TQ-14 WHILE DRILLING AHEAD BIT ACTED LIKE IT WAS BALLED UP. PUMPED A HIGH VIS SWEEP AND BEGAN PLAYING WITH PERAMETERS. TORQUE FELL OFF F/16K T/8K. PRESSURE GAINED 1000PSI. ATTEMPTED TO GO BACK DRILLING IN THE HOPES OF CLEARING A POSSIBLE PLUGGED JET WITH NO LUCK. PRESSURE CLIMED ANOTHER 500PSI FOR A TOTAL GAIN OF 1600PSI OFF BOTTOM PRESSURE. CHECKED INLINE SCREEN TO INSURE IT WAS NOT PLUGGED, SCREEN WAS CLEAR. MADE THE CALL TO TOH FOR PLUGGED JETS.	1289	1571
8:00	8:30	0.50	DINT1	CIRCULATE	CIRCULATE HOLE CLEAN	U	CIRCULATE BOTTOMS UP PRIOR TO TOH FOR BIT AND MOTOR.	1571	1571
8:30	10:00	1.50	DINT1	TRIPPING	TRIPPING OUT OF HOLE (NOT INCLUDING BHA)	U	TOH F/1571' T/BHA. HOLE TOOK PROPPER FILL AND NO EXCESS DRAG.	1571	1571
10:00	11:00	1.00	DINT1	TRIPPING	L/D BHA	U	LAY DOWN BIT AND MOTOR. WHEN DRAINING MOTOR BIT BOX BEARINGS HAD EXCESS SQUAT. BIT HAD 5 JETS PLUGGED WITH STATOR RUBBER.	1571	1571
11:00	12:00	1.00	DINT1	TRIPPING	M/U BHA	U	PICK UP AND SCRIBE TOTAL MOTOR. MAKE UP BIT AND INSTALLED THE MWD. TIH WITH BHA.	1571	1571
12:00	12:30	0.50	DINT1	TRIPPING	M/U BHA	U	PICK UP AND SCRIBE TOTAL MOTOR	1571	1571



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/13/2020

Report No: 3

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
12:30	13:00	0.50	DINT1	TRIPPING	TRIPPING IN HOLE (NOT INCLUDING BHA)	U	TIH F/200' (BHA) T/1571' AND INSTALL ROTATING HEAD.	1571	1571
13:00	14:30	1.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/1571-1670 WOB-40 RPM-50 GPM-850 SPP-2400 TQ-9 DIFF-400	1571	1670
14:30	16:30	2.00	DINT1	RIG REPAIR / MAINTENANCE	SERVICE RIG (AS PER CONTRACT, MORE THAN 2 HRS PER DAY)	U	CHANGE OUT SAVER SUB	1670	1670
16:30	17:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/1670-1786 WOB-40 RPM-65 GPM-854 SPP-2600 TQ-12 DIFF-500	1670	1786
17:00	17:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/1786-1806 WOB-25 GPM-854 SPP-2400 TF-290M	1786	1806
17:30	19:00	1.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/1806-1952 WOB-33 GPM-850 DIFF-500 SPP-2400 RPM-60	1806	1952
19:00	19:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/1952-1982 WOB-30 GPM-850 SPP-2300 TF-230 DIFF-500	1952	1982
19:30	20:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/1982-2045 WOB-40 GPM-850 RPM-50 SPP-2500 DIFF-500	1982	2045
20:00	20:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2045-2076 WOB-35 GPM-850 DIFF-500 SPP-2500	2045	2076
20:30	21:30	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2076-2327 WOB-45 GPM-850 SPP-2700 RPM-60 DIFF-750	2076	2327
21:30	22:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2327-2367 WOB-45 GPM-850 SPP-2600 DIFF-500 MTF-300	2327	2367
22:00	22:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2367-2422 WOB-50GPM-850 SPP-2700 RPM-60 DIFF-650 TQ-15	2367	2422
22:30	23:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2422-2453 WOB-40 GPM-850 SPP-2600 DIFF-550	2422	2453
23:00	23:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2453-2516 WOB-50 GPM-850 SPP-2700 RPM-60 DIFF-750 TQ-16	2453	2516
23:30	0:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2516-2543 WOB-40 GPM-850 SPP-2600 DIFF-500	2516	2543
Total Time		24.00							

CONTACTS			SURVEY DATA (LAST 7)							
WSM	LUIS GARCIA	956-827-3700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	1,889.0	0.35	91.52	1,888.8	18.3	14.4	18.7	0.40
SR. Superintendent	JOEY SIMS	432-250-4182	1,982.0	0.88	205.87	1,981.8	17.7	14.4	18.0	1.15
Field Superintendent	CHAD MILLER	307-333-3907	2,076.0	2.58	224.34	2,075.7	15.5	12.6	15.8	1.88
Drilling Engineer	TANNER PALMER	512-220-6180	2,171.0	2.70	228.00	2,170.6	12.5	9.4	12.7	0.22
Geologist	JAMES DURMAN	737-704-2321	2,264.0	1.31	222.22	2,263.6	10.2	7.1	10.4	1.51
Rig Manager	HUBERT SEALS	713-205-2575	2,359.0	1.72	264.98	2,358.5	9.3	4.9	9.4	1.23
Drilling Tech	PHILLIP ALLEN	512-220-6180	2,453.0	3.54	278.28	2,452.4	18.3	0.7	9.6	2.03

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
									Next BOP Test	4/1/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Last BOP Function Test	3/12/2020
00	SURFACE	17.500	132	670					Last BOP Drill	
00	INTERMEDIATE 1	12.250	670						Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1- 1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670	1571	1-1-PN-A	0- I-NO-PP
2	12.250	SPL616	ULTERRA	49080	0.91	8.00	1571		---	---



DAILY DRILLING PARTNER REPORT

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Report Date: 03/13/2020

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BIT OPERATIONS

Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
1	736.00	RT	56.00	112.0	10.0/ 20.0	30/ 30	862.3	66	66.0
1	918.00	RT	182.00	91.0	25.0/ 45.0	50/ 65	862.3	248	82.7
1	933.00	SL	15.00	30.0	30.0/ 4.0	0/ 0	862.3	263	75.1
1	1,289.00	RT	356.00	178.0	35.0/ 60.0	50/ 65	862.3	619	112.5
1	1,571.00	RT	282.00	0.0	35.0/ 55.0	50/ 65	862.3	901	163.8
2	1,670.00	RT	99.00	66.0	35.0/ 45.0	50/ 60	862.3	99	66.0
2	1,786.00	RT	116.00	232.0	40.0/ 50.0	50/ 65	862.3	215	107.5
2	1,806.00	SL	20.00	40.0	25.0/ 40.0	0/ 0	862.3	235	94.0
2	1,952.00	RT	146.00	97.3	30.0/ 45.0	50/ 60	862.3	381	95.2
2	1,982.00	SL	30.00	60.0	30.0/ 40.0	0/ 0	862.3	411	91.3
2	2,045.00	RT	63.00	126.0	30.0/ 45.0	50/ 60	862.3	474	94.8
2	2,076.00	SL	31.00	62.0	35.0/ 45.0	0/ 0	862.3	505	91.8
2	2,327.00	RT	251.00	251.0	40.0/ 50.0	50/ 60	862.3	756	116.3
2	2,367.00	SL	40.00	80.0	35.0/ 5.0	0/ 0	862.3	796	113.7
2	2,422.00	RT	55.00	110.0	40.0/ 50.0	50/ 60	862.3	851	113.5
2	2,453.00	SL	31.00	62.0	30.0/ 45.0	0/ 0	862.3	882	110.2
2	2,516.00	RT	63.00	126.0	40.0/ 50.0	50/ 60	862.3	945	111.2

BHA

BHA#: 2		Bit#: 2		BHA Name: INTERMEDIATE			MD In: 1571 ft		MD Out:	
Component	Qty	OD	ID	Length	Top Thread	Manufacturer	Description			
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF					
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL				
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL				
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL				
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL	MONEL			
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL				
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL				
Steerable Motor	1	9.620	3.000	36.26	NC56	TOTAL				
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA				
						Total Length	1,298.84 ft	Total Weight	0	



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

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MUD DATA (STELLAR OILFIELD RENTALS, LLC)					TORQUE & DRAG						
Engineer:	CHRIS WRIGHT		Sand (%):		MD:	2543	ft	PU Wt:	140.0	kip	
Sample From:	IN		LGS (%):	8.99	TVD:	2542	ft	SO Wt:	130.0	kip	
Mud Type:	Water		MBT (lbm/bbl):	0.0	Max Overpull:			Off Btm Rot Wt:	135.0	kip	
Time/ MD (ft):	03:30 / 1670		pH:	9.00	Actual Hook Load:	135.0	kip	Drag:	5.0	kip	
Density (ppg) @ Temp:	9.35 / 92.00		Pm/ Pom (cc):	0.30 /	Torque Off Btm:	3.0	ft-lbf				
Rheology Temp (°F):	150.00		Pf/ Mf (cc):	0.15 /0.32	Torque On Btm:	15.0	ft-lbf				
Viscosity (s/qt):	34.00		Chlorides (ppm):	174,000	NPT						
PV/ YP (cp):	1.00 / 4.000		CaCl2 (%):	N/A	Responsible Party		Hours	Accum. Hours			
6/ 3 RPM:	2.00 / 1.00		Total Hardness (ppm):	2400						-6,666.00	
Gels 10s/10m/30m:	1.00 /1.00 /1.00		Lime (lbm/bbl):		HELMERICH & PAYNE INTERNATIONAL		2.00			2.00	
API WL (cc/30min):	100.0		ES:		DRILLING CO. DEPARTMENT						
HTHP WL (cc/30min):	0.0		ECD:	9.43	TOTAL ENERGY SERVICES, LLC		5.00			5.00	
Cake API/ HTHP (32nd"):1.0 /0.0			H2O Added (bbl):								
Solid/ Sol Corr (%):			Oil Added (bbl):								
Oil/ Water % (%):											
MUD PUMPS											
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)			
1	NATIONAL	12-P-160	95.00	2,200.00	100.00	6.000	418.6	4.186			
1	NATIONAL	12-P-160	95.00	2,200.00	102.00	6.000	427.0	4.186	Total	-6,659.00	
1	NATIONAL	12-P-160	95.00	2,400.00	102.00	6.000	427.0	4.186			
1	NATIONAL	12-P-160	95.00	2,400.00	100.00	6.000	418.6	4.186			
1	NATIONAL	12-P-160	95.00	2,600.00	104.00	6.000	435.4	4.186			
1	NATIONAL	12-P-160	95.00	2,600.00	102.00	6.000	427.0	4.186			
PERSONNEL											
Company Name				Qty	Man-Hrs	Material		Initial	Received	Daily Use	Daily Balance
PDC LOGIC				11	132.00	DIESEL		12,296.00		1,996.00	10,300.00
RUSCO OPERATING LLC				2	24.00	OBM DIESEL		3,024.00	7,001.00	4,985.00	5,040.00
STELLAR DRILLING FLUIDS LLC				1	12.00						
TOTAL DIRECTIONAL SERVICES, LLC				4	48.00						
Total				18	216.00					Total	6,981.00
INCIDENT REPORT											
Safety Incident?		N	Incident Comments								
Incident Type											
Days Since Last RI											
Days Since Last LTI											
COMMENTS											
START DATE: 03/11/2020 AT 17:00 NPT DAY: 8.0 HRS / NPT TOTAL FOR THE WELL: 18 HRS NPT ICD 319 / DAY: 2.0 HRS NPT ICD 319 / WELL: 12.0 HRS NPT THIRD PARTY / DAY: 6.0 HRS NPT THIRD PARTY / WELL: 6.0 HRS NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020 NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020 NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPS: NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB: SURFACE TD: 670'- 3/11/2020 AT 03:00 SURFACE RELEASE: 3/11/2020 AT 17:00 INTERMEDIATE TD: INT. RELEASE: KOP: EOC: TD: RIG RELEASE: DAILY HSE INFO NUMBERS:											



DAILY DRILLING PARTNER REPORT

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NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 17

UNSAFE BBS CARDS- 12

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/14/2020

Report No: 4

Estimated Rig Move/Skid: 03/21/2020

End of Report MD/TVD:	4716 /4698 ft	API No:	4249534473	Rig Name:	ICD 319	AFE Category 1:	\$ 0.00
Daily Footage:	2173 ft	Property No:	10489J	Area:	TEXAS - WINKLER		
Rig Datum:	Rig #1 @ 2,789.00 ft	Latitude:	31.67233386	Event:	INTERMEDIATE	Cumulative Cost:	\$ 260,727.57
Ground Elev:	2,764.00 ft	Longitude:	-103.21730332	AFE Number:		Total Well Cost:	\$572,719.85

Current Operation (6:00 AM): DRILLING 12-1/4 INTERMEDIATE INTERVAL AT A DEPTH OF 5,087' WITH 9.1 PPG PINK MUD

24-Hr Summary: ROT F/2543-2591 WOB-20 GPM-455 RPM-40 DIFF-350 TQ-10 WITH MP1 DUE TO CHANGING SWAB ON MP2 ROT F/2591-2611 WOB-50 GPM-850 SPP-2750 DIFF-750 RPM-60 TQ-16 SLIDE F/2611-2641 WOB-42 GPM-850 SPP-2600 DIFF-550 TF-HS ROT F/2641-2893 WOB-60 GPM-850 RPM-50 SPP-2900 DIFF-900 TQ-19 SLIDE F/2893-2923 WOB-40 GPM-850 SPP-2600 DIFF-300 ROT F/2923-2987 WOB-58 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-17 RIG SERVICE TOP DRIVE, BLOCKS, DRAWWORKS SLIDE F/2987-3019 WOB-40 GPM-850 SPP-2600 DIFF-450 ROT F/3019 T/3287 WOB-58 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-17 SLIDE F/3287 T/3313 WOB-35-45 GPM-850 SPP-2600 DIFF-450 ROT F/3313 T/3384 WOB-55-65 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-14-17 SLIDE F/3384 T/3414 WOB-35-45 GPM-850 SPP-2600 DIFF-450 ROT F/3414 T/3954 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17 SLIDE F/3954 T/3988 WOB-35-45 GPM-850 SPP-2800 DIFF-300 ROT F/3988 T/4026 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17 RIG SERVICE TOP DRIVE, BLOCKS, DRAWWORKS ROT F/4026 T/4134 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17 SLIDE F/4134 T/4162 WOB-35-45 GPM-850 SPP-2800 DIFF-300 ROT F/4162-4230 WOB-35 RPM-50 SPP-3350 DIFF-850 GPM-854 TQ-16 SLIDE F/4230-4260 WOB-17 GPM-854 SPP-2700

24-Hr Forecast: CONTINUE DRILLING 12-1/4 INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	0:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2543-2591 WOB-20 GPM-455 RPM-40 DIFF-350 TQ-10 WITH MP1 DUE TO CHANGING SWAB ON MP2	2543	2591
0:30	1:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2591-2611 WOB-50 GPM-850 SPP-2750 DIFF-750 RPM-60 TQ-16	2591	2611
1:00	1:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2611-2641 WOB-42 GPM-850 SPP-2600 DIFF-550 TF-HS	2611	2641
1:30	3:00	1.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2641-2893 WOB-60 GPM-850 RPM-50 SPP-2900 DIFF-900 TQ-19	2641	2893
3:00	3:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2893-2923 WOB-40 GPM-850 SPP-2600 DIFF-300	2893	2923
3:30	4:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2923-2987 WOB-58 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-17	2923	2987
4:00	4:30	0.50	DINT1	RIG REPAIR / MAINTENANCE	SERVICE RIG (AS PER CONTRACT, LESS THAN 2 HRS PER DAY)	P	RIG SERVICE TOP DRIVE, BLOCKS, DRAWWORKS	2987	2987
4:30	5:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2987-3019 WOB-40 GPM-850 SPP-2600 DIFF-450	2987	3019
5:00	6:30	1.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/3019 T/3287 WOB-58 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-17	3019	3287
6:30	7:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/3287 T/3313 WOB-35-45 GPM-850 SPP-2600 DIFF-450	3287	3313
7:00	8:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/3313 T/3384 WOB-55-65 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-14-17	3313	3384
8:00	9:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/3384 T/3414 WOB-35-45 GPM-850 SPP-2600 DIFF-450	3384	3414
9:00	13:00	4.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/3414 T/3954 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17	3414	3954
13:00	14:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/3954 T/3988 WOB-35-45 GPM-850 SPP-2800 DIFF-300	3954	3988
14:00	14:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/3988 T/4026 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17	3988	4026
14:30	15:00	0.50	DINT1	RIG REPAIR / MAINTENANCE	DRILLING NEW HOLE	P	RIG SERVICE TOP DRIVE, BLOCKS, DRAWWORKS	4026	4026
15:00	16:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4026 T/4134 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17	4026	4134



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/14/2020

Report No: 4

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
16:00	16:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4134 T/4162 WOB-35-45 GPM-850 SPP-2800 DIFF-300	4134	4162
16:30	17:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4162-4230 WOB-35 RPM-50 SPP-3350 DIFF-850 GPM-854 TQ-16	4162	4230
17:00	18:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4230-4260 WOB-17 GPM-854 SPP-2700 DIFF-150	4230	4260
18:00	18:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4260-4320 WOB-35 GPM-850 SPP-3400 DIFF-800 TQ-16	4260	4320
18:30	19:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4320-4345 WOB-32 SPM-850 SPP-2900 DIFF-550 TF-30L	4320	4345
19:00	20:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4345-4414 WOB-50 GPM-850 SPP-3400 DIFF-800 RPM-50 TQ-18	4345	4414
20:00	20:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4414-4444 WOB-30 GPM-850 SPP-2550 DIFF-500 TF-30L	4414	4444
20:30	22:00	1.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4444-4603 WOB-50 GPM-800 SPP-3200 DIFF-800 RPM-50 TQ-18	4444	4603
22:00	22:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4603-4614 WOB-28 GPM-800 SPP-2750 DIFF-400	4603	4614
22:30	23:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4614-4686 WOB-55 GPM-800 RPM-50 TQ-18 DIFF-800 SPP-3200	4614	4686
23:00	0:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4686-4716 WOB-25 GPM-800 SPP-2600 DIFF-250	4686	4716
Total Time		24.00							

CONTACTS			SURVEY DATA (LAST 7)							
WSM	BRETT STRONG	970-201-4700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	4,058.0	6.24	283.59	4,044.3	79.3	-188.6	74.4	0.63
SR. Superintendent	JOEY SIMS	432-250-4182	4,152.0	5.48	290.45	4,137.8	82.1	-197.8	76.9	1.10
Field Superintendent	CHAD MILLER	307-333-3907	4,247.0	5.69	301.99	4,232.4	86.1	-206.0	80.8	1.20
Drilling Engineer	TANNER PALMER	512-220-6180	4,341.0	5.94	298.96	4,325.9	91.0	-214.2	85.4	0.42
Geologist	JAMES DURNAN	737-704-2321	4,436.0	6.92	282.54	4,420.3	94.6	-224.1	88.7	2.18
Rig Manager	HUBERT SEALS	713-205-2575	4,530.0	7.43	281.39	4,513.6	97.0	-235.6	90.9	0.56
Drilling Tech	PHILLIP ALLEN	512-220-6180	4,625.0	6.18	280.79	4,607.9	79.3	-246.7	92.8	1.32

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Next BOP Test	4/1/2020
00	SURFACE	17.500	132	670					Last BOP Function Test	3/12/2020
00	INTERMEDIATE 1	12.250	670						Last BOP Drill	
									Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1-1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670	1571	1-1-PN-A	0-1-NO-PP
2	12.250	SPL616	ULTERRA	49080	0.91	8.00	1571		---	---

**DAILY DRILLING PARTNER REPORT****UTL 4546A-21-12H****Report Date:** 03/14/2020**Report No:** 4**BIT OPERATIONS**

Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
2	2,591.00	RT	48.00	96.0	15.0/ 20.0	30/ 40	816.3	993	110.3
2	2,611.00	RT	20.00	40.0	40.0/ 50.0	50/ 60	816.3	1013	106.6
2	2,641.00	SL	30.00	60.0	40.0/ 45.0	0/ 0	816.3	1043	104.3
2	2,893.00	RT	252.00	168.0	50.0/ 60.0	50/ 60	816.3	1295	112.6
2	2,923.00	SL	30.00	60.0	30.0/ 40.0	0/ 0	816.3	1325	110.4
2	2,987.00	RT	64.00	128.0	50.0/ 60.0	40/ 50	816.3	1389	111.1
2	3,019.00	SL	32.00	64.0	35.0/ 45.0	0/ 0	816.3	1421	109.3
2	3,287.00	RT	268.00	178.7	35.0/ 65.0	50/ 60	816.3	1689	116.5
2	3,313.00	SL	26.00	52.0	30.0/ 45.0	0/ 0	816.3	1715	114.3
2	3,384.00	RT	71.00	71.0	40.0/ 63.0	50/ 50	816.3	1786	111.6
2	3,414.00	SL	30.00	30.0	30.0/ 45.0	0/ 0	816.3	1816	106.8
2	3,954.00	RT	540.00	135.0	35.0/ 65.0	50/ 75	816.3	2356	112.2
2	3,988.00	SL	34.00	34.0	35.0/ 40.0	0/ 0	816.3	2390	108.6
2	4,026.00	RT	38.00	76.0	35.0/ 65.0	50/ 70	816.3	2428	107.9
2	4,134.00	RT	108.00	108.0	50.0/ 65.0	50/ 60	816.3	2536	107.9
2	4,162.00	SL	28.00	56.0	30.0/ 40.0	0/ 0	816.3	2564	106.8
2	4,230.00	RT	68.00	136.0	35.0/ 45.0	50/ 60	816.3	2632	107.4
2	4,260.00	SL	30.00	30.0	17.0/ 25.0	0/ 0	816.3	2662	104.4
2	4,320.00	RT	60.00	120.0	35.0/ 45.0	50/ 60	816.3	2722	104.7
2	4,345.00	SL	25.00	50.0	30.0/ 40.0	0/ 0	816.3	2747	103.7
2	4,414.00	RT	69.00	69.0	50.0/ 60.0	50/ 60	816.3	2816	102.4
2	4,444.00	SL	30.00	60.0	25.0/ 35.0	0/ 0	816.3	2846	101.6
2	4,603.00	RT	159.00	106.0	40.0/ 50.0	45/ 55	816.3	3005	101.9
2	4,614.00	SL	11.00	22.0	25.0/ 35.0	0/ 0	816.3	3016	100.5
2	4,686.00	RT	72.00	144.0	45.0/ 55.0	50/ 60	816.3	3088	101.2
2	4,716.00	SL	30.00	30.0	25.0/ 35.0	0/ 0	816.3	3118	99.0

BHA

BHA#: 2		Bit#: 2		BHA Name: INTERMEDIATE				MD In: 1571 ft		MD Out:		
Component	Qty	OD	ID	Length	Top Thread	Manufacturer		Description				
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF							
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL						
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL						
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL						
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL		MONEL				
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL						
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL						
Steerable Motor	1	9.620	3.000	36.26	NC56	TOTAL						
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA						
						Total Length		1,298.84 ft		Total Weight		0



DAILY DRILLING PARTNER REPORT
UTL 4546A-21-12H

Report Date: 03/14/2020

Report No: 4

DAILY HSE INFO NUMBERS:

NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 15

UNSAFE BBS CARDS- 14

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/15/2020

Report No: 5

Estimated Rig Move/Skid: 03/21/2020

End of Report MD/TVD:	6611 /6573 ft	API No:	4249534473	Rig Name:	ICD 319	AFE Category 1:	\$ 0.00
Daily Footage:	1895 ft	Property No:	10489J	Area:	TEXAS - WINKLER		
Rig Datum:	Rig #1 @ 2,789.00 ft	Latitude:	31.67233386	Event:	INTERMEDIATE	Cumulative Cost:	\$ 356,425.45
Ground Elev:	2,764.00 ft	Longitude:	-103.21730332	AFE Number:		Total Well Cost:	\$668,417.73

Current Operation (6:00 AM): DRILLING 12-1/4 INTERMEDIATE AT A DEPTH OF 6,836 WITH 8.9 PPG PINK MUD

24-Hr Summary: ROT F/4716-4781 WOB-55 GPM-850 SPP-3600 DIFF-950 RPM-50 TQ-18 SLIDE F/4781-4822 WOB-40 GPM-825 SPP-3160 DIFF-550 TF-30R ROT F/4822-4886 WOB-60 GPM-850 RPM-60 SPP-3650 DIFF-950 TQ-19 SLIDE F/4886-4914 WOB-38 GPM-850 SPP-3150 DIFF-550 ROT F/4914-4980 WOB-62 RPM-60 DIFF-950 TQ-20 SPP-3700 GPM-80 SLIDE F/4980-5010 WOB-24 GPM-850 SPP-3100 DIFF-500 ROT F/5010-5074 WOB-64 GPM-850 SPP-3700 DIFF-950 RPM-60 TQ-20 SLIDE F/5074 T/5104' WOB-24 GPM-850 SPP-2500 DIFF-500 ROT F/5104' T/5169' WOB-64 GPM-850 SPP-3700 DIFF-950 RPM-60 TQ-20 SLIDE F/5169' T/5194' WOB-20 GPM-736 SPP-2500 DIFF-250 ROT F/5194' T/5268' WOB-35 GPM-850 SPP-3700 DIFF-700 RPM-50 TQ-12-20 SLIDE F/5268' T/5285' WOB-18 GPM-736 SPP-2250 DIFF-150 ROT F/5285' T/5841' WOB-32 GPM-850 SPP-3350 DIFF-650 RPM-50 TQ-10-18 SLIDE F/5841' T/5859' WOB-15 GPM-736 SPP-2300 DIFF-150 ROT F/5859' T/5933' WOB-40 GPM-850 SPP-3450 DIFF-700 RPM-50 TQ-11-18 SLIDE F/5933' T/5953' WOB-15 GPM-736 SPP-2300 DIFF-150 ROT F/5953' T/6008" WOB-25 GPM-850 SPP-3250 DIFF-550 RPM-50 TQ-10-16 CIRCULATE BOTTOMS UP W/850 GPM, 50 RPM, RECIPROCATING 90' PRIOR TO DRILLING AHEAD INTO THE POSSIBLE LOST ZONES. ROT F/6008' T/6023' WOB-25 GPM-850 SPP-3250

24-Hr Forecast: CONTINUE DRILLING 12-1/4 INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	1:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4716-4781 WOB-55 GPM-850 SPP-3600 DIFF-950 RPM-50 TQ-18	4716	4781
1:00	2:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4781-4822 WOB-40 GPM-825 SPP-3160 DIFF-550 TF-30R	4781	4822
2:00	2:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4822-4886 WOB-60 GPM-850 RPM-60 SPP-3650 DIFF-950 TQ-19	4822	4886
2:30	3:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4886-4914 WOB-38 GPM-850 SPP-3150 DIFF-550	4886	4914
3:00	3:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4914-4980 WOB-62 RPM-60 DIFF-950 TQ-20 SPP-3700 GPM-80	4914	4980
3:30	4:30	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4980-5010 WOB-24 GPM-850 SPP-3100 DIFF-500	4980	5010
4:30	5:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5010-5074 WOB-64 GPM-850 SPP-3700 DIFF-950 RPM-60 TQ-20	5010	5074
5:00	5:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/5074 T/5104' WOB-24 GPM-850 SPP-2500 DIFF-500	5074	5104
5:30	6:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5104' T/5169' WOB-64 GPM-850 SPP-3700 DIFF-950 RPM-60 TQ-20	5104	5169
6:00	7:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/5169' T/5194' WOB-20 GPM-736 SPP-2500 DIFF-250	5169	5194
7:00	7:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5194' T/5268' WOB-35 GPM-850 SPP-3700 DIFF-700 RPM-50 TQ-12-20	5194	5268
7:30	8:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/5268' T/5285' WOB-18 GPM-736 SPP-2250 DIFF-150	5268	5268
8:00	11:30	3.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5285' T/5841' WOB-32 GPM-850 SPP-3350 DIFF-650 RPM-50 TQ-10-18	5268	5841
11:30	12:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/5841' T/5859' WOB-15 GPM-736 SPP-2300 DIFF-150	5841	5859
12:00	13:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5859' T/5933' WOB-40 GPM-850 SPP-3450 DIFF-700 RPM-50 TQ-11-18	5859	5933
13:00	14:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/5933' T/5953' WOB-15 GPM-736 SPP-2300 DIFF-150	5933	5953
14:00	14:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5953' T/6008" WOB-25 GPM-850 SPP-3250 DIFF-550 RPM-50 TQ-10-16	5953	6008
14:30	15:00	0.50	DINT1	CIRCULATE	CIRCULATE HOLE CLEAN	P	CIRCULATE BOTTOMS UP W/850 GPM, 50 RPM, RECIPROCATING 90' PRIOR TO DRILLING AHEAD INTO THE POSSIBLE LOST ZONES.	6008	6008



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/15/2020

Report No: 5

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
15:00	15:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/6008' T/6023' WOB-25 GPM-850 SPP-3250 DIFF-500 RPM-50 TQ-11-14	6008	6008
15:30	16:30	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/6023' T/6041' WOB-25 GPM-736 SPP-2350 DIFF-200	6008	6041
16:30	19:30	3.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/6041-6400 WOB-35 GPM-850 SPP-3600 DIFF-800 RPM-60 TQ-18	6041	6400
19:30	20:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/6400-6423 WOB-30 GPM-725 SPP-2375 DIFF-250 TF-160R	6400	6423
20:00	21:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/6423-6495 WO-35 GPM-850 SPP-3600 RPM-60 DIFF-800 TQ-18	6423	6495
21:00	21:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/6495-6511 WOB-20 GPM-715 SPP-2300 DIFF-150	6495	6511
21:30	22:00	0.50	DINT1	WELL CONTROL	WELL CONTROL	P	PERFORM FLOW CHECK DUE TO DILUTION RATE TO MAINTAIN 8.9 MW	6511	6511
22:00	23:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/6511-6590 WOB-32 GPM-850 SPP-3500 DIFF-750 RPM-60 TQ-18	6511	6590
23:00	0:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/6590-6611 WOB-25 GPM-600 SPP2100 DIFF-400 TF-160R	6590	6611

Total Time 24.00

CONTACTS			SURVEY DATA (LAST 7)							
WSM	BRETT STRONG	970-201-4700	MD	Incl	Azi	TVD	N/S	E/W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	5,945.0	8.44	292.39	5,912.4	174.5	-430.3	163.3	0.84
SR. Superintendent	JOEY SIMS	432-250-4182	6,039.0	7.57	290.80	6,005.5	179.3	-442.4	167.8	0.95
Field Superintendent	CHAD MILLER	307-333-3907	6,134.0	7.30	290.30	6,099.7	183.7	-453.9	171.8	0.29
Drilling Engineer	TANNER PALMER	512-220-6180	6,229.0	7.35	289.97	6,193.9	187.8	-465.3	175.7	0.07
Geologist	JAMES DURNAN	737-704-2321	6,324.0	7.28	290.07	6,288.2	192.0	-476.7	179.6	0.07
Rig Manager	HUBERT SEALS	713-205-2575	6,419.0	7.07	290.47	6,382.4	196.1	-487.8	183.4	0.23
Drilling Tech	PHILLIP ALLEN	512-220-6180	6,513.0	7.00	290.54	6,475.7	174.5	-498.6	187.1	0.08

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
									Next BOP Test	4/1/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Last BOP Function Test	3/12/2020
00	SURFACE	17.500	132	670					Last BOP Drill	
00	INTERMEDIATE 1	12.250	670						Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1- 1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670	1571	1-1-PN-A	0- I-NO-PP
2	12.250	SPL616	ULTERRA	49080	0.91	8.00	1571		---	---

**DAILY DRILLING PARTNER REPORT****UTL 4546A-21-12H**

Report Date: 03/15/2020

Report No: 5

BIT OPERATIONS

Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
2	4,781.00	RT	65.00	65.0	50.0/ 60.0	50/ 60	627.9	3183	97.9
2	4,822.00	SL	41.00	41.0	35.0/ 45.0	0/ 0	627.9	3224	96.2
2	4,886.00	RT	64.00	128.0	50.0/ 60.0	50/ 60	627.9	3288	96.7
2	4,914.00	SL	28.00	56.0	30.0/ 40.0	0/ 0	627.9	3316	96.1
2	4,980.00	RT	66.00	132.0	50.0/ 60.0	50/ 60	627.9	3382	96.6
2	5,010.00	SL	30.00	30.0	20.0/ 30.0	0/ 0	627.9	3412	94.8
2	5,074.00	RT	64.00	128.0	60.0/ 65.0	50/ 60	627.9	3476	95.2
2	5,104.00	SL	30.00	60.0	15.0/ 25.0	0/ 0	627.9	3506	94.8
2	5,169.00	RT	65.00	130.0	20.0/ 42.0	60/ 60	627.9	3571	95.2
2	5,194.00	SL	25.00	25.0	15.0/ 20.0	0/ 0	627.9	3596	93.4
2	5,268.00	RT	74.00	148.0	25.0/ 35.0	30/ 50	627.9	3670	94.1
2	5,285.00	SL	17.00	34.0	18.0/ 20.0	0/ 0	627.9	3687	93.3
2	5,841.00	RT	556.00	158.9	25.0/ 32.0	60/ 70	627.9	4243	98.7
2	5,859.00	SL	18.00	36.0	10.0/ 15.0	0/ 0	627.9	4261	98.0
2	5,933.00	RT	74.00	74.0	30.0/ 40.0	70/ 70	627.9	4335	97.4
2	5,953.00	SL	20.00	20.0	15.0/ 25.0	0/ 0	627.9	4355	95.7
2	6,008.00	RT	55.00	110.0	20.0/ 25.0	50/ 50	627.9	4410	95.9
2	6,023.00	SL	18.00	18.0	15.0/ 25.0	0/ 0	627.9	4428	94.2
2	6,041.00	SL	18.00	18.0	25.0/ 35.0	0/ 0	627.9	4446	92.6
2	6,400.00	RT	359.00	119.7	30.0/ 40.0	50/ 65	627.9	4805	94.2
2	6,423.00	SL	23.00	46.0	30.0/ 40.0	0/ 0	627.9	4828	93.7
2	6,495.00	RT	72.00	144.0	35.0/ 45.0	50/ 60	627.9	4900	94.2
2	6,511.00	SL	16.00	32.0	20.0/ 30.0	0/ 0	627.9	4916	93.6
2	6,590.00	RT	79.00	79.0	30.0/ 40.0	50/ 60	627.9	4995	93.4
2	6,611.00	SL	21.00	21.0	25.0/ 35.0	0/ 0	627.9	5016	92.0

BHA

BHA#: 2		Bit#: 2		BHA Name: INTERMEDIATE			MD In: 1571 ft		MD Out:		
Component	Qty	OD	ID	Length	Top Thread	Manufacturer		Description			
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF						
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL					
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL					
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL					
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL		MONEL			
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL					
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL					
Steerable Motor	1	9.620	3.000	36.26	NC56	TOTAL					
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA					
						Total Length		1,298.84 ft		Total Weight	0



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/15/2020

Report No: 5

MUD DATA (STELLAR OILFIELD RENTALS, LLC)				TORQUE & DRAG			
Engineer:	CHRIS WRIGHT	Sand (%):	0.05	MD:	6611 ft	PU Wt:	240.0 kip
Sample From:	IN	LGS (%):	9.32	TVD:	6573 ft	SO Wt:	190.0 kip
Mud Type:	Water	MBT (lbm/bbl):		Max Overpull:	240.0 kip	Off Btm Rot Wt:	220.0 kip
Time/ MD (ft):	04:00 / 6036	pH:	9.00	Actual Hook Load:	220.0 kip	Drag:	20.0 kip
Density (ppg) @ Temp:	8.90 / 96.00	Pm/ Pom (cc):	0.04 /	Torque Off Btm:	3.0 ft-lbf		
Rheology Temp (°F):	150.00	Pf/ Mf (cc):	0.01 /0.03	Torque On Btm:	19.0 ft-lbf		
Viscosity (s/qt):	50.00	Chlorides (ppm):	145,000				
PV/ YP (cp):	1.00 / 4.000	CaCl2 (%):	N/A				
6/ 3 RPM:	2.00 / 1.00	Total Hardness (ppm):	1750				
Gels 10s/10m/30m:	1.00 /1.00 /1.00	Lime (lbm/bbl):					
API WL (cc/30min):	14.0	ES:					
HTHP WL (cc/30min):	0.0	ECD:	9.04				
Cake API/ HTHP (32nd"):2.0 /0.0		H2O Added (bbl):					
Solid/ Sol Corr (%):		Oil Added (bbl):					
Oil/ Water % (%):							

MUD PUMPS										
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)		
1	NATIONAL	12-P-160	95.00	3,700.00	102.00	6.000	427.0	4.186		
1	NATIONAL	12-P-160	95.00	3,700.00	98.00	6.000	410.2	4.186		
1	NATIONAL	12-P-160	95.00	2,300.00	88.00	6.000	368.4	4.186		
1	NATIONAL	12-P-160	95.00	3,700.00	85.00	6.000	355.8	4.186		
1	NATIONAL	12-P-160	95.00	3,300.00	102.00	6.000	427.0	4.186		
1	NATIONAL	12-P-160	95.00	3,300.00	99.00	6.000	414.4	4.186		
1	NATIONAL	12-P-160	95.00	2,100.00	78.00	6.000	326.5	4.186		
1	NATIONAL	12-P-160	95.00	2,100.00	72.00	6.000	301.4	4.186		
									Total	-6,659.00

PERSONNEL				BULK CONSUMPTION			
Company Name	Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance
PDC LOGIC	11	132.00	DIESEL	7,877.00	6,000.00	2,842.00	11,035.00
RUSCO OPERATING LLC	2	24.00	OBM DIESEL	5,040.00	15,608.00	19,178.00	1,470.00
STELLAR DRILLING FLUIDS LLC	1	12.00					
TOTAL DIRECTIONAL SERVICES, LLC	4	48.00					
	Total	18	216.00			Total	22,020.00

INCIDENT REPORT	
Safety Incident? N	Incident Comments
Incident Type	
Days Since Last RI	
Days Since Last LTI	

COMMENTS

START DATE: 03/11/2020 AT 17:00
NPT DAY: 0.0 HRS / NPT TOTAL FOR THE WELL: 18 HRS
NPT ICD 319 / DAY: 0.0 HRS
NPT ICD 319 / WELL: 12.0 HRS
NPT THIRD PARTY / DAY: 0.0 HRS
NPT THIRD PARTY / WELL: 6.0 HRS

NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020
NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020
NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPTS:
NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB:

SURFACE TD: 670'- 3/11/2020 AT 03:00
SURFACE RELEASE: 3/11/2020 AT 17:00
INTERMEDIATE TD:
INT. RELEASE:
KOP:
EOC:
TD:
RIG RELEASE:



DAILY DRILLING PARTNER REPORT
UTL 4546A-21-12H

Report Date: 03/15/2020

Report No: 5

DAILY HSE INFO NUMBERS:

NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 15

UNSAFE BBS CARDS- 12

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/16/2020

Report No: 6

Estimated Rig Move/Skid: 03/21/2020

End of Report MD/TVD: 7149 /7109 ft API No: 4249534473 Rig Name: ICD 319 AFE Category 1: \$ 0.00
Daily Footage: 538 ft Property No: 10489J Area: TEXAS - WINKLER
Rig Datum: Rig #1 @ 2,789.00 ft Latitude: 31.67233386 Event: INTERMEDIATE Cumulative Cost: \$ 466,497.46
Ground Elev: 2,764.00 ft Longitude: -103.21730332 AFE Number: Total Well Cost: \$778,489.74

Current Operation (6:00 AM): DRILLING 12-1/4 INTERMEDIATE AT A DEPTH OF 7,221' HOLDING 150 PSI ON BACKSIDE WITH 8.9 PPG PINK MUD

24-Hr Summary: DRILLED F/6,611' T/6,858', PERFORMED RIG SERVICE, CHANGED OUT SWAB ON PUMP #2, DRILLED F/6,858'-T/6,974', PERFORMED FLOW CHECK, DRILL F/6,974'-T/6,997', CLEANED OUT LINES FROM DRILLING CHOKE DUE TO BEING PACKED OFF, DRILLED F/6,997'-T/7,149'

24-Hr Forecast: CONTINUE DRILLING 12-1/4 INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	5:30	5.50	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMEDIATE F/6611-6858 ROT: 160' SLIDE: 87' WOB 20-35 GPM 700-850 RPM 60-70 DIFF 100-500 SPP 2200-3500 TQ 15-18 MW 8.9/ VIS 44 FORMATION CHERRY CANYON LAST SURVEY: 6795 INC-5.92 AZM-284.54 TVD-6755.85 9A/ 11R	6611	6858
5:30	6:00	0.50	DINT1	RIG REPAIR / MAINTENANCE	SERVICE RIG (AS PER CONTRACT, LESS THAN 2 HRS PER DAY)	P	RIG SERVICE TOP DRIVE, DRAWWORKS, BLOCKS	6858	6858
6:00	6:30	0.50	DINT1	RIG REPAIR / MAINTENANCE	SERVICE RIG (AS PER CONTRACT, LESS THAN 2 HRS PER DAY)	P	CIRCULATE WHILE CHANGING OUT SWAB ON MP#2	6858	6858
6:30	13:00	6.50	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMEDIATE F/6858-6974 ROT: 53' SLIDE: 63' WOB 20-35 GPM 700-850 RPM 60-70 DIFF 100-500 SPP 2200-3500 TQ 15-18 MW 8.9/ VIS 38 FORMATION CHERRY CANYON LAST SURVEY: 6889 INC-5.42 AZM-285.44 TVD-6849.39 12A/ 11R	6858	6974
13:00	13:30	0.50	DINT1	WELL CONTROL	WELL CONTROL	P	PERFORM FLOW CHECK DUE TO 8 BBL GAIN, DECISION MADE TO DRILL THROUGH THE CHOKE	6974	6974
13:30	16:00	2.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/6974-6997 WOB-25 GPM-711 SPP-2170 DIFF-120	6974	6997
16:00	18:00	2.00	DINT1	RIG REPAIR / MAINTENANCE	THIRD PARTY EQUIPMENT REPAIRS	U	WORKED ON PACKED OFF LINES ON DRILLING CHOKE. REMOVED HOSES AND FOUND LINES PACKED OFF WITH CUTTINGS. CLEANED LINES AND RIGGED BACK UP TO CHOKE	6997	6997
18:00	0:00	6.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMEDIATE F/6997-7149 ROT: 93' SLIDE: 53' WOB 20-35 GPM 650-750 RPM 40-55 DIFF 100-500 SPP 2200-3300 TQ 15-18 MW 9.0/ VIS 38 FORMATION CHERRY CANYON LAST SURVEY: 6889 INC-5.42 AZM-285.44 TVD-6849.39 12A/ 11R	6997	7149

Total Time 24.00

CONTACTS

			SURVEY DATA (LAST 7)							
WSM	BRETT STRONG	970-201-4700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	6,513.0	7.00	290.54	6,475.7	200.1	-498.6	187.1	0.08
SR. Superintendent	JOEY SIMS	432-250-4182	6,607.0	6.84	289.87	6,569.0	204.0	-509.2	190.8	0.19
Field Superintendent	CHAD MILLER	307-333-3907	6,701.0	6.32	286.45	6,662.4	207.4	-519.5	193.9	0.69
Drilling Engineer	TANNER PALMER	512-220-6180	6,795.0	5.92	284.54	6,755.9	210.1	-529.1	196.3	0.48
Geologist	JAMES DURNAN	737-704-2321	6,889.0	5.42	285.44	6,849.4	212.5	-538.1	198.5	0.54
Rig Manager	HUBERT SEALS	713-205-2575	6,983.0	4.33	283.93	6,943.1	214.5	-545.8	200.3	1.17
Drilling Tech	PHILLIP ALLEN	512-220-6180	7,077.0	3.78	287.48	7,036.8	200.1	-552.2	201.9	0.64

**DAILY DRILLING PARTNER REPORT****UTL 4546A-21-12H**

Report Date: 03/16/2020

Report No: 6

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Next BOP Test	4/1/2020
00	SURFACE	17.500	132	670					Last BOP Function Test	3/12/2020
00	INTERMEDIATE 1	12.250	670						Last BOP Drill	
									Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1- 1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670	1571	1-1-PN-A	0- I-NO-PP
2	12.250	SPL616	ULTERRA	49080	0.91	8.00	1571		---	---

BIT OPERATIONS										
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP	
2	6,670.00	RT	59.00	118.0	35.0/ 45.0	50/ 60	611.2	5075	92.3	
2	6,700.00	SL	30.00	30.0	20.0/ 30.0	0/ 0	611.2	5105	91.2	
2	6,765.00	RT	65.00	130.0	30.0/ 40.0	50/ 60	611.2	5170	91.5	
2	6,801.00	SL	36.00	18.0	20.0/ 30.0	0/ 0	611.2	5206	89.0	
2	6,815.00	RT	14.00	28.0	30.0/ 40.0	50/ 60	611.2	5220	88.5	
2	6,836.00	SL	21.00	42.0	20.0/ 30.0	0/ 0	611.2	5241	88.1	
2	6,858.00	RT	22.00	44.0	30.0/ 40.0	50/ 60	611.2	5263	87.7	
2	6,898.00	SL	40.00	13.3	15.0/ 25.0	0/ 0	611.2	5303	84.2	
2	6,921.00	RT	23.00	46.0	25.0/ 35.0	60/ 70	611.2	5326	83.9	
2	6,938.00	SL	17.00	11.3	20.0/ 30.0	0/ 0	611.2	5343	82.2	
2	6,968.00	RT	30.00	60.0	25.0/ 35.0	50/ 60	611.2	5373	82.0	
2	6,974.00	SL	6.00	6.0	20.0/ 30.0	0/ 0	611.2	5379	80.9	
2	6,997.00	SL	23.00	9.2	20.0/ 30.0	0/ 0	611.2	5402	78.3	
2	7,010.00	SL	13.00	13.0	20.0/ 30.0	0/ 0	611.2	5415	77.4	
2	7,025.00	RT	15.00	30.0	30.0/ 35.0	45/ 55	611.2	5430	77.0	
2	7,040.00	SL	15.00	15.0	20.0/ 30.0	0/ 0	611.2	5445	76.2	
2	7,060.00	RT	20.00	40.0	30.0/ 35.0	45/ 55	611.2	5465	75.9	
2	7,082.00	SL	22.00	14.7	25.0/ 35.0	0/ 0	611.2	5487	74.7	
2	7,140.00	RT	58.00	116.0	30.0/ 35.0	40/ 50	611.2	5545	74.9	
2	7,149.00	SL	9.00	9.0	20.0/ 30.0	0/ 0	611.2	5554	74.1	

BHA											
BHA#: 2		Bit#: 2		BHA Name: INTERMEDIATE				MD In: 1571 ft		MD Out:	
Component	Qty	OD	ID	Length	Top Thread	Manufacturer		Description			
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF						
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL					
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL					
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL					
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL		MONEL			
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL					
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL					
Steerable Motor	1	9.620	3.000	36.26	NC56	TOTAL					
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA					
						Total Length		1,298.84 ft		Total Weight	0

DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/16/2020

Report No: 6

MUD DATA (STELLAR OILFIELD RENTALS, LLC)				TORQUE & DRAG					
Engineer:	CHRIS WRIGHT	Sand (%):	0.05	MD:	7149	ft	PU Wt:	250.0	kip
Sample From:	IN	LGS (%):	6.89	TVD:	7109	ft	SO Wt:	200.0	kip
Mud Type:	Water	MBT (lbm/bbl):		Max Overpull:	255.0	kip	Off Btm Rot Wt:	230.0	kip
Time/ MD (ft):	04:00 / 6997	pH:	9.50	Actual Hook Load:	230.0	kip	Drag:	20.0	kip
Density (ppg) @ Temp:	8.90 / 98.00	Pm/ Pom (cc):	0.32 /	Torque Off Btm:	4.0	ft-lbf			
Rheology Temp (°F):	150.00	Pf/ Mf (cc):	0.12 /0.34	Torque On Btm:	18.0	ft-lbf			
Viscosity (s/qt):	39.00	Chlorides (ppm):	184,000	NPT					
PV/ YP (cp):	8.00 / 4.000	CaCl2 (%):	N/A	Responsible Party				Hours	Accum. Hours
6/ 3 RPM:	2.00 / 1.00	Total Hardness (ppm):	2000						-6,666.00
Gels 10s/10m/30m:	3.00 /5.00 /7.00	Lime (lbm/bbl):		HELMERICH & PAYNE INTERNATIONAL DRILLING CO. DEPARTMENT					2.00
API WL (cc/30min):	50.0	ES:		PARSLEY ENERGY OPERATIONS				2.00	2.00
HTHP WL (cc/30min):	0.0	ECD:	9.09	TOTAL ENERGY SERVICES, LLC					5.00
Cake API/ HTHP (32nd"):2.0 /0.0		H2O Added (bbl):							
Solid/ Sol Corr (%):		Oil Added (bbl):							
Oil/ Water % (%):									

MUD PUMPS

Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)			
1	NATIONAL	12-P-160	95.00	3,100.00	100.00	6.000	418.6	4.186			
1	NATIONAL	12-P-160	95.00	3,100.00	98.00	6.000	410.2	4.186		Total	-6,657.00
1	NATIONAL	12-P-160	95.00	2,627.00	99.00	6.000	414.4	4.186			
1	NATIONAL	12-P-160	95.00	2,627.00	98.00	6.000	410.2	4.186			
1	NATIONAL	12-P-160	95.00	2,450.00	100.00	6.000	418.6	4.186			
1	NATIONAL	12-P-160	95.00	2,450.00	86.00	6.000	360.0	4.186			
1	NATIONAL	12-P-160	95.00	2,650.00	74.00	6.000	309.8	4.186			
1	NATIONAL	12-P-160	95.00	2,650.00	72.00	6.000	301.4	4.186			

PERSONNEL

BULK CONSUMPTION

Company Name		Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance
PDC LOGIC		11	132.00	DIESEL	11,035.00	6,006.00	2,251.00	14,790.00
RUSCO OPERATING LLC		2	24.00	OBM DIESEL	1,470.00	15,206.00	7,016.00	9,660.00
STELLAR DRILLING FLUIDS LLC		1	12.00					
TOTAL DIRECTIONAL SERVICES, LLC		4	48.00					
	Total	18	216.00				Total	9,267.00

INCIDENT REPORT

Safety Incident?	N	Incident Comments
Incident Type		
Days Since Last RI		
Days Since Last LTI		

COMMENTS

START DATE: 03/11/2020 AT 17:00

NPT DAY: 0.0 HRS / NPT TOTAL FOR THE WELL: 18 HRS

NPT ICD 319 / DAY: 0.0 HRS

NPT ICD 319 / WELL: 12.0 HRS

NPT THIRD PARTY / DAY: 0.0 HRS

NPT THIRD PARTY / WELL: 6.0 HRS

NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020

NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020

NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPTS:

NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB:

SURFACE TD: 670'- 3/11/2020 AT 03:00

SURFACE RELEASE: 3/11/2020 AT 17:00

INTERMEDIATE TD:

INT. RELEASE:

KOP:

EOC:

TD:

RIG RELEASE:



DAILY DRILLING PARTNER REPORT
UTL 4546A-21-12H

Report Date: 03/16/2020

Report No: 6

DAILY HSE INFO NUMBERS:

NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 12

UNSAFE BBS CARDS- 13

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/17/2020

Report No: 7

Estimated Rig Move/Skid: 03/22/2020

End of Report MD/TVD:	7817 /7776 ft	API No:	4249534473	Rig Name:	ICD 319	AFE Category 1:	\$ 0.00
Daily Footage:	668 ft	Property No:	10489J	Area:	TEXAS - WINKLER		
Rig Datum:	Rig #1 @ 2,789.00 ft	Latitude:	31.67233386	Event:	INTERMEDIATE	Cumulative Cost:	\$ 525,095.02
Ground Elev:	2,764.00 ft	Longitude:	-103.21730332	AFE Number:		Total Well Cost:	\$837,087.30

Current Operation (6:00 AM):	LAYING DOWN 12-1/4" BHA TO PICK UP 9-7/8 BHA AND RESUME DRILLING INTERMEDIATE INTERVAL
24-Hr Summary:	DRILLED F/7,149' T/7,817', CIRCULATE 2.5 BOTTOMS UP TO POOH AND CHANGE OUT BIT/ BHA
24-Hr Forecast:	FINISH POOH, L/D 3-8" DC AND TOOLS, PICK UP 9-7/8 BIT/ BHA, TIH, RESUME DRILLING INTERMEDIATE INTERVAL

OPERATIONS										
From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)	
0:00	6:00	6.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMDIATE F/6997'- T/7149' ROT: 10' SLIDE: 75' WOB 20-30 GPM 650-750 RPM 40-50 DIFF 150-400 SPP 2200-3300 TQ 15-18	7149	7234	
6:00	12:00	6.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMDIATE F/7,149 ' T/7,454'. ROT: 199' SLIDE: 21' WOB 20-45 GPM 650-750 RPM 40-50 DIFF 150-400 SPP 2200-3300 TQ 15-18	7234	7454	
12:00	18:00	6.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMDIATE F/7,454' T/7,692 ROT: 217' SLIDE: 21' WOB 20-45 GPM 600-750 RPM 40-50 DIFF 150-400 SPP 2200-3200 TQ 15-18	7454	7692	
18:00	21:00	3.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMDIATE F/7,692' T/7,817 ROT: 119' SLIDE: 6' WOB 20-45 GPM 600-750 RPM 40-50 DIFF 150-400 SPP 2200-3200 TQ 15-18	7692	7817	
21:00	23:30	2.50	DINT1	CIRCULATE	CIRCULATE HOLE CLEAN	U	CIRCULATE 2.5 BOTTOMS UP TO POOH AND CHANGE BIT/MOTOR	7817	7817	
23:30	0:00	0.50	DINT1	TRIPPING	TRIPPING OUT OF HOLE (NOT INCLUDING BHA)	U	STRIP OUT OF THE HOLE F/7817-6863	7817	7817	
Total Time		24.00								

CONTACTS				SURVEY DATA (LAST 7)						
WSM	BRETT STRONG	970-201-4700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	7,171.0	3.47	291.44	7,130.6	218.3	-557.8	203.7	0.42
SR. Superintendent	JOEY SIMS	432-250-4182	7,265.0	3.10	286.10	7,224.5	220.0	-562.9	205.3	0.51



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/17/2020

Report No: 7

Field Superintendent	CHAD MILLER	307-333-3907	7,359.0	3.14	286.16	7,318.3	221.4	-567.8	206.6	0.04
Drilling Engineer	TANNER PALMER	512-220-6180	7,454.0	3.00	282.02	7,413.2	222.7	-572.7	207.8	0.28
Geologist	JAMES DURNAN	737-704-2321	7,548.0	2.92	280.05	7,507.1	223.6	-577.5	208.6	0.14
Rig Manager	HUBERT SEALS	713-205-2575	7,643.0	3.07	276.77	7,601.9	224.3	-582.4	209.2	0.24
Drilling Tech	PHILLIP ALLEN	512-220-6180	7,738.0	3.28	279.90	7,696.8	218.3	-587.6	209.8	0.29

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
									Next BOP Test	4/1/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Last BOP Function Test	3/12/2020
00	SURFACE	17.500	132	670					Last BOP Drill	
00	INTERMEDIATE 1	12.250	670	7817					Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1-1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670	1571	1-1-PN-A	0-1-NO-PP
2	12.250	SPL616	ULTERRA	49080	0.91	8.00	1571	7817	---	---

BIT OPERATIONS										
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP	
2	7,234.00	SL	85.00	14.2	25.0/ 35.0	0/ 0	736.7	5639	69.6	
2	7,241.00	SL	7.00	7.0	22.0/ 30.0	0/ 0	736.7	5646	68.9	
2	7,440.00	RT	199.00	66.3	35.0/ 45.0	45/ 50	736.7	5845	68.8	
2	7,467.00	SL	27.00	9.0	25.0/ 35.0	0/ 0	736.7	5872	66.7	
2	7,483.00	RT	16.00	32.0	30.0/ 40.0	45/ 50	736.7	5888	66.5	
2	7,491.00	SL	8.00	5.3	20.0/ 30.0	0/ 0	736.7	5896	65.5	
2	7,692.00	RT	201.00	67.0	50.0/ 60.0	50/ 60	736.7	6097	65.6	
2	7,811.00	RT	119.00	47.6	45.0/ 55.0	45/ 50	736.7	6216	65.1	
2	7,817.00	SL	6.00	12.0	20.0/ 30.0	0/ 0	736.7	6222	64.8	

BHA										
BHA#:	2	Bit#:	2	BHA Name: INTERMEDIATE				MD In:	1571 ft	MD Out: 7817 ft
Component	Qty	OD	ID	Length	Top Thread	Manufacturer	Description			
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF					
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL				
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL				
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL				
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL	MONEL			
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL				
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL				
Steerable Motor	1	9.620	3.000	36.26	NC56	TOTAL				
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA				
							Total Length	1,298.84 ft	Total Weight	0



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date: 03/17/2020

Report No: 7

MUD DATA (STELLAR OILFIELD RENTALS, LLC)					TORQUE & DRAG					
Engineer:	CHRIS WRIGHT	Sand (%):	0.05	MD:	PU Wt:					
Sample From:	IN	LGS (%):	8.79	TVD:	SO Wt:					
Mud Type:	Oil	MBT (lbm/bbl):	N/A	Max Overpull:	Off Btm Rot Wt:					
Time/ MD (ft):	04:00 / 7559	pH:	N/A	Actual Hook Load:	Drag:					
Density (ppg) @ Temp:	8.90 / 98.00	Pm/ Pom (cc):		Torque Off Btm:						
Rheology Temp (°F):	150.00	Pf/ Mf (cc):	N/A	Torque On Btm:						
Viscosity (s/qt):	40.00	Chlorides (ppm):	N/A	NPT						
PV/ YP (cp):	7.00 / 5.000	CaCl2 (%):		Responsible Party	Hours	Accum. Hours				
6/ 3 RPM:	2.00 / 1.00	Total Hardness (ppm):	N/A			-6,666.00				
Gels 10s/10m/30m:	3.00 /4.00 /6.00	Lime (lbm/bbl):	0.07	HELMERICH & PAYNE INTERNATIONAL		2.00				
API WL (cc/30min):	40.0	ES:		DRILLING CO. DEPARTMENT						
HTHP WL (cc/30min):	0.0	ECD:	9.05	PARSLEY ENERGY OPERATIONS		2.00				
Cake API/ HTHP (32nd"):2.0 /0.0		H2O Added (bbl):		TOTAL ENERGY SERVICES, LLC	0.00	5.00				
Solid/ Sol Corr (%):		Oil Added (bbl):								
Oil/ Water % (%):	44.00 /56.00									
MUD PUMPS										
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)		
1	NATIONAL	12-P-160	95.00	3,300.00	88.00	6.000	368.4	4.186		
1	NATIONAL	12-P-160	95.00	3,300.00	86.00	6.000	360.0	4.186	Total	-6,657.00
1	NATIONAL	12-P-160	95.00	3,000.00	87.00	6.000	364.2	4.186		
1	NATIONAL	12-P-160	95.00	3,000.00	87.00	6.000	364.2	4.186		
1	NATIONAL	12-P-160	95.00	2,300.00	87.00	6.000	364.2	4.186		
1	NATIONAL	12-P-160	95.00	2,300.00	89.00	6.000	372.6	4.186		
PERSONNEL					BULK CONSUMPTION					
Company Name			Qty	Man-Hrs	Material		Initial	Received	Daily Use	Daily Balance
PDC LOGIC			11	132.00	DIESEL		14,790.00		2,318.00	12,472.00
RUSCO OPERATING LLC			2	24.00	OBM DIESEL		9,660.00		2,898.00	6,762.00
STELLAR DRILLING FLUIDS LLC			1	12.00						
TOTAL DIRECTIONAL SERVICES, LLC			4	48.00						
Total			18	216.00					Total	5,216.00
INCIDENT REPORT										
Safety Incident?		N	Incident Comments							
Incident Type										
Days Since Last RI										
Days Since Last LTI										
COMMENTS										
START DATE: 03/11/2020 AT 17:00 NPT DAY: 3.0 HRS / NPT TOTAL FOR THE WELL: 23 HRS NPT ICD 319 / DAY: 0.0 HRS NPT ICD 319 / WELL: 12.0 HRS NPT THIRD PARTY / DAY: 3.0 HRS NPT THIRD PARTY / WELL: 9.0 HRS NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020 NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020 NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPTS: NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB: SURFACE TD: 670'- 3/11/2020 AT 03:00 SURFACE RELEASE: 3/11/2020 AT 17:00 INTERMEDIATE TD: INT. RELEASE: KOP: EOC: TD: RIG RELEASE: DAILY HSE INFO NUMBERS:										



DAILY DRILLING PARTNER REPORT

UTL 4546A-21-12H

Report Date:

03/17/2020

Report No:

7

NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 12

UNSAFE BBS CARDS- 13

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/10/2020

Report No: 1

Estimated Rig Move/Skid: 03/21/2020

Planned TD:	22,439 ft	API No:	4249534473	Rig Name:	ICD 209	Total Drilling AFE:	\$ 0.00
End of Report MD/TVD:	377 /377 ft	Property No:	10489J	Area:	TEXAS - WINKLER	Daily Cost:	\$ 209,962.77
Daily Footage:	245 ft	Latitude:	31.67233386	Event:	SURFACE	Cumulative Phase Cost:	\$ 209,962.77
Rig Datum:	Rig #1 @ 2,789.00 ft	Longitude:	-103.21730332	AFE Number:		Cumulative CTD:	\$209,962.77

Current Operation (6:00 AM): RIGGING UP CASING CREW TO RUN 13-3/8 SURFACE CASING

24-Hr Summary: WALK RIG FROM UTL 4546A-21-11H, CENTER RIG OVER HOLE. RIG UP A-GREENS 3RD PARTY TRASH PUMPS IN CELLAR, INSTALL MUD LINE FROM SIDE OF FESTOON SKID TO HARD LINE ON OFF DRILLERS SIDE SUB, HOOK UP JERONIMO AND DERRICK ASSIST CABLES, WALK CATWALK UNDER V-DOOR AND CENTER UP, INSTALL MOUSEHOLE, PLUG IN POWER CABLE FROM CATWALK TO RIG FLOOR PODIUM, INSTALL CELLAR COVERS, MAKE UP CIRCULATING SWAGE AND CIRCULATING HOSE ON UTL 11-H CASING PUP JOINT FROM FIG FLOOR STANDPIPE FOR OFF LINE CEMENTING. (CIRCULATED AND TESTED LINES, GOOD RETURNS.) CLEAN OUT MP2 SUCTION AND DISCHARGE SCREEN, RIG DOWN CASING ELEVATORS, BAILS EXTENSIONS AND RIG UP RIG ELEVATORS, LATCH UP STAND OF 8" DC'S AND LAY DOWN BOTTOM 8" DC DUE TO BAD THREADS ON PIN. HPJSM, P/U DIR BHA OUT OF DERRICK, RIH, TAG UP AT 132'. DRILL 17.5" HOLE F/ 132' - 200', (68' @ 70 FT/HR) WOB 7-10K, GPM 450, SPP 450 PSI, DIFF 100 PSI, SURFACE RPM- 30, BIT RPM 72, TORQUE 4.5K. RACK BACK STAND OF 5" DP, LATCH STAND OF 8" DC, WHILE RUNNING IN LAST JOINT OF 8" TAGGED UP 10 FT OFF BOTTOM. LAY DOWN ONE 8", LATCH UP STAND OF 5" HWDP. DRILL 17.5" HOLE F/ 200' - 270' (70' @ 88 FT/HR) WOB 18K, GPM 710, SPP 750 PSI, DIFF 250 PSI, SURFACE RPM 50, BIT

24-Hr Forecast: RUN SURFACE CASING, CEMENT, NIPPLE UP BOP'S, TEST BOP'S, MAKE UP 1ST INT BHA, TIH, TEST CASING, OFF LINE CEMENT UTL 11H, NIPPLE

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
14:00	15:00	1.00	MOBDE	RIG MOB / DEMOB	RIG SKIDDING	P	WALK RIG FROM UTL 4546A-21-11H, CENTER RIG OVER HOLE.	132	132
15:00	17:30	2.50	MOBDE	RIG MOB / DEMOB	MOVE AND RIG-UP	P	RIG UP A-GREENS 3RD PARTY TRASH PUMPS IN CELLAR, INSTALL MUD LINE FROM SIDE OF FESTOON SKID TO HARD LINE ON OFF DRILLERS SIDE SUB, HOOK UP JERONIMO AND DERRICK ASSIST CABLES, WALK CATWALK UNDER V-DOOR AND CENTER UP, INSTALL MOUSEHOLE, PLUG IN POWER CABLE FROM CATWALK TO RIG FLOOR PODIUM, INSTALL CELLAR COVERS, MAKE UP CIRCULATING SWAGE AND CIRCULATING HOSE ON UTL 11-H CASING PUP JOINT FROM FIG FLOOR STANDPIPE FOR OFF LINE CEMENTING. (CIRCULATED AND TESTED LINES, GOOD RETURNS.) CLEAN OUT MP2 SUCTION AND DISCHARGE SCREEN, RIG DOWN CASING ELEVATORS, BAILS EXTENSIONS AND RIG UP RIG ELEVATORS, LATCH UP STAND OF 8" DC'S AND LAY DOWN BOTTOM 8" DC DUE TO BAD THREADS ON PIN.	132	132
17:30	20:00	2.50	DSURF	TRIPPING	M/U BHA	P	HPJSM, P/U DIR BHA OUT OF DERRICK, RIH, TAG UP AT 132'.	132	132
20:00	20:30	0.50	DSURF	DRILLING	DRILLING NEW HOLE	P	DRILL 17.5" HOLE F/ 132' - 200', (68' @ 70 FT/HR) WOB 7-10K, GPM 450, SPP 450 PSI, DIFF 100 PSI, SURFACE RPM- 30, BIT RPM 72, TORQUE 4.5K.	132	200
20:30	21:30	1.00	DSURF	TRIPPING	M/U BHA	P	RACK BACK STAND OF 5" DP, LATCH STAND OF 8" DC, WHILE RUNNING IN LAST JOINT OF 8" TAGGED UP 10 FT OFF BOTTOM. LAY DOWN ONE 8", LATCH UP STAND OF 5" HWDP.	200	200
21:30	22:00	0.50	DSURF	DRILLING	DRILLING NEW HOLE	P	DRILL 17.5" HOLE F/ 200' - 270' (70' @ 88 FT/HR) WOB 35K, GPM 710, SPP 750 PSI, DIFF 250 PSI, SURFACE RPM 50-60, BIT RPM 113, TORQUE 6K.	200	270
22:00	23:00	1.00	DSURF	TRIPPING	M/U BHA	P	RACK BACK STAND, PICK UP LAST JOINT OF 8", LATCH UP 5" HWDP STAND.	270	270
23:00	0:00	1.00	DSURF	DRILLING	DRILLING NEW HOLE	P	DRILL 17.5" HOLE F/ 270' TO 377', (107' @ 107 FT/HR) WOB 35-40K, GPM 795, SPP 1300 PSI, DIFF 450 PSI, SURFACE RPM 60, BIT RPM 127, TORQUE 6K.	270	377

Total Time 10.00

CONTACTS

SURVEY DATA (LAST 7)

WSM	LUIS GARCIA	956-827-3700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00
SR. Superintendent	JOEY SIMS	432-250-4182	319.0	1.29	40.85	319.0	2.7	2.3	2.8	0.40
Field Superintendent	CHAD MILLER	307-333-3907	600.0	1.15	32.62	599.9	7.5	5.9	7.6	0.08
Drilling Engineer	TANNER PALMER	512-220-6180	670.0	1.15	32.62	669.9	8.7	6.7	8.8	0.00



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/10/2020

Report No: 1

Geologist	JAMES DURNAN	737-704-2321								
Rig Manager	DANNON PETERSON	432-848-4248								
Drilling Tech	PHILLIP ALLEN	737-207-1020								

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	
									Next BOP Test	
00	CONDUCTOR	22.000	0	132					Last BOP Function Test	
00	SURFACE	17.500	132	670					Last BOP Drill	
									Last FIT EMW	
									Last FIT Depth	

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	---	---

BIT OPERATIONS										
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP	
1	200.00	RT	68.00	136.0	10.0/ 15.0	30/ 30	450.0	68	136.0	
1	270.00	RT	70.00	140.0	30.0/ 35.0	50/ 55	650.0	138	138.0	
1	377.00	RT	177.00	118.0	30.0/ 35.0	50/ 60	780.0	315	126.0	

BHA													
BHA#:	1	Bit#:	1	BHA Name:			SURFACE		MD In:	132 ft	MD Out:	670 ft	
Component		Qty	OD	ID	Length	Top Thread		Manufacturer		Description			
Heavy Weight Drill Pipe		15	5.000		450.00					RIG			
Cross Over		1	7.880		2.43					BOTTLE NECK			
Drill Collar		3	8.000		88.09					3X RIG DRILL COLLAR			
Non-Mag Drill Collar		1	8.000		30.20					MONELL			
MWD Tool		1	8.000		30.47					MWD MONEL			
Muleshoe Sub		1	8.000		3.65					UBHO			
Shock Sub		1	9.000		13.42					COUGAR			
Integral Blade Stabilizer		1	17.000		8.02					17" NORTRAK STAB		BFF AMEGA	
Steerable Motor		1	9.620		31.82					7/8 4.0, 1.50			
Polycrystalline Diamond Bit		1	17.500	3.000	1.50			NOV		17-1/2 TK69 6X14			
								Total Length		659.60 ft		Total Weight	0

DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/10/2020

Report No: 1

MUD DATA (STELLAR OILFIELD RENTALS, LLC)				TORQUE & DRAG					
Engineer:	CHRIS WRIGHT	Sand (%):	0.05	MD:	670	ft	PU Wt:	102,000.0	kip
Sample From:	IN	LGS (%):	4.13	TVD:	670	ft	SO Wt:	99,000.0	kip
Mud Type:	Water	MBT (lbm/bbl):	0.0	Max Overpull:	102.0	kip	Off Btm Rot Wt:	100,000.0	kip
Time/ MD (ft):	04:00 / 370	pH:	8.00	Actual Hook Load:	100.0	kip	Drag:	2,000.0	kip
Density (ppg) @ Temp:	8.70 / 86.00	Pm/ Pom (cc):	0.05 /0.00	Torque Off Btm:	2,000.0	ft-lbf			
Rheology Temp (°F):	120.00	Pf/ Mf (cc):	0.01 /0.05	Torque On Btm:	12,000.0	ft-lbf			
Viscosity (s/qt):	27.00	Chlorides (ppm):	3500	NPT					
PV/ YP (cp):	1.00 / 4.000	CaCl2 (%):	N/A	Responsible Party				Hours	Accum. Hours
6/ 3 RPM:	2.00 / 1.00	Total Hardness (ppm):	2200					0.00	0.00
Gels 10s/10m/30m:	1.00 /1.00 /1.00	Lime (lbm/bbl):	0.00						
API WL (cc/30min):	100.0	ES:	0.0						
HTHP WL (cc/30min):	0.0	ECD:	0.00						
Cake API/ HTHP (32nd"):1.0 /0.0		H2O Added (bbl):	0.0						
Solid/ Sol Corr (%):	0.00 /0.00	Oil Added (bbl):	0.0						
Oil/ Water % (%):									

MUD PUMPS

Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)		
1	NATIONAL	12-P-160	95.00	1,382.00	93.00	6.000	389.3	4.186		
1	NATIONAL	12-P-160	95.00	1,187.00	85.00	6.000	355.8	4.186	Total	0.00
2	NATIONAL	12-P-160	95.00	1,385.00	92.00	6.000	385.1	4.186		
2	NATIONAL	12-P-160	95.00	1,185.00	85.00	6.000	355.8	4.186		

PERSONNEL

Company Name		Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance
RUSCO OPERATING LLC		3	36.00	DIESEL	0.00	15,255.00	1,585.00	13,670.00
STELLAR DRILLING FLUIDS LLC		1	24.00					
TOTAL DIRECTIONAL SERVICES, LLC		4	48.00					
TOTAL OILFIELD RENTALS		2	24.00					
	Total	10	132.00				Total	1,585.00

BULK CONSUMPTION

Company Name		Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance
RUSCO OPERATING LLC		3	36.00	DIESEL	0.00	15,255.00	1,585.00	13,670.00
STELLAR DRILLING FLUIDS LLC		1	24.00					
TOTAL DIRECTIONAL SERVICES, LLC		4	48.00					
TOTAL OILFIELD RENTALS		2	24.00					
	Total	10	132.00				Total	1,585.00

INCIDENT REPORT

Safety Incident?	N	Incident Comments
Incident Type		
Days Since Last RI		
Days Since Last LTI		

COMMENTS

START DATE: 03/10/2020 AT 14:00
NPT DAY: 0.0 HRS / NPT TOTAL FOR THE WELL: 0 HRS
NPT ICD 319 / DAY: 0.0 HRS
NPT ICD 319 / WELL: 0.0 HRS
NPT THIRD PARTY / DAY: 0.0 HRS
NPT THIRD PARTY / WELL: 0 HRS

NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020
NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020
NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPS:
NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB:

SURFACE TD:
SURFACE RELEASE:
INTERMEDIATE TD:
INT. RELEASE:
KOP:
EOC:
TD:
RIG RELEASE:

DAILY HSE INFO NUMBERS:
NEAR MISSES- 0
GOOD CATCHES- 0
JSA COMPLETED- 15



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date:

03/10/2020

Report No:

1

UNSAFE BBS CARDS- 12

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS

**DAILY DRILLING REPORT****UTL 4546A-21-12H****Report Date:** 03/10/2020**Report No:** 1**WELL COST**

AFE	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.0031.01	MOBILIZATION	BRILEY TRUCKING, LTD.	RED STONE OPERATING RIG MOVE	\$79,750.00
JAG-10404D	0160.3030.01	CONTRACT DRILLING - MOUSE HOLE/CELLAR/CONDUCTOR	OFD SOLUTIONS INC	CONSTRUCTION OF PAD	\$37,784.28
JAG-10404D	0160.3030.01	CONTRACT DRILLING - MOUSE HOLE/CELLAR/CONDUCTOR	RATHOLE DRILLING, INC.	CONDUCTOR/ MOUSE HOLE/ CELLAR	\$27,905.99
JAG-10404D	0160.1066.01	SERVICES - BHA & D.P. INSPECTIONS	PATHFINDER INSPECTIONS	CAT 4 INSPECTION	\$18,367.50
JAG-10404D	0160.1121.01	DIRECTIONAL SERVICES - SURFACE	TOTAL DIRECTIONAL SERVICES, LLC	DIRECTIONAL DRILLING	\$7,850.00
JAG-10404D	0160.1030.01	CONTRACT DRILLING - DRILLING RIG DAY RATE	INDEPENDENCE OILFIELD CHEMICALS LLC	INDEPENDENCE CONTRACT DRILLING	\$6,667.00
JAG-10404D	0160.1100.01	SUPERVISION - DRILLING CONSULTANT	RUSCO OPERATING LLC	2000/DAY X2	\$6,000.00
JAG-10404D	0160.1066.01	SERVICES - BHA & D.P. INSPECTIONS	PATHFINDER INSPECTIONS	HARDBANDS	\$5,371.00
JAG-10404D	0160.1060.01	DRILL BITS	NATIONAL OILWELL VARCO, LP	17-1/2 REED BIT TK69	\$3,500.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	SOLID CONTROL EQUIPMENT(MI SWACO)	\$3,300.00
JAG-10404D	0160.4066.01	SERVICES - PIT CLEANING & ROUSTABOUTS	DEL'S INSPECTION SERVICE COMPANY, LLC	CLEAN,DRIFT,TALLY	\$1,650.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	PASON SYSTEMS USA CORP	600/DAY	\$1,210.00
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	STELLAR DRILLING FLUIDS LLC	MUD ENG/ MATERIAL/ CHEMICALS	\$1,100.00
JAG-10404D	0160.1066.01	SERVICES - BHA & D.P. INSPECTIONS	PATHFINDER INSPECTIONS	HAULING OF RACKS TO/ FROM LOC.	\$1,000.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	CIVEO USA LLC	MANCAMP TRAILERS & GENERATOR	\$973.00
JAG-10404D	0160.6052.01	MUD & CHEMICALS - MUD PLANT	PEAK OILFIELD SERVICES LLC	MAN CAMP / SUPT	\$845.00
JAG-10404D	0160.2067.01	SAFETY - SAFETY SUPERVISOR	DTC ENERGY GROUP INC	650/DAY SAFETY MAN	\$650.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	TANK FARM AND PREMIX	\$515.00
JAG-10404D	0160.1121.01	DIRECTIONAL SERVICES - SURFACE	SCHLUMBERGER TECHNOLOGY CORPORATION	SLIDER	\$480.00
JAG-10404D	0160.2100.01	SUPERVISION - FIELD SUPERINTENDENT	DTC ENERGY GROUP INC	FIELD SUPER- \$400/DAY	\$400.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	WEATHERFORD U.S. LP	ROTATING HEAD AND ORBIT VALVE 130/DAY	\$400.00
JAG-10404D	0160.1067.01	SAFETY - SAFETY RENTAL EQUIPMENT	TOTAL SAFETY US INC	H2S EQUIPMENT 300/DAY	\$350.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	SELECT ENERGY SERVICES LLC	FAST LINE, METERS, PUMPS & GEN RENTAL\$510	\$350.00
JAG-10404D	0160.0130.01	TRUCKING - HOT SHOTS	RISING STAR HOT SHOT LLC	DELIVERY OF WELLHEADS 11H/12H	\$350.00
JAG-10404D	0160.0150.01	OVERHEAD	PARSLEY ENERGY OPERATIONS	300/DAY	\$321.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	STONE OILFIELD SERVICES, INC	4 TRANSFER PUMPS	\$320.00
JAG-10404D	0160.0150.01	OVERHEAD	PARSLEY ENERGY OPERATIONS	OVERHEAD	\$300.00
JAG-10404D	0160.1061.01	RENTALS & EQUIPMENT - DOWN HOLE	BLUE QUAIL ENERGY SERVICES	HWDP RENTAL \$9/DAY(18)	\$300.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	STONE OILFIELD SERVICES, INC	5 LIGHT TOWERS	\$275.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	EAST TEXAS OILFIELD SUPPLY COMPANY	MUD BUCKET	\$250.00
JAG-10404D	0160.2165.01	COMMUNICATIONS - PHONES/ INTERNET/ INTERCOM	POWERSAT COMMUNICATIONS USA LP	230 / DAY	\$230.00



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/10/2020

Report No: 1

WELL COST

AFE	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	SCHLUMBERGER TECHNOLOGY CORPORATION	DRILLING CHOKE/ MI SWACO	\$225.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	CORVA AI LLC	CORVA - DATA COLLECTION \$180/ PER DAY	\$200.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	PAYZONE ENERGY SERVICES LLC	SUPER CHOKE & DSA	\$185.00
JAG-10404D	0160.0130.01	TRUCKING - HOT SHOTS	RISING STAR HOT SHOT LLC	DELIVERY OF FLOAT EQUIP. 11H/12H	\$175.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MIDCENTRAL ENERGY SERVICES LLC	VBR AT \$75 EACH	\$150.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	CLASSIC OILFIELD SERVICES LP	2-OPEN TOP TANKS	\$125.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	BLACK DIAMOND OILFIELD RENTALS	IN LINE SCREEN	\$100.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	CLASSIC OILFIELD SERVICES LP	OPEN TOPS 30 DAY X1	\$38.00
DAILY COST TOTAL					\$209,962.77



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 1

Estimated Rig Move/Skid: 03/21/2020

Planned TD:	22,439 ft	API No:	4249534473	Rig Name:	ICD 319	Total Drilling AFE:	\$ 0.00
End of Report MD/TVD:	670 /670 ft	Property No:	10489J	Area:	TEXAS - WINKLER	Daily Cost:	\$ 16,079.50
Daily Footage:	0 ft	Latitude:	31.67233386	Event:	INTERMEDIATE	Cumulative Phase Cost:	\$ 16,079.50
Rig Datum:	Rig #1 @ 2,789.00 ft	Longitude:	-103.21730332	AFE Number:		Cumulative CTD:	\$328,071.78

Current Operation (6:00 AM):	TESTING BOP
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24-Hr Summary:	HPJSM WITH MONAHANS NIPPLE UP CREW, BREAK BOLTS LOOSE ON CACTUS SPEED HEAD TO SPACER SPOOL AND DSA, RAISE BOP AND REMOVE SPACER SPOOL AND SPEED HEAD. HAD TO USE WELDER TO CUT OFF STUDS FROM DSA AND INSTALLED NEW BOLTS. UNDRESS SPEED HEAD FROM OLD SPACER SPOOL. GATHER AND CLEAN BOLTS FOR NIPPLE UP. SET BOP, NIPPLE UP BOP'S, FUNCTION TEST RAMS. MODIFY GAS BUSTER PANIC LINE TO FIT NEW GAS BUSTER, RIG UP FLARE STACK AND GAS BUSTER LINES.
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24-Hr Forecast:	NIPPLE UP BOP, TEST BOP, DRILL OUT SURFACE SHOE, PERFORM FIT TO 12.0 PPG, DRILL 12-1/4 INTERVAL
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OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
17:00	18:00	1.00	CASURF	BOP / WELLHEAD	NU BOP	P	HPJSM WITH MONAHANS NIPPLE UP CREW, BREAK BOLTS LOOSE ON CACTUS SPEED HEAD TO SPACER SPOOL AND DSA, RAISE BOP AND REMOVE SPACER SPOOL AND SPEED HEAD. HAD TO USE WELDER TO CUT OFF STUDS FROM DSA AND INSTALLED NEW BOLTS. UNDRESS SPEED HEAD FROM OLD SPACER SPOOL. GATHER AND CLEAN BOLTS FOR NIPPLE UP.	670	670
18:00	0:00	6.00	CASURF	BOP / WELLHEAD	NU BOP	P	SET BOP, NIPPLE UP BOP'S, FUNCTION TEST RAMS. MODIFY GAS BUSTER PANIC LINE TO FIT NEW GAS BUSTER, RIG UP FLARE STACK AND GAS BUSTER LINES.	670	670

Total Time 7.00

CONTACTS

WSM	LUIS GARCIA	956-827-3700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00
SR. Superintendent	PETE BONIN	337-789-7732	319.0	1.29	40.85	319.0	2.7	2.3	2.8	0.40
Field Superintendent	CHAD MILLER	307-333-3907	600.0	1.15	32.62	599.9	7.5	5.9	7.6	0.08
Drilling Engineer	TANNER PALMER	512-220-6180	670.0	1.15	32.62	669.9	8.7	6.7	8.8	0.00
Geologist	JAMES DURNAN	737-704-2321								
Rig Manager	HUBERT SEALS	713-205-2575								
Drilling Tech	PHILLIP ALLEN	737-207-1020								

HOLE SECTIONS

CASING STRINGS

FIT/BOP TEST

WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Next BOP Test	
00	SURFACE	17.500	132	670					Last BOP Function Test	
									Last BOP Drill	
									Last FIT EMW	
									Last FIT Depth	

BIT RECORDS

Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1- 1-NO-TD

BIT OPERATIONS

Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
					/	/			



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 1

BHA

BHA#: 1		Bit#: 1		BHA Name: SURFACE			MD In: 132 ft		MD Out: 670 ft		
Component	Qty	OD	ID	Length	Top Thread	Manufacturer		Description			
Heavy Weight Drill Pipe	15	5.000		450.00				RIG			
Cross Over	1	7.880		2.43				BOTTLE NECK			
Drill Collar	3	8.000		88.09				3X RIG DRILL COLLAR			
Non-Mag Drill Collar	1	8.000		30.20				MONELL			
MWD Tool	1	8.000		30.47				MWD MONEL			
Muleshoe Sub	1	8.000		3.65				UBHO			
Shock Sub	1	9.000		13.42				COUGAR			
Integral Blade Stabilizer	1	17.000		8.02				17" NORTRAK STAB		BFF AMEGA	
Steerable Motor	1	9.620		31.82				7/8 4.0, 1.50			
Polycrystalline Diamond Bit	1	17.500	3.000	1.50		NOV		17-1/2 TK69 6X14			
						Total Length		659.60 ft		Total Weight	0



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 1

MUD DATA ()					TORQUE & DRAG			
Engineer:	Sand (%):				MD:	PU Wt:		
Sample From:	LGS (%):				TVD:	SO Wt:		
Mud Type:	MBT (lbm/bbl):				Max Overpull:	Off Btm Rot Wt:		
Time/ MD (ft): /	pH:				Actual Hook Load:	Drag:		
Density (ppg) @ Temp: /	Pm/ Pom (cc):				Torque Off Btm:			
Rheology Temp (°F):	Pf/ Mf (cc):				Torque On Btm:			
Viscosity (s/qt):	Chlorides (ppm):				NPT			
PV/ YP (cp): /	CaCl2 (%):				Responsible Party		Hours	Accum. Hours
6/ 3 RPM:	Total Hardness (ppm):						0.00	0.00
Gels 10s/10m/30m:	Lime (lbm/bbl):							
API WL (cc/30min):	ES:							
HTHP WL (cc/30min):	ECD:							
Cake API/ HTHP (32nd"):	H2O Added (bbl):							
Solid/ Sol Corr (%):	Oil Added (bbl):							
Oil/ Water % (%):								
MUD PUMPS								
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)
							Total	0.00
PERSONNEL					BULK CONSUMPTION			
Company Name		Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance
PDC LOGIC		1	132.00	DIESEL	0.00	13,670.00	676.00	12,994.00
RUSCO OPERATING LLC		3	36.00	OBM DIESEL	0.00	7,005.00		7,005.00
STELLAR DRILLING FLUIDS LLC		1	12.00					
TOTAL DIRECTIONAL SERVICES, LLC		2	24.00					
TOTAL OILFIELD RENTALS		0	0.00					
Total		7	204.00				Total	676.00
INCIDENT REPORT								
Safety Incident? N		Incident Comments						
Incident Type								
Days Since Last RI								
Days Since Last LTI								
COMMENTS								
START DATE: 03/11/2020 AT 17:00 NPT DAY: 0.0 HRS / NPT TOTAL FOR THE WELL: 0 HRS NPT ICD 319 / DAY: 0.0 HRS NPT ICD 319 / WELL: 0.0 HRS NPT THIRD PARTY / DAY: 0.0 HRS NPT THIRD PARTY / WELL: 0 HRS NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020 NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020 NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPTS: NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB: SURFACE TD: 670 3/11/2020 03:00 SURFACE RELEASE: 3/11/2020 17:00 INTERMEDIATE TD: INT. RELEASE: KOP: EOC: TD: RIG RELEASE: DAILY HSE INFO NUMBERS: NEAR MISSES- 0 GOOD CATCHES- 0 JSA COMPLETED- 15 UNSAFE BBS CARDS- 12								



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 1

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS

WELL COST

AFE	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.1030.01	CONTRACT DRILLING - DRILLING RIG DAY RATE	INDEPENDENCE OILFIELD CHEMICALS LLC	INDEPENDENCE CONTRACT DRILLING	\$4,667.00
JAG-10404D	0160.1053.01	DISPOSAL/ENVIRO-TRUCK/HAUL CUTTINGS & DIRTY FLUID	RDUB TRUCKING LLC	ESTIMATED TRUCKING COSTS	\$4,500.00
JAG-10404D	0160.1053.01	DISPOSAL/ENVIRO-TRUCK/HAUL CUTTINGS & DIRTY FLUID	MENDFORD TRUCKING	ESTIMATED TRUCKING COSTS	\$3,600.00
JAG-10404D	0160.5066.01	SERVICES - N/U & N/D SERVICES, BOP TEST	MONAHANS NIPPLE-UP SERVICE	NIPPLE UP CREW	\$3,312.50
DAILY COST TOTAL					\$16,079.50



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 2

Estimated Rig Move/Skid: 03/21/2020

Planned TD:	22,439 ft	API No:	4249534473	Rig Name:	ICD 319	Total Drilling AFE:	\$ 0.00
End of Report MD/TVD:	670 /670 ft	Property No:	10489J	Area:	TEXAS - WINKLER	Daily Cost:	\$ 121,621.51
Daily Footage:	293 ft	Latitude:	31.67233386	Event:	SURFACE	Cumulative Phase Cost:	\$ 311,992.28
Rig Datum:	Rig #1 @ 2,789.00 ft	Longitude:	-103.21730332	AFE Number:		Cumulative CTD:	\$328,071.78

Current Operation
(6:00 AM): TESTING BOP'S

24-Hr Summary: DRILL 17.5" HOLE F/ 377' TO 670', (293' @ 97 FT/HR) WOB 35-40K, GPM 795, SPP 1300 PSI, DIFF 450 PSI, SURFACE RPM 60, BIT RPM 127, TORQUE 6K. PERFORM WIPER TRIP FROM 670-206/ TIH F/206-670. CIRCULATE HOLE CLEAN. POOH F/670-211. PULL MWD/ RACK BACK NMDC/ DRAIN MOTOR/ BREAK BIT/ LAY DOWN TOOLS. PJSM WITH BUTCH'S CASING CREWS, RIG PERSONNEL, PARSLEY ENERGY REPS. RIG UP CASING CREW EQUIPMENT TO RUN 13-3/8 SURFACE CASING. MAKE UP SHOE TRACK AND RUN 15 JTS OF 13-3/8 SURFACE CASING. RIG DOWN CASING CREW EQUIPMENT. CIRCULATE HOLE CLEAN PRIOR TO CEMENT OPERATIONS. PJSM WITH COMPASS CEMENTERS, RIG PERSONNEL, THIRD PARTY, AND PARSLEY REPS. CEMENT 13-3/8 SURFACE CASING ON 12H AS FOLLOWS: SPACER- 30 BBL 8.4 PPG (GEL SPACER) TAIL- 705 SKS 168.25 BBLS 1.34 CUFT/SK 14.8 PPG @ 6 BPM TOT DISP F/W- 88 BBLS @ 6 BPM LIFT PR 700 PSI PLUG DOWN @ 13:30 BUMP PR 950 PSI - PRESS HELD - 950 PSI NOTES: CIRCULATED - 70 BBLS CMT T/SURFACE// OFFLINE CEMENT JOB ON 11H FOR 13-3/8 SURFACE CASING AS FOLLOWS: SPACER- 30 BBL 8.4 PPG (GEL SPACER) TAIL- 705 SKS 168.25 BBLS 1.34 CUFT/SK 14.8 PPG @ 6 BPM TOT DISP F/W- 88 BBLS @ 6 BPM LIFT PR 570 PSI PLUG DOWN @ 15:30 BUMP PR 800 PSI - PRESS HELD -800 PSI NOTES:

24-Hr Forecast: FINISH TEST BOP, DRILLOUT, PERFORM FIT TO 12.0 EMW, DRILL 12-1/4 INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	3:00	3.00	DSURF	DRILLING	DRILLING NEW HOLE	P	DRILL 17.5" HOLE F/ 377' TO 670', (293' @ 97 FT/HR) WOB 35-40K, GPM 795, SPP 1300 PSI, DIFF 450 PSI, SURFACE RPM 60, BIT RPM 127, TORQUE 6K.	377	670
3:00	4:00	1.00	DSURF	TRIPPING	TRIPPING OUT OF HOLE (NOT INCLUDING BHA)	P	PERFORM WIPER TRIP FROM 670-206/ TIH F/206-670	670	670
4:00	4:30	0.50	DSURF	CIRCULATE	CIRCULATE HOLE CLEAN	P	CIRCULATE HOLE CLEAN	670	670
4:30	5:00	0.50	DSURF	TRIPPING	TRIPPING OUT OF HOLE (NOT INCLUDING BHA)	P	POOH F/670-211	670	670
5:00	7:00	2.00	DSURF	TRIPPING	L/D BHA	P	PULL MWD/ RACK BACK NMDC/ DRAIN MOTOR/ BREAK BIT/ LAY DOWN TOOLS	670	670
7:00	7:30	0.50	CASURF	HSE - SAFETY	SAFETY MEETING	P	PJSM WITH BUTCH'S CASING CREWS, RIG PERSONNEL, PARSLEY ENERGY REPS	670	670
7:30	8:00	0.50	CASURF	CASING / LINER	RIG UP/DOWN FOR CASING/LINER OPERATIONS	P	RIG UP CASING CREW EQUIPMENT TO RUN 13-3/8 SURFACE CASING	670	670
8:00	10:30	2.50	CASURF	CASING / LINER	RUNNING CASING/LINER	P	MAKE UP SHOE TRACK AND RUN 15 JTS OF 13-3/8 SURFACE CASING	670	670
10:30	11:00	0.50	CASURF	CASING / LINER	RIG UP/DOWN FOR CASING/LINER OPERATIONS	P	RIG DOWN CASING CREW EQUIPMENT	670	670
11:00	11:30	0.50	CASURF	CIRCULATE	CIRCULATE HOLE CLEAN	P	CIRCULATE HOLE CLEAN PRIOR TO CEMENT OPERATIONS	670	670
11:30	12:00	0.50	CASURF	HSE - SAFETY	SAFETY MEETING	P	PJSM WITH COMPASS CEMENTERS, RIG PERSONNEL, THIRD PARTY, AND PARSLEY REPS	670	670



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 2

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
12:00	15:30	3.50	CASURF	CEMENTING	CEMENT OPERATIONS FOR CASING/LINER	P	CEMENT 13-3/8 SURFACE CASING ON 12H AS FOLLOWS: SPACER- 30 BBL 8.4 PPG (GEL SPACER) TAIL- 705 SKS 168.25 BBLS 1.34 CUFT/SK 14.8 PPG @ 6 BPM TOT DISP F/W- 88 BBLS @ 6 BPM LIFT PR 700 PSI PLUG DOWN @ 13:30 BUMP PR 950 PSI - PRESS HELD - 950 PSI NOTES: CIRCULATED - 70 BBLS CMT T/SURFACE// OFFLINE CEMENT JOB ON 11H FOR 13-3/8 SURFACE CASING AS FOLLOWS: SPACER- 30 BBL 8.4 PPG (GEL SPACER) TAIL- 705 SKS 168.25 BBLS 1.34 CUFT/SK 14.8 PPG @ 6 BPM TOT DISP F/W- 88 BBLS @ 6 BPM LIFT PR 570 PSI PLUG DOWN @ 15:30 BUMP PR 800 PSI - PRESS HELD -800 PSI NOTES: CIRCULATED - 68 BBLS CMT T/SURFACE	670	670
15:30	16:00	0.50	CASURF	CEMENTING	RIG UP/DOWN FOR CEMENT OPERATIONS	P	RIG DOWN CEMENTERS EQUIPMENT AND THIRD PARTY CELLAR PUMPS	670	670
16:00	17:00	1.00	CASURF	BOP / WELLHEAD	PRESSURE TEST BOP/WELLHEAD / SURFACE EQUIPMENT	P	BACK OUT LANDING JOINT ON 12H, LOWER WELLHEAD OVER LANDING COLLAR AND CONFIRM SET. TORQUE DOWN ALL BOLTS AND TEST SEALS TO 5000 PSI// ON 11H AFTER OFFLINE CEMENT JOB BACKED OUT PUP JOINT AND LOWERED WELLHEAD. CONFIRMED SET IN PLACE. TORQUED DOWN ALL BOLTS AND TESTED SEALS TO 5000 PSI	670	670

Total Time 17.00

CONTACTS			SURVEY DATA (LAST 7)							
WSM	LUIS GARCIA	956-827-3700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00
SR. Superintendent	JOEY SIMS	432-250-4182	319.0	1.29	40.85	319.0	2.7	2.3	2.8	0.40
Field Superintendent	CHAD MILLER	307-333-3907	600.0	1.15	32.62	599.9	7.5	5.9	7.6	0.08
Drilling Engineer	TANNER PALMER	512-220-6180	670.0	1.15	32.62	669.9	8.7	6.7	8.8	0.00
Geologist	JAMES DURNAN	737-704-2321								
Rig Manager	HUBERT SEALS	713-205-2575								
Drilling Tech	PHILLIP ALLEN	737-207-1020								

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Next BOP Test	
00	SURFACE	17.500	132	670					Last BOP Function Test	
									Last BOP Drill	
									Last FIT EMW	
									Last FIT Depth	

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1-1-NO-TD

BIT OPERATIONS										
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP	
1	670.00	RT	293.00	97.7	35.0/ 40.0	50/ 60	782.8	608	110.5	



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 2

BHA

BHA#: 1		Bit#: 1		BHA Name: SURFACE			MD In: 132 ft		MD Out: 670 ft		
Component	Qty	OD	ID	Length	Top Thread	Manufacturer		Description			
Heavy Weight Drill Pipe	15	5.000		450.00				RIG			
Cross Over	1	7.880		2.43				BOTTLE NECK			
Drill Collar	3	8.000		88.09				3X RIG DRILL COLLAR			
Non-Mag Drill Collar	1	8.000		30.20				MONELL			
MWD Tool	1	8.000		30.47				MWD MONEL			
Muleshoe Sub	1	8.000		3.65				UBHO			
Shock Sub	1	9.000		13.42				COUGAR			
Integral Blade Stabilizer	1	17.000		8.02				17" NORTRAK STAB		BFF AMEGA	
Steerable Motor	1	9.620		31.82				7/8 4.0, 1.50			
Polycrystalline Diamond Bit	1	17.500	3.000	1.50		NOV		17-1/2 TK69 6X14			
						Total Length		659.60 ft		Total Weight	0



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

Report No: 2

MUD DATA (STELLAR OILFIELD RENTALS, LLC)				TORQUE & DRAG			
Engineer:	CHRIS WRIGHT	Sand (%):	0.00	MD:	670 ft	PU Wt:	105,000.0 kip
Sample From:	IN	LGS (%):	1.20	TVD:	670 ft	SO Wt:	98,000.0 kip
Mud Type:	Water	MBT (lbm/bbl):	1.0	Max Overpull:	5,000.0 kip	Off Btm Rot Wt:	102,000.0 kip
Time/ MD (ft):	03:30 / 670	pH:	9.00	Actual Hook Load:	102,000.0 kip	Drag:	3,000.0 kip
Density (ppg) @ Temp:	8.80 / 0.00	Pm/ Pom (cc):	1.00 / 0.00	Torque Off Btm:	2,000.0 ft-lbf		
Rheology Temp (°F):	120.00	Pf/ Mf (cc):	0.05 / 0.08	Torque On Btm:	12,000.0 ft-lbf		
Viscosity (s/qt):	28.00	Chlorides (ppm):	1850				
PV/ YP (cp):	1.00 / 1.000	CaCl2 (%):	N/A				
6/ 3 RPM:	1.00 / 1.00	Total Hardness (ppm):	0				
Gels 10s/10m/30m:	1.00 / 1.00 / 1.00	Lime (lbm/bbl):	0.00				
API WL (cc/30min):	0.0	ES:	0.0				
HTHP WL (cc/30min):	0.0	ECD:	0.00				
Cake API/ HTHP (32nd"):0.0 / 0.0		H2O Added (bbl):	0.0				
Solid/ Sol Corr (%):	0.00 / 0.00	Oil Added (bbl):	0.0				
Oil/ Water % (%):							

MUD PUMPS											
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)			
1	NATIONAL	12-P-160	95.00	1,395.00	90.00	6.000	376.7	4.186			
1	NATIONAL	12-P-160	95.00	1,395.00	97.00	6.000	406.0	4.186		Total	0.00

PERSONNEL				BULK CONSUMPTION			
Company Name	Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance
COMPASS CEMENTING SERVICES, LLC	6	48.00	OBM DIESEL	0.00	7,005.00		7,005.00
RUSCO OPERATING LLC	3	36.00					
STELLAR DRILLING FLUIDS LLC	1	24.00					
TOTAL DIRECTIONAL SERVICES, LLC	4	48.00					
TOTAL OILFIELD RENTALS	2	24.00					
	Total	16	180.00			Total	0.00

INCIDENT REPORT	
Safety Incident? N	Incident Comments
Incident Type	
Days Since Last RI	
Days Since Last LTI	

COMMENTS

START DATE: 03/10/2020 AT 14:00
NPT DAY: 0.0 HRS / NPT TOTAL FOR THE WELL: 0 HRS
NPT ICD 319 / DAY: 0.0 HRS
NPT ICD 319 / WELL: 0.0 HRS
NPT THIRD PARTY / DAY: 0.0 HRS
NPT THIRD PARTY / WELL: 0 HRS

NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020
NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020
NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPTS:
NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB:

CEMENT 13.375" CSG AS FOLLOWS: 12H
SPACER- 30 BBL 8.4 PPG (GEL SPACER)
TAIL- 705 SKS 168.25 BBLS 1.34 CUFT/SK 14.8 PPG @ 6 BPM
TOT DISP F/W- 88 BBLS @ 6 BPM
LIFT PR 700 PSI
PLUG DOWN @ 13:30
BUMP PR 950 PSI - PRESS HELD - 950 PSI
NOTES: CIRCULATED - 70 BBLS CMT T/SURFACE

SURFACE TD: 670 3/11/2020 03:00
SURFACE RELEASE: 3/11/2020 17:00
INTERMEDIATE TD:
INT. RELEASE:
KOP:

EOC:
TD:
RIG RELEASE:

DAILY HSE INFO NUMBERS:

NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 15

UNSAFE BBS CARDS- 12

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS

**DAILY DRILLING REPORT****UTL 4546A-21-12H****Report Date:** 03/11/2020**Report No:** 2**WELL COST**

A/E	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0155.1010.01	CASING - SURFACE	CTAP, LLC	13-3/8" SURFACE CASING / W TAX	\$21,923.44
JAG-10404D	0160.1070.01	CEMENTING - SURFACE	COMPASS CEMENTING SERVICES, LLC	SURFACE CEMENT	\$19,169.26
JAG-10404D	0160.3052.01	MUD & CHEMICALS - DIESEL COST	INDUSTRIAL OILS, INC.	MUD FUEL	\$11,628.45
JAG-10404D	0160.1030.01	CONTRACT DRILLING - DRILLING RIG DAY RATE	INDEPENDENCE OILFIELD CHEMICALS LLC	INDEPENDENCE CONTRACT DRILLING	\$11,334.00
JAG-10404D	0160.2066.01	SERVICES - CASING CREW & TOOLS	BUTCH'S RAT HOLE & ANCHOR SERVICE, INC.	CASNG CREW/CRT/TQ TURN AND THREAD REP	\$8,654.00
JAG-10404D	0160.1121.01	DIRECTIONAL SERVICES - SURFACE	TOTAL DIRECTIONAL SERVICES, LLC	DIRECTIONAL DRILLING	\$7,850.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	PREMIUM OILFIELD TECHNOLOGIES	LINERS AND SEALS	\$6,106.11
JAG-10404D	0160.1100.01	SUPERVISION - DRILLING CONSULTANT	RUSCO OPERATING LLC	2000/DAY X2	\$6,000.00
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	D & D PIPELINE CONSTRUCTION, INC.	TRUCK IN BRINE ESTIMATE. 03/11	\$4,860.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	SOLID CONTROL EQUIPMENT(MI SWACO)	\$3,300.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	MCNEESE TRUCKING	HAUL SEWER 6000 GAL EST .4/GAL	\$2,400.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	SWIFTWATER ENERGY SERVICES LLC	RIG UP COST FOR POLY LINES/ WATER	\$2,000.00
JAG-10404D	0155.0040.01	FLOAT/EQUIPMENT/SHOES/CENT	INNOVEX DOWNHOLE SOLUTIONS INC	FLOAT EQUIPMENT	\$1,680.00
JAG-10404D	0160.4066.01	SERVICES - PIT CLEANING & ROUSTABOUTS	DEL'S INSPECTION SERVICE COMPANY, LLC	CLEAN,DRIFT,TALLY	\$1,650.00
JAG-10404D	0160.0103.01	WATER	PARSLEY ENERGY OPERATIONS	WATER/ \$1.00 PER BBL	\$1,472.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	PASON SYSTEMS USA CORP	600/DAY	\$1,210.00
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	STELLAR DRILLING FLUIDS LLC	MUD ENG/ MATERIAL/ CHEMICALS	\$1,100.00
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	S & N FENCE, LP FENCECO	BRINE	\$1,000.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	CIVEO USA LLC	MANCAMP TRAILERS & GENERATOR	\$973.00
JAG-10404D	0160.6052.01	MUD & CHEMICALS - MUD PLANT	PEAK OILFIELD SERVICES LLC	MAN CAMP / SUPT	\$845.00
JAG-10404D	0160.6066.01	SERVICES - WELLHEAD, LANDING JOINT, PKR FIELD TECH	CACTUS WELLHEAD LLC	LANDING RING ON CONDUCTOR	\$787.25
JAG-10404D	0160.2067.01	SAFETY - SAFETY SUPERVISOR	DTC ENERGY GROUP INC	650/DAY SAFETY MAN	\$650.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	TANK FARM AND PREMIX	\$515.00
JAG-10404D	0160.1121.01	DIRECTIONAL SERVICES - SURFACE	SCHLUMBERGER TECHNOLOGY CORPORATION	SLIDER	\$480.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	WEATHERFORD U.S. LP	ROTATING HEAD AND ORBIT VALVE 130/DAY	\$400.00
JAG-10404D	0160.2100.01	SUPERVISION - FIELD SUPERINTENDENT	DTC ENERGY GROUP INC	FIELD SUPER- \$400/DAY	\$400.00
JAG-10404D	0160.1067.01	SAFETY - SAFETY RENTAL EQUIPMENT	TOTAL SAFETY US INC	H2S EQUIPMENT 300/DAY	\$350.00
JAG-10404D	0160.0150.01	OVERHEAD	PARSLEY ENERGY OPERATIONS	300/DAY	\$321.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	STONE OILFIELD SERVICES, INC	4 TRANSFER PUMPS	\$320.00
JAG-10404D	0160.1061.01	RENTALS & EQUIPMENT - DOWN HOLE	BLUE QUAIL ENERGY SERVICES	HWDP RENTAL \$9/DAY(18)	\$300.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	STONE OILFIELD SERVICES, INC	5 LIGHT TOWERS	\$275.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	EAST TEXAS OILFIELD SUPPLY COMPANY	MUD BUCKET	\$250.00



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/11/2020

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WELL COST

AFE	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.2165.01	COMMUNICATIONS - PHONES/ INTERNET/ INTERCOM	POWERSAT COMMUNICATIONS USA LP	230 / DAY	\$230.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	SCHLUMBERGER TECHNOLOGY CORPORATION	DRILLING CHOKE/ MI SWACO	\$225.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	CORVA AI LLC	CORVA - DATA COLLECTION \$180/ PER DAY	\$200.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	PAYZONE ENERGY SERVICES LLC	SUPER CHOKE & DSA	\$185.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MIDCENTRAL ENERGY SERVICES LLC	VBR AT \$75 EACH	\$150.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	CLASSIC OILFIELD SERVICES LP	2-OPEN TOP TANKS	\$125.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	BLACK DIAMOND OILFIELD RENTALS	IN LINE SCREEN	\$100.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	SWIFTWATER ENERGY SERVICES LLC	FAST LINE, METERS, PUMPS & GEN RENTAL\$510	\$65.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MONAHANS NIPPLE-UP SERVICE	26" BOP SPOOL	\$65.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	CLASSIC OILFIELD SERVICES LP	OPEN TOPS 30 DAY X1	\$38.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	MCNEESE TRUCKING	TRASH TRAILER & PORTA CANS	\$35.00
JAG-10404D					
JAG-10404D					
JAG-10404D					
JAG-10404D					
DAILY COST TOTAL					\$121,621.51



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/12/2020

Report No: 2

Estimated Rig Move/Skid: 03/21/2020

Planned TD:	22,439 ft	API No:	4249534473	Rig Name:	ICD 319	Total Drilling AFE:	\$ 0.00
End of Report MD/TVD:	680 /680 ft	Property No:	10489J	Area:	TEXAS - WINKLER	Daily Cost:	\$ 94,437.47
Daily Footage:	10 ft	Latitude:	31.67233386	Event:	INTERMEDIATE	Cumulative Phase Cost:	\$ 110,516.97
Rig Datum:	Rig #1 @ 2,789.00 ft	Longitude:	-103.21730332	AFE Number:		Cumulative CTD:	\$422,509.25

Current Operation (6:00 AM): DRILLING 12-1/4 INTERMEDIATE INTERVAL AT A DEPTH OF 1,194' WITH PINK MUD

24-Hr Summary: CONNECT COMMUNICATION LINES FROM ACCUMULAOR TO CONTROL IN DRILLERS CABIN, PURGED ACCUMULUTOR HYDRAULIC SYSTEM, FUNCTION TEST CONTROL ON ACCUMULATOR, RE-FAB, DRY FIT, INSTALL STEEL LINES ON MUD GAS SEPARATOR WITH WELDERS ON LOCATION. MAKE UP TEST PLUG, TEST CHOKE MANIFOLD, ANNULAR, LOWER & UPPER PIPE RAMS, FULL OPENING SAFETY VALVE, KILL VALVES. TEST CASING TO 500 PSI WITH MONOHANS TESTERS. HELD FOR 30 MIN. GOOD TEST. INSTALL ORBIT VALVE, HOOK UP AIRLINES TO CLOSING CLAMP AND FUNCTION, P/U MAKE UP FLOW LINE, RIG UP DRILLING CHOKE, CHANGE OUT ALL HOSES FOR NEW. TIGHTEN UP FLARE LINE FLANGES, HOOK UP PANIC LINE ONCE ALL MODS WERE COMPLETE FROM FITTING IN NEW GAS BUSTER. HAD TO TAKE APART FLARE LINE AND INSTALL GASKETS, INSTALL MOUSE HOLE AND CELLAR COVERS, LINE UP STACK AND CHOKE MANIFOLD VALVES, INSTALL WEAR BUSHING, CHANGE OUT TOP DRIVE SAVER SUB, CHANGE OUT GRABBER DIE BLOCK DUE TO STRIPPED BOLT. P/U BHA AS FOLLOWS: 12.25" ULTERRA SPL616 SN 52037, 9 5/8 7/8 4 STAGE, 1.75 BEND, SN 962-IB-001 MUD MOTOR, 11 3/4 STAB, UBHO, NMDC(MWD), NMDC, 3X 8" RIG D.C. X/O, 5" HWDP. TIH TO TOP OF F.C. ON DEPTH AT 570', FILL PIPE, BREAK CIRCULATION, SET TOP DRIVE TORQUE TO 4000 FT/LBS

24-Hr Forecast: CONTINUE DRILLING 12-1/4 INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	3:00	3.00	CASURF	BOP / WELLHEAD	NU BOP	P	CONNECT COMMUNICATION LINES FROM ACCUMULAOR TO CONTROL IN DRILLERS CABIN, PURGED ACCUMULUTOR HYDRAULIC SYSTEM, FUNCTION TEST CONTROL ON ACCUMULATOR, RE-FAB, DRY FIT, INSTALL STEEL LINES ON MUD GAS SEPARATOR WITH WELDERS ON LOCATION.	670	670
3:00	8:00	5.00	CASURF	BOP / WELLHEAD	FUNCTION TEST BOP	P	MAKE UP TEST PLUG, TEST CHOKE MANIFOLD, ANNULAR, LOWER & UPPER PIPE RAMS, FULL OPENING SAFETY VALVE, KILL VALVES.	670	670
8:00	8:30	0.50	CASURF	PRESSURE TEST	PRESSURE TEST CASING / TUBING	P	TEST CASING TO 500 PSI WITH MONOHANS TESTERS. HELD FOR 30 MIN. GOOD TEST.	670	670
8:30	18:30	10.00	CASURF	BOP / WELLHEAD	NU BOP	U	INSTALL ORBIT VALVE, HOOK UP AIRLINES TO CLOSING CLAMP AND FUNCTION, P/U MAKE UP FLOW LINE, RIG UP DRILLING CHOKE, CHANGE OUT ALL HOSES FOR NEW. TIGHTEN UP FLARE LINE FLANGES, HOOK UP PANIC LINE ONCE ALL MODS WERE COMPLETE FROM FITTING IN NEW GAS BUSTER. HAD TO TAKE APART FLARE LINE AND INSTALL GASKETS, INSTALL MOUSE HOLE AND CELLAR COVERS, LINE UP STACK AND CHOKE MANIFOLD VALVES, INSTALL WEAR BUSHING, CHANGE OUT TOP DRIVE SAVER SUB, CHANGE OUT GRABBER DIE BLOCK DUE TO STRIPPED BOLT.	670	670
18:30	20:30	2.00	CASURF	TRIPPING	M/U BHA	P	P/U BHA AS FOLLOWS: 12.25" ULTERRA SPL616 SN 52037, 9 5/8 7/8 4 STAGE, 1.75 BEND, SN 962-IB-001 MUD MOTOR, 11 3/4 STAB, UBHO, NMDC(MWD), NMDC, 3X 8" RIG D.C. X/O, 5" HWDP.	670	670
20:30	21:30	1.00	CASURF	TRIPPING	TRIPPING IN HOLE (NOT INCLUDING BHA)	P	TIH TO TOP OF F.C. ON DEPTH AT 570', FILL PIPE, BREAK CIRCULATION, SET TOP DRIVE TORQUE TO 4000 FT/LBS (BELOW CASING MAKE UP TORQUE)	670	670
21:30	23:30	2.00	CASURF	DRILLING	DRILL OUT DV TOOL/SHOE TRACK	P	DRILL SHOE TRACK W/ 450 GPM, 360 PSI, 4K TORQUE, WORK THROUGH SHOE AND FLOAT COLLAR, SHOE ON DEPTH AT 655'. DRILL 10' FORMATION FROM 670' TO 680'.	670	680
23:30	0:00	0.50	CASURF	PRESSURE TEST	FORMATION INTEGRITY TEST	P	CONDUCT FIT TO 12.0 PPG MUD, 113 APPLIED SURFACE PSI, 680' TVD, WITH 8.8 TEST MUD.	680	680
Total Time		24.00							

CONTACTS

WSM	LUIS GARCIA	956-827-3700
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SURVEY DATA (LAST 7)

MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
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**DAILY DRILLING REPORT****UTL 4546A-21-12H****Report Date:** 03/12/2020**Report No:** 2

Night WSM	LUIS GARCIA	956-827-3700	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00
SR. Superintendent	JOEY SIMS	432-250-4182	319.0	1.29	40.85	319.0	2.7	2.3	2.8	0.40
Field Superintendent	CHAD MILLER	307-333-3907	600.0	1.15	32.62	599.9	7.5	5.9	7.6	0.08
Drilling Engineer	TANNER PALMER	512-220-6180	670.0	1.15	32.62	669.9	8.7	6.7	8.8	0.00
Geologist	JAMES DURNAN	737-704-2321								
Rig Manager	HUBERT SEALS	713-205-2575								
Drilling Tech	PHILLIP ALLEN	737-207-1020								

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Next BOP Test	4/1/2020
00	SURFACE	17.500	132	670					Last BOP Function Test	3/12/2020
00	INTERMEDIATE 1	12.250	670						Last BOP Drill	3/13/2020
									Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1- 1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670		---	---

BIT OPERATIONS										
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP	
1	680.00	OR	10.00	20.0	15.0/ 20.0	30/ 30	550.0	10	20.0	

BHA										
BHA#:	1	Bit#:	1	BHA Name: INTERMEDIATE				MD In:	670 ft	MD Out:
Component	Qty	OD	ID	Length	Top Thread	Manufacturer	Description			
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF					
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL				
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL				
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL				
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL	MONEL			
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL				
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL				
Steerable Motor	1	9.620	3.000	31.20	NC56	TOTAL				
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA				
							Total Length	1,293.78 ft	Total Weight	0



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/12/2020

Report No: 2

MUD DATA (STELLAR OILFIELD RENTALS, LLC)				TORQUE & DRAG			
Engineer:	CHRIS WRIGHT	Sand (%):		MD:	680 ft	PU Wt:	109.0 kip
Sample From:	IN	LGS (%):	8.58	TVD:	680 ft	SO Wt:	104.0 kip
Mud Type:	Water	MBT (lbm/bbl):	0.0	Max Overpull:	109.0 kip	Off Btm Rot Wt:	106.0 kip
Time/ MD (ft):	03:30 / 670	pH:	8.00	Actual Hook Load:	106.0 kip	Drag:	3.0 kip
Density (ppg) @ Temp:	8.80 / 87.00	Pm/ Pom (cc):	0.03 /	Torque Off Btm:	1,500.0 ft-lbf		
Rheology Temp (°F):	150.00	Pf/ Mf (cc):	0.01 /0.04	Torque On Btm:	4,500.0 ft-lbf		
Viscosity (s/qt):	30.00	Chlorides (ppm):	168,000				
PV/ YP (cp):	1.00 / 4.000	CaCl2 (%):	N/A				
6/ 3 RPM:	2.00 / 1.00	Total Hardness (ppm):	2800				
Gels 10s/10m/30m:	1.00 /1.00 /1.00	Lime (lbm/bbl):					
API WL (cc/30min):	100.0	ES:					
HTHP WL (cc/30min):	0.0	ECD:					
Cake API/ HTHP (32nd"):		H2O Added (bbl):					
Solid/ Sol Corr (%):		Oil Added (bbl):					
Oil/ Water % (%):							

MUD PUMPS								
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)
1	NATIONAL	12-P-160	95.00	650.00	65.00	6.000	272.1	4.186
1	NATIONAL	12-P-160	95.00	650.00	65.00	6.000	272.1	4.186
								Total
								-6,666.00

PERSONNEL				BULK CONSUMPTION			
Company Name	Qty	Man-Hrs		Material	Initial	Received	Daily Use
MENDFORD TRUCKING	3	30.00		DIESEL	12,994.00		698.00
PDC LOGIC	11	132.00		OBM DIESEL	7,005.00		3,981.00
RUSCO OPERATING LLC	3	36.00					
STELLAR DRILLING FLUIDS LLC	1	12.00					
TOTAL DIRECTIONAL SERVICES, LLC	4	48.00					
	Total	22	258.00				Total
							4,679.00

INCIDENT REPORT	
Safety Incident? N	Incident Comments
Incident Type	
Days Since Last RI	
Days Since Last LTI	

COMMENTS

START DATE: 03/11/2020 AT 17:00
NPT DAY: 10.0 HRS / NPT TOTAL FOR THE WELL: 10 HRS
NPT ICD 319 / DAY: 10.0 HRS
NPT ICD 319 / WELL: 10.0 HRS
NPT THIRD PARTY / DAY: 0.0 HRS
NPT THIRD PARTY / WELL: 0 HRS

NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020
NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020
NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPS:
NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB:

SURFACE TD: 670'- 3/11/2020 AT 03:00
SURFACE RELEASE: 3/11/2020 AT 17:00
INTERMEDIATE TD:
INT. RELEASE:
KOP:
EOC:
TD:
RIG RELEASE:

DAILY HSE INFO NUMBERS:
NEAR MISSES- 0
GOOD CATCHES- 0
JSA COMPLETED- 16
UNSAFE BBS CARDS- 12



DAILY DRILLING REPORT
UTL 4546A-21-12H

Report Date: 03/12/2020
Report No: 2

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS

WELL COST

A/E	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.1121.01	DIRECTIONAL SERVICES - SURFACE	TOTAL DIRECTIONAL SERVICES, LLC	DIRECTIONAL DRILLING	\$27,850.00
JAG-10404D	0160.1060.01	DRILL BITS	ULTERRA DRILLING TECHNOLOGIES	12-1/4 SPL616 BIT	\$20,000.00
JAG-10404D	0160.1030.01	CONTRACT DRILLING - DRILLING RIG DAY RATE	INDEPENDENCE OILFIELD CHEMICALS LLC	INDEPENDENCE CONTRACT DRILLING	\$16,000.00
JAG-10404D	0160.1100.01	SUPERVISION - DRILLING CONSULTANT	RUSCO OPERATING LLC	2000/DAY X2	\$6,000.00
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	STELLAR DRILLING FLUIDS LLC	MUD ENG/ MATERIAL/ CHEMICALS	\$3,600.72
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	SOLID CONTROL EQUIPMENT(MI SWACO)	\$3,300.00
JAG-10404D	0160.6066.01	SERVICES - WELLHEAD, LANDING JOINT, PKR FIELD TECH	CACTUS WELLHEAD LLC	LANDING JOINT TECH FOR SURFACE	\$2,702.25
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	PREMIUM OILFIELD TECHNOLOGIES	SHAKER SCREENS	\$2,520.00
JAG-10404D	0160.5066.01	SERVICES - N/U & N/D SERVICES, BOP TEST	MONAHANS NIPPLE-UP SERVICE	BOP TEST	\$2,425.00
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	MENDFORD TRUCKING	TRUCK IN BRINE ESTIMATE. 03/12	\$1,350.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	PASON SYSTEMS USA CORP	600/DAY	\$1,210.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	CIVEO USA LLC	MANCAMP TRAILERS & GENERATOR	\$973.00
JAG-10404D	0160.6052.01	MUD & CHEMICALS - MUD PLANT	PEAK OILFIELD SERVICES LLC	MAN CAMP / SUPT	\$845.00
JAG-10404D	0160.2067.01	SAFETY - SAFETY SUPERVISOR	DTC ENERGY GROUP INC	650/DAY SAFETY MAN	\$650.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	TANK FARM AND PREMIX	\$515.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	WEATHERFORD U.S. LP	ROTATING HEAD AND ORBIT VALVE 130/DAY	\$400.00
JAG-10404D	0160.2100.01	SUPERVISION - FIELD SUPERINTENDENT	DTC ENERGY GROUP INC	FIELD SUPER- \$400/DAY	\$400.00
JAG-10404D	0160.1067.01	SAFETY - SAFETY RENTAL EQUIPMENT	TOTAL SAFETY US INC	H2S EQUIPMENT 300/DAY	\$350.00
JAG-10404D	0160.0150.01	OVERHEAD	PARSLEY ENERGY OPERATIONS	300/DAY	\$321.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	STONE OILFIELD SERVICES, INC	4 TRANSFER PUMPS	\$320.00
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	MENDFORD TRUCKING	BRINE ESTIMATE \$1/BBL. 03/12	\$300.00
JAG-10404D	0160.1061.01	RENTALS & EQUIPMENT - DOWN HOLE	BLUE QUAIL ENERGY SERVICES	HWDP RENTAL \$9/DAY(18)	\$300.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	EAST TEXAS OILFIELD SUPPLY COMPANY	MUD BUCKET	\$250.00
JAG-10404D	0160.2165.01	COMMUNICATIONS - PHONES/ INTERNET/ INTERCOM	POWERSAT COMMUNICATIONS USA LP	230 / DAY	\$230.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	STONE OILFIELD SERVICES, INC	5 LIGHT TOWERS \$45/DAY	\$225.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	SCHLUMBERGER TECHNOLOGY CORPORATION	DRILLING CHOKE/ MI SWACO	\$225.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	CIVEO USA LLC	SEWER REPLACEMENT	\$212.50
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	CORVA AI LLC	CORVA - DATA COLLECTION \$180/ PER DAY	\$200.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	PAYZONE ENERGY SERVICES LLC	SUPER CHOKE & DSA	\$185.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MIDCENTRAL ENERGY SERVICES LLC	VBR AT \$75 EACH	\$150.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	2-OPEN TOP TANKS	\$125.00



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/12/2020

Report No: 2

WELL COST

AFE	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	BLACK DIAMOND OILFIELD RENTALS	IN LINE SCREEN	\$100.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MONAHANS NIPPLE-UP SERVICE	26" BOP SPOOL	\$65.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	SWIFTWATER ENERGY SERVICES LLC	FAST LINE, METERS, PUMPS & GEN RENTAL\$510	\$65.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	CLASSIC OILFIELD SERVICES LP	OPEN TOPS 30 DAY X1	\$38.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	MCNEESE TRUCKING	TRASH TRAILER & PORTA CANS	\$35.00
JAG-10404D					
DAILY COST TOTAL					\$94,437.47



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/13/2020

Report No: 3

Estimated Rig Move/Skid: 03/21/2020

Planned TD:	22,439 ft	API No:	4249534473	Rig Name:	ICD 319	Total Drilling AFE:	\$ 0.00
End of Report MD/TVD:	2543 /2542 ft	Property No:	10489J	Area:	TEXAS - WINKLER	Daily Cost:	\$ 78,888.91
Daily Footage:	1863 ft	Latitude:	31.67233386	Event:	INTERMEDIATE	Cumulative Phase Cost:	\$ 189,405.88
Rig Datum:	Rig #1 @ 2,789.00 ft	Longitude:	-103.21730332	AFE Number:		Cumulative CTD:	\$501,398.16

Current Operation (6:00 AM): DRILLING 12-1/4 INTERMEDIATE INTERVAL AT A DEPTH OF 3,045' WITH PINK MUD

24-Hr Summary: DRILL 12-1/4" HOLE F/ 680' - 736', WOB 18-30K, GPM 660, SPP 1050 PSI, DIFF 250-300 PSI, SURFACE RPM 50, , TORQUE 8K. CHANGE OUT ROTATING HEAD GASKET. DRILL 12-1/4" HOLE F/ 736'- 918,WOB 18-30K, GPM 850, SPP 1450 PSI, DIFF 400 PSI, RPM 50, BIT RPM 110, TORQUE 8K. SLIDE F/918-933 WOB-45 GPM-850 DIFF-400 MTF-220 ROT F/933-1289 WOB-55 GPM-850 SPP-2100 DIFF-650 TQ-14 ROT F/1289 T/1571' WOB-55 GPM-850 SPP-2100 DIFF-650 TQ-14 WHILE DRILLING AHEAD BIT ACTED LIKE IT WAS BALLED UP. PUMPED A HIGH VIS SWEEP AND BEGAN PLAYING WITH PERAMETERS. TORQUE FELL OFF F/16K T/8K. PRESSURE GAINED 1000PSI. ATTEMPTED TO GO BACK DRILLING THE HOPES OF CLEARING A POSSIBLE PLUGGED JET WITH NO LUCK. PRESSURE CLIMED ANOTHER 500PSI FOR A TOTAL GAIN OF 1600PSI OFF BOTTOM PRESSURE. CHECKED INLINE SCREEN TO INSURE IT WAS NOT PLUGGED, SCREEN WAS CLEAR. MADE THE CALL TO TOH FOR PLUGGED JETS. CIRCULATEBOTTOMS UP PRIOR TO TOH FOR BIT AND MOTOR. TOH F/1571' T/BHA. HOLE TOOK PROPPER FILL AND NO EXCESS DRAG. LAY DOWN BIT AND MOTOR. WHEN DRAINING MOTOR BIT BOX BEARINGS HAD EXCESS SQUAT. BIT HAD 5 JETS PLUGGED WITH STATOR RUBBER. PICK UP AND SCRIBE TOTAL MOTOR.MAKE UP BIT AND INSTALLED THE MWD. TIH WITH BHA.DRILL

24-Hr Forecast: CONTINUE DRILLING 12-1/4 INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	0:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4" HOLE F/ 680' - 736', WOB 18-30K, GPM 660, SPP 1050 PSI, DIFF 250-300 PSI, SURFACE RPM 50, , TORQUE 8K.	680	736
0:30	1:30	1.00	DINT1	BOP / WELLHEAD	RU/RD FLOW LINES & CONNECTIONS	P	CHANGE OUT ROTATING HEAD GASKET.	736	736
1:30	3:30	2.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4" HOLE F/ 736'- 918,WOB 18-30K, GPM 850, SPP 1450 PSI, DIFF 400 PSI, RPM 50, BIT RPM 110, TORQUE 8K.	736	918
3:30	4:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/918-933 WOB-45 GPM-850 DIFF-400 MTF-220	918	933
4:00	6:00	2.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/933-1289 WOB-55 GPM-850 SPP-2100 DIFF-650 TQ-14	933	1289
6:00	8:00	2.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/1289 T/1571' WOB-55 GPM-850 SPP-2100 DIFF-650 TQ-14 WHILE DRILLING AHEAD BIT ACTED LIKE IT WAS BALLED UP. PUMPED A HIGH VIS SWEEP AND BEGAN PLAYING WITH PERAMETERS. TORQUE FELL OFF F/16K T/8K. PRESSURE GAINED 1000PSI. ATTEMPTED TO GO BACK DRILLING IN THE HOPES OF CLEARING A POSSIBLE PLUGGED JET WITH NO LUCK. PRESSURE CLIMED ANOTHER 500PSI FOR A TOTAL GAIN OF 1600PSI OFF BOTTOM PRESSURE. CHECKED INLINE SCREEN TO INSURE IT WAS NOT PLUGGED, SCREEN WAS CLEAR. MADE THE CALL TO TOH FOR PLUGGED JETS.	1289	1571
8:00	8:30	0.50	DINT1	CIRCULATE	CIRCULATE HOLE CLEAN	U	CIRCULATE BOTTOMS UP PRIOR TO TOH FOR BIT AND MOTOR.	1571	1571
8:30	10:00	1.50	DINT1	TRIPPING	TRIPPING OUT OF HOLE (NOT INCLUDING BHA)	U	TOH F/1571' T/BHA. HOLE TOOK PROPPER FILL AND NO EXCESS DRAG.	1571	1571
10:00	11:00	1.00	DINT1	TRIPPING	L/D BHA	U	LAY DOWN BIT AND MOTOR. WHEN DRAINING MOTOR BIT BOX BEARINGS HAD EXCESS SQUAT. BIT HAD 5 JETS PLUGGED WITH STATOR RUBBER.	1571	1571
11:00	12:00	1.00	DINT1	TRIPPING	M/U BHA	U	PICK UP AND SCRIBE TOTAL MOTOR. MAKE UP BIT AND INSTALLED THE MWD. TIH WITH BHA.	1571	1571
12:00	12:30	0.50	DINT1	TRIPPING	M/U BHA	U	PICK UP AND SCRIBE TOTAL MOTOR	1571	1571



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/13/2020

Report No: 3

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
12:30	13:00	0.50	DINT1	TRIPPING	TRIPPING IN HOLE (NOT INCLUDING BHA)	U	TIH F/200' (BHA) T/1571' AND INSTALL ROTATING HEAD.	1571	1571
13:00	14:30	1.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/1571-1670 WOB-40 RPM-50 GPM-850 SPP-2400 TQ-9 DIFF-400	1571	1670
14:30	16:30	2.00	DINT1	RIG REPAIR / MAINTENANCE	SERVICE RIG (AS PER CONTRACT, MORE THAN 2 HRS PER DAY)	U	CHANGE OUT SAVER SUB	1670	1670
16:30	17:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/1670-1786 WOB-40 RPM-65 GPM-854 SPP-2600 TQ-12 DIFF-500	1670	1786
17:00	17:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/1786-1806 WOB-25 GPM-854 SPP-2400 TF-290M	1786	1806
17:30	19:00	1.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/1806-1952 WOB-33 GPM-850 DIFF-500 SPP-2400 RPM-60	1806	1952
19:00	19:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/1952-1982 WOB-30 GPM-850 SPP-2300 TF-230 DIFF-500	1952	1982
19:30	20:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/1982-2045 WOB-40 GPM-850 RPM-50 SPP-2500 DIFF-500	1982	2045
20:00	20:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2045-2076 WOB-35 GPM-850 DIFF-500 SPP-2500	2045	2076
20:30	21:30	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2076-2327 WOB-45 GPM-850 SPP-2700 RPM-60 DIFF-750	2076	2327
21:30	22:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2327-2367 WOB-45 GPM-850 SPP-2600 DIFF-500 MTF-300	2327	2367
22:00	22:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2367-2422 WOB-50GPM-850 SPP-2700 RPM-60 DIFF-650 TQ-15	2367	2422
22:30	23:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2422-2453 WOB-40 GPM-850 SPP-2600 DIFF-550	2422	2453
23:00	23:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2453-2516 WOB-50 GPM-850 SPP-2700 RPM-60 DIFF-750 TQ-16	2453	2516
23:30	0:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2516-2543 WOB-40 GPM-850 SPP-2600 DIFF-500	2516	2543
Total Time		24.00							

CONTACTS			SURVEY DATA (LAST 7)							
WSM	LUIS GARCIA	956-827-3700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	1,889.0	0.35	91.52	1,888.8	18.3	14.4	18.7	0.40
SR. Superintendent	JOEY SIMS	432-250-4182	1,982.0	0.88	205.87	1,981.8	17.7	14.4	18.0	1.15
Field Superintendent	CHAD MILLER	307-333-3907	2,076.0	2.58	224.34	2,075.7	15.5	12.6	15.8	1.88
Drilling Engineer	TANNER PALMER	512-220-6180	2,171.0	2.70	228.00	2,170.6	12.5	9.4	12.7	0.22
Geologist	JAMES DURNAN	737-704-2321	2,264.0	1.31	222.22	2,263.6	10.2	7.1	10.4	1.51
Rig Manager	HUBERT SEALS	713-205-2575	2,359.0	1.72	264.98	2,358.5	9.3	4.9	9.4	1.23
Drilling Tech	PHILLIP ALLEN	737-207-1020	2,453.0	3.54	278.28	2,452.4	18.3	0.7	9.6	2.03

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
									Next BOP Test	4/1/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Last BOP Function Test	3/12/2020
00	SURFACE	17.500	132	670					Last BOP Drill	
00	INTERMEDIATE 1	12.250	670						Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1- 1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670	1571	1-1-PN-A	0- I-NO-PP
2	12.250	SPL616	ULTERRA	49080	0.91	8.00	1571		---	---

**DAILY DRILLING REPORT****UTL 4546A-21-12H**

Report Date: 03/13/2020

Report No: 3

BIT OPERATIONS

Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
1	736.00	RT	56.00	112.0	10.0/ 20.0	30/ 30	862.3	66	66.0
1	918.00	RT	182.00	91.0	25.0/ 45.0	50/ 65	862.3	248	82.7
1	933.00	SL	15.00	30.0	30.0/ 4.0	0/ 0	862.3	263	75.1
1	1,289.00	RT	356.00	178.0	35.0/ 60.0	50/ 65	862.3	619	112.5
1	1,571.00	RT	282.00	0.0	35.0/ 55.0	50/ 65	862.3	901	163.8
2	1,670.00	RT	99.00	66.0	35.0/ 45.0	50/ 60	862.3	99	66.0
2	1,786.00	RT	116.00	232.0	40.0/ 50.0	50/ 65	862.3	215	107.5
2	1,806.00	SL	20.00	40.0	25.0/ 40.0	0/ 0	862.3	235	94.0
2	1,952.00	RT	146.00	97.3	30.0/ 45.0	50/ 60	862.3	381	95.2
2	1,982.00	SL	30.00	60.0	30.0/ 40.0	0/ 0	862.3	411	91.3
2	2,045.00	RT	63.00	126.0	30.0/ 45.0	50/ 60	862.3	474	94.8
2	2,076.00	SL	31.00	62.0	35.0/ 45.0	0/ 0	862.3	505	91.8
2	2,327.00	RT	251.00	251.0	40.0/ 50.0	50/ 60	862.3	756	116.3
2	2,367.00	SL	40.00	80.0	35.0/ 5.0	0/ 0	862.3	796	113.7
2	2,422.00	RT	55.00	110.0	40.0/ 50.0	50/ 60	862.3	851	113.5
2	2,453.00	SL	31.00	62.0	30.0/ 45.0	0/ 0	862.3	882	110.2
2	2,516.00	RT	63.00	126.0	40.0/ 50.0	50/ 60	862.3	945	111.2

BHA

BHA#: 2		Bit#: 2		BHA Name: INTERMEDIATE			MD In: 1571 ft		MD Out:	
Component	Qty	OD	ID	Length	Top Thread	Manufacturer	Description			
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF					
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL				
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL				
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL				
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL	MONEL			
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL				
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL				
Steerable Motor	1	9.620	3.000	36.26	NC56	TOTAL				
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA				
						Total Length	1,298.84 ft	Total Weight	0	



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/13/2020

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MUD DATA (STELLAR OILFIELD RENTALS, LLC)					TORQUE & DRAG						
Engineer:	CHRIS WRIGHT		Sand (%):		MD:	2543	ft	PU Wt:	140.0	kip	
Sample From:	IN		LGS (%):	8.99	TVD:	2542	ft	SO Wt:	130.0	kip	
Mud Type:	Water		MBT (lbm/bbl):	0.0	Max Overpull:			Off Btm Rot Wt:	135.0	kip	
Time/ MD (ft):	03:30 / 1670		pH:	9.00	Actual Hook Load:	135.0	kip	Drag:	5.0	kip	
Density (ppg) @ Temp:	9.35 / 92.00		Pm/ Pom (cc):	0.30 /	Torque Off Btm:	3.0	ft-lbf				
Rheology Temp (°F):	150.00		Pf/ Mf (cc):	0.15 /0.32	Torque On Btm:	15.0	ft-lbf				
Viscosity (s/qt):	34.00		Chlorides (ppm):	174,000	NPT						
PV/ YP (cp):	1.00 / 4.000		CaCl2 (%):	N/A	Responsible Party		Hours	Accum. Hours			
6/ 3 RPM:	2.00 / 1.00		Total Hardness (ppm):	2400				-6,666.00			
Gels 10s/10m/30m:	1.00 /1.00 /1.00		Lime (lbm/bbl):		HELMERICH & PAYNE INTERNATIONAL		2.00	2.00			
API WL (cc/30min):	100.0		ES:		DRILLING CO. DEPARTMENT						
HTHP WL (cc/30min):	0.0		ECD:	9.43	TOTAL ENERGY SERVICES, LLC		5.00	5.00			
Cake API/ HTHP (32nd"):1.0 /0.0			H2O Added (bbl):								
Solid/ Sol Corr (%):			Oil Added (bbl):								
Oil/ Water % (%):											
MUD PUMPS											
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)			
1	NATIONAL	12-P-160	95.00	2,200.00	100.00	6.000	418.6	4.186			
1	NATIONAL	12-P-160	95.00	2,200.00	102.00	6.000	427.0	4.186	Total	-6,659.00	
1	NATIONAL	12-P-160	95.00	2,400.00	102.00	6.000	427.0	4.186			
1	NATIONAL	12-P-160	95.00	2,400.00	100.00	6.000	418.6	4.186			
1	NATIONAL	12-P-160	95.00	2,600.00	104.00	6.000	435.4	4.186			
1	NATIONAL	12-P-160	95.00	2,600.00	102.00	6.000	427.0	4.186			
PERSONNEL										BULK CONSUMPTION	
Company Name				Qty	Man-Hrs	Material		Initial	Received	Daily Use	Daily Balance
PDC LOGIC				11	132.00	DIESEL		12,296.00		1,996.00	10,300.00
RUSCO OPERATING LLC				2	24.00	OBM DIESEL		3,024.00	7,001.00	4,985.00	5,040.00
STELLAR DRILLING FLUIDS LLC				1	12.00						
TOTAL DIRECTIONAL SERVICES, LLC				4	48.00						
Total				18	216.00					Total	6,981.00
INCIDENT REPORT											
Safety Incident?		N	Incident Comments								
Incident Type											
Days Since Last RI											
Days Since Last LTI											
COMMENTS											
START DATE: 03/11/2020 AT 17:00											
NPT DAY: 8.0 HRS / NPT TOTAL FOR THE WELL: 18 HRS											
NPT ICD 319 / DAY: 2.0 HRS											
NPT ICD 319 / WELL: 12.0 HRS											
NPT THIRD PARTY / DAY: 6.0 HRS											
NPT THIRD PARTY / WELL: 6.0 HRS											
NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020											
NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020											
NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPTS:											
NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB:											
SURFACE TD: 670'- 3/11/2020 AT 03:00											
SURFACE RELEASE: 3/11/2020 AT 17:00											
INTERMEDIATE TD:											
INT. RELEASE:											
KOP:											
EOC:											
TD:											
RIG RELEASE:											
DAILY HSE INFO NUMBERS:											



DAILY DRILLING REPORT

UTL 4546A-21-12H

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NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 17

UNSAFE BBS CARDS- 12

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS

**DAILY DRILLING REPORT****UTL 4546A-21-12H****Report Date:** 03/13/2020**Report No:** 3**WELL COST**

A/E	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.1060.01	DRILL BITS	ULTERRA DRILLING TECHNOLOGIES	SPL616 BIT #2 DUE TO TRIP	\$20,000.00
JAG-10404D	0160.1030.01	CONTRACT DRILLING - DRILLING RIG DAY RATE	INDEPENDENCE OILFIELD CHEMICALS LLC	INDEPENDENCE CONTRACT DRILLING	\$16,000.00
JAG-10404D	0160.3052.01	MUD & CHEMICALS - DIESEL COST	INDUSTRIAL OILS, INC.	DELIVERY OF 7001 GALS FOR MUD	\$11,492.29
JAG-10404D	0160.2121.01	DIRECTIONAL SERVICES - INTERMEDIATES	TOTAL DIRECTIONAL SERVICES, LLC	DIRECTIONAL DRILLING	\$6,000.00
JAG-10404D	0160.1100.01	SUPERVISION - DRILLING CONSULTANT	RUSCO OPERATING LLC	2000/DAY X2	\$6,000.00
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	STELLAR DRILLING FLUIDS LLC	MUD ENG/ MATERIAL/ CHEMICALS	\$4,069.62
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	SOLID CONTROL EQUIPMENT(MI SWACO)	\$3,300.00
JAG-10404D	0160.1053.01	DISPOSAL/ENVIRO-TRUCK/HAUL CUTTINGS & DIRTY FLUID	MENDFORD TRUCKING	DISPOSAL	\$1,800.00
JAG-10404D	0160.2053.01	DISPOSAL/ENVIRO-DISPOSAL SITE & CUTTINGS REMED	SPRINT ENERGY SERVICES	DISPOSAL	\$1,800.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	PASON SYSTEMS USA CORP	600/DAY	\$1,210.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	CIVEO USA LLC	MANCAMP TRAILERS & GENERATOR	\$973.00
JAG-10404D	0160.6052.01	MUD & CHEMICALS - MUD PLANT	PEAK OILFIELD SERVICES LLC	MAN CAMP / SUPT	\$845.00
JAG-10404D	0160.2067.01	SAFETY - SAFETY SUPERVISOR	DTC ENERGY GROUP INC	650/DAY SAFETY MAN	\$650.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	TANK FARM AND PREMIX	\$515.00
JAG-10404D	0160.2100.01	SUPERVISION - FIELD SUPERINTENDENT	DTC ENERGY GROUP INC	FIELD SUPER- \$400/DAY	\$400.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	WEATHERFORD U.S. LP	ROTATING HEAD AND ORBIT VALVE 130/DAY	\$400.00
JAG-10404D	0160.1067.01	SAFETY - SAFETY RENTAL EQUIPMENT	TOTAL SAFETY US INC	H2S EQUIPMENT 300/DAY	\$350.00
JAG-10404D	0160.0150.01	OVERHEAD	PARSLEY ENERGY OPERATIONS	300/DAY	\$321.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	STONE OILFIELD SERVICES, INC	4 TRANSFER PUMPS	\$320.00
JAG-10404D	0160.1061.01	RENTALS & EQUIPMENT - DOWN HOLE	BLUE QUAIL ENERGY SERVICES	HWDP RENTAL \$9/DAY(18)	\$300.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	EAST TEXAS OILFIELD SUPPLY COMPANY	MUD BUCKET	\$250.00
JAG-10404D	0160.0080.01	GEOLOGICAL SERVICES	DIVERSIFIED WELL LOGGING, LLC	GAS SNIFFER	\$250.00
JAG-10404D	0160.2165.01	COMMUNICATIONS - PHONES/ INTERNET/ INTERCOM	POWERSAT COMMUNICATIONS USA LP	230 / DAY	\$230.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	STONE OILFIELD SERVICES, INC	5 LIGHT TOWERS \$45/DAY	\$225.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	SCHLUMBERGER TECHNOLOGY CORPORATION	DRILLING CHOKE/ MI SWACO	\$225.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	CORVA AI LLC	CORVA - DATA COLLECTION \$180/ PER DAY	\$200.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	PAYZONE ENERGY SERVICES LLC	SUPER CHOKE & DSA	\$185.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MIDCENTRAL ENERGY SERVICES LLC	VBR AT \$75 EACH	\$150.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	2-OPEN TOP TANKS	\$125.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	BLACK DIAMOND OILFIELD RENTALS	IN LINE SCREEN	\$100.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	SWIFTWATER ENERGY SERVICES LLC	FAST LINE, METERS, PUMPS & GEN RENTAL\$510	\$65.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MONAHANS NIPPLE-UP SERVICE	26" BOP SPOOL	\$65.00



DAILY DRILLING REPORT
UTL 4546A-21-12H

Report Date: 03/13/2020
Report No: 3

WELL COST

AFE	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	CLASSIC OILFIELD SERVICES LP	OPEN TOPS 30 DAY X1	\$38.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	MCNEESE TRUCKING	TRASH TRAILER & PORTA CANS	\$35.00
DAILY COST TOTAL					\$78,888.91



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/14/2020

Report No: 4

Estimated Rig Move/Skid: 03/21/2020

Planned TD:	22,439 ft	API No:	4249534473	Rig Name:	ICD 319	Total Drilling AFE:	\$ 0.00
End of Report MD/TVD:	4716 /4698 ft	Property No:	10489J	Area:	TEXAS - WINKLER	Daily Cost:	\$ 71,321.69
Daily Footage:	2173 ft	Latitude:	31.67233386	Event:	INTERMEDIATE	Cumulative Phase Cost:	\$ 260,727.57
Rig Datum:	Rig #1 @ 2,789.00 ft	Longitude:	-103.21730332	AFE Number:		Cumulative CTD:	\$572,719.85

Current Operation (6:00 AM): DRILLING 12-1/4 INTERMEDIATE INTERVAL AT A DEPTH OF 5,087' WITH 9.1 PPG PINK MUD

24-Hr Summary: ROT F/2543-2591 WOB-20 GPM-455 RPM-40 DIFF-350 TQ-10 WITH MP1 DUE TO CHANGING SWAB ON MP2 ROT F/2591-2611 WOB-50 GPM-850 SPP-2750 DIFF-750 RPM-60 TQ-16 SLIDE F/2611-2641 WOB-42 GPM-850 SPP-2600 DIFF-550 TF-HS ROT F/2641-2893 WOB-60 GPM-850 RPM-50 SPP-2900 DIFF-900 TQ-19 SLIDE F/2893-2923 WOB-40 GPM-850 SPP-2600 DIFF-300 ROT F/2923-2987 WOB-58 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-17 RIG SERVICE TOP DRIVE, BLOCKS, DRAWWORKS SLIDE F/2987-3019 WOB-40 GPM-850 SPP-2600 DIFF-450 ROT F/3019 T/3287 WOB-58 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-17 SLIDE F/3287 T/3313 WOB-35-45 GPM-850 SPP-2600 DIFF-450 ROT F/3313 T/3384 WOB-55-65 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-14-17 SLIDE F/3384 T/3414 WOB-35-45 GPM-850 SPP-2600 DIFF-450 ROT F/3414 T/3954 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17 SLIDE F/3954 T/3988 WOB-35-45 GPM-850 SPP-2800 DIFF-300 ROT F/3988 T/4026 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17 RIG SERVICE TOP DRIVE, BLOCKS, DRAWWORKS ROT F/4026 T/4134 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17 SLIDE F/4134 T/4162 WOB-35-45 GPM-850 SPP-2800 DIFF-300 ROT F/4162-4230 WOB-35 RPM-50 SPP-3350 DIFF-850 GPM-854 TQ-16 SLIDE F/4230-4260 WOB-17 GPM-854 SPP-2700

24-Hr Forecast: CONTINUE DRILLING 12-1/4 INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	0:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2543-2591 WOB-20 GPM-455 RPM-40 DIFF-350 TQ-10 WITH MP1 DUE TO CHANGING SWAB ON MP2	2543	2591
0:30	1:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2591-2611 WOB-50 GPM-850 SPP-2750 DIFF-750 RPM-60 TQ-16	2591	2611
1:00	1:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2611-2641 WOB-42 GPM-850 SPP-2600 DIFF-550 TF-HS	2611	2641
1:30	3:00	1.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2641-2893 WOB-60 GPM-850 RPM-50 SPP-2900 DIFF-900 TQ-19	2641	2893
3:00	3:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2893-2923 WOB-40 GPM-850 SPP-2600 DIFF-300	2893	2923
3:30	4:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/2923-2987 WOB-58 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-17	2923	2987
4:00	4:30	0.50	DINT1	RIG REPAIR / MAINTENANCE	SERVICE RIG (AS PER CONTRACT, LESS THAN 2 HRS PER DAY)	P	RIG SERVICE TOP DRIVE, BLOCKS, DRAWWORKS	2987	2987
4:30	5:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/2987-3019 WOB-40 GPM-850 SPP-2600 DIFF-450	2987	3019
5:00	6:30	1.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/3019 T/3287 WOB-58 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-17	3019	3287
6:30	7:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/3287 T/3313 WOB-35-45 GPM-850 SPP-2600 DIFF-450	3287	3313
7:00	8:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/3313 T/3384 WOB-55-65 RPM-50 GPM-850 SPP-3100 DIFF-750 TQ-14-17	3313	3384
8:00	9:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/3384 T/3414 WOB-35-45 GPM-850 SPP-2600 DIFF-450	3384	3414
9:00	13:00	4.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/3414 T/3954 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17	3414	3954
13:00	14:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/3954 T/3988 WOB-35-45 GPM-850 SPP-2800 DIFF-300	3954	3988
14:00	14:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/3988 T/4026 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17	3988	4026
14:30	15:00	0.50	DINT1	RIG REPAIR / MAINTENANCE	DRILLING NEW HOLE	P	RIG SERVICE TOP DRIVE, BLOCKS, DRAWWORKS	4026	4026
15:00	16:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4026 T/4134 WOB-55-65 RPM-50 GPM-850 SPP-3350 DIFF-900 TQ-14-17	4026	4134



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/14/2020

Report No: 4

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
16:00	16:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4134 T/4162 WOB-35-45 GPM-850 SPP-2800 DIFF-300	4134	4162
16:30	17:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4162-4230 WOB-35 RPM-50 SPP-3350 DIFF-850 GPM-854 TQ-16	4162	4230
17:00	18:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4230-4260 WOB-17 GPM-854 SPP-2700 DIFF-150	4230	4260
18:00	18:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4260-4320 WOB-35 GPM-850 SPP-3400 DIFF-800 TQ-16	4260	4320
18:30	19:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4320-4345 WOB-32 SPM-850 SPP-2900 DIFF-550 TF-30L	4320	4345
19:00	20:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4345-4414 WOB-50 GPM-850 SPP-3400 DIFF-800 RPM-50 TQ-18	4345	4414
20:00	20:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4414-4444 WOB-30 GPM-850 SPP-2550 DIFF-500 TF-30L	4414	4444
20:30	22:00	1.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4444-4603 WOB-50 GPM-800 SPP-3200 DIFF-800 RPM-50 TQ-18	4444	4603
22:00	22:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4603-4614 WOB-28 GPM-800 SPP-2750 DIFF-400	4603	4614
22:30	23:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4614-4686 WOB-55 GPM-800 RPM-50 TQ-18 DIFF-800 SPP-3200	4614	4686
23:00	0:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4686-4716 WOB-25 GPM-800 SPP-2600 DIFF-250	4686	4716

Total Time 24.00

CONTACTS			SURVEY DATA (LAST 7)							
WSM	BRETT STRONG	970-201-4700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	4,058.0	6.24	283.59	4,044.3	79.3	-188.6	74.4	0.63
SR. Superintendent	JOEY SIMS	432-250-4182	4,152.0	5.48	290.45	4,137.8	82.1	-197.8	76.9	1.10
Field Superintendent	CHAD MILLER	307-333-3907	4,247.0	5.69	301.99	4,232.4	86.1	-206.0	80.8	1.20
Drilling Engineer	TANNER PALMER	512-220-6180	4,341.0	5.94	298.96	4,325.9	91.0	-214.2	85.4	0.42
Geologist	JAMES DURNAN	737-704-2321	4,436.0	6.92	282.54	4,420.3	94.6	-224.1	88.7	2.18
Rig Manager	HUBERT SEALS	713-205-2575	4,530.0	7.43	281.39	4,513.6	97.0	-235.6	90.9	0.56
Drilling Tech	PHILLIP ALLEN	737-207-1020	4,625.0	6.18	280.79	4,607.9	79.3	-246.7	92.8	1.32

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Next BOP Test	4/1/2020
00	SURFACE	17.500	132	670					Last BOP Function Test	3/12/2020
00	INTERMEDIATE 1	12.250	670						Last BOP Drill	
									Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1-1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670	1571	1-1-PN-A	0-1-NO-PP
2	12.250	SPL616	ULTERRA	49080	0.91	8.00	1571		---	---

**DAILY DRILLING REPORT****UTL 4546A-21-12H**

Report Date: 03/14/2020

Report No: 4

BIT OPERATIONS

Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
2	2,591.00	RT	48.00	96.0	15.0/ 20.0	30/ 40	816.3	993	110.3
2	2,611.00	RT	20.00	40.0	40.0/ 50.0	50/ 60	816.3	1013	106.6
2	2,641.00	SL	30.00	60.0	40.0/ 45.0	0/ 0	816.3	1043	104.3
2	2,893.00	RT	252.00	168.0	50.0/ 60.0	50/ 60	816.3	1295	112.6
2	2,923.00	SL	30.00	60.0	30.0/ 40.0	0/ 0	816.3	1325	110.4
2	2,987.00	RT	64.00	128.0	50.0/ 60.0	40/ 50	816.3	1389	111.1
2	3,019.00	SL	32.00	64.0	35.0/ 45.0	0/ 0	816.3	1421	109.3
2	3,287.00	RT	268.00	178.7	35.0/ 65.0	50/ 60	816.3	1689	116.5
2	3,313.00	SL	26.00	52.0	30.0/ 45.0	0/ 0	816.3	1715	114.3
2	3,384.00	RT	71.00	71.0	40.0/ 63.0	50/ 50	816.3	1786	111.6
2	3,414.00	SL	30.00	30.0	30.0/ 45.0	0/ 0	816.3	1816	106.8
2	3,954.00	RT	540.00	135.0	35.0/ 65.0	50/ 75	816.3	2356	112.2
2	3,988.00	SL	34.00	34.0	35.0/ 40.0	0/ 0	816.3	2390	108.6
2	4,026.00	RT	38.00	76.0	35.0/ 65.0	50/ 70	816.3	2428	107.9
2	4,134.00	RT	108.00	108.0	50.0/ 65.0	50/ 60	816.3	2536	107.9
2	4,162.00	SL	28.00	56.0	30.0/ 40.0	0/ 0	816.3	2564	106.8
2	4,230.00	RT	68.00	136.0	35.0/ 45.0	50/ 60	816.3	2632	107.4
2	4,260.00	SL	30.00	30.0	17.0/ 25.0	0/ 0	816.3	2662	104.4
2	4,320.00	RT	60.00	120.0	35.0/ 45.0	50/ 60	816.3	2722	104.7
2	4,345.00	SL	25.00	50.0	30.0/ 40.0	0/ 0	816.3	2747	103.7
2	4,414.00	RT	69.00	69.0	50.0/ 60.0	50/ 60	816.3	2816	102.4
2	4,444.00	SL	30.00	60.0	25.0/ 35.0	0/ 0	816.3	2846	101.6
2	4,603.00	RT	159.00	106.0	40.0/ 50.0	45/ 55	816.3	3005	101.9
2	4,614.00	SL	11.00	22.0	25.0/ 35.0	0/ 0	816.3	3016	100.5
2	4,686.00	RT	72.00	144.0	45.0/ 55.0	50/ 60	816.3	3088	101.2
2	4,716.00	SL	30.00	30.0	25.0/ 35.0	0/ 0	816.3	3118	99.0

BHA

BHA#: 2		Bit#: 2		BHA Name: INTERMEDIATE			MD In: 1571 ft		MD Out:	
Component	Qty	OD	ID	Length	Top Thread	Manufacturer	Description			
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF					
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL				
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL				
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL				
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL	MONEL			
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL				
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL				
Steerable Motor	1	9.620	3.000	36.26	NC56	TOTAL				
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA				
						Total Length	1,298.84 ft	Total Weight	0	



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/14/2020

Report No: 4

MUD DATA (STELLAR OILFIELD RENTALS, LLC)					TORQUE & DRAG				
Engineer:	CHRIS WRIGHT	Sand (%):			MD:	4716	ft	PU Wt:	185.0 kip
Sample From:	IN	LGS (%):	14.09		TVD:	4698	ft	SO Wt:	160.0 kip
Mud Type:	Water	MBT (lbm/bbl):	0.0		Max Overpull:	180.0	kip	Off Btm Rot Wt:	170.0 kip
Time/ MD (ft):	03:30 / 4143	pH:	11.00		Actual Hook Load:	170.0	kip	Drag:	15.0 kip
Density (ppg) @ Temp:	9.25 / 96.00	Pm/ Pom (cc):	1.20 /		Torque Off Btm:	4.0	ft-lbf		
Rheology Temp (°F):	150.00	Pf/ Mf (cc):	0.40 /0.80		Torque On Btm:	18.0	ft-lbf		
Viscosity (s/qt):	50.00	Chlorides (ppm):	182,000		NPT				
PV/ YP (cp):	1.00 / 4.000	CaCl2 (%):	N/A		Responsible Party		Hours	Accum. Hours	
6/ 3 RPM:	2.00 / 1.00	Total Hardness (ppm):	2600				0.00	-6,666.00	
Gels 10s/10m/30m:	1.00 /1.00 /1.00	Lime (lbm/bbl):			HELMERICH & PAYNE INTERNATIONAL			2.00	
API WL (cc/30min):	100.0	ES:			DRILLING CO. DEPARTMENT				
HTHP WL (cc/30min):	0.0	ECD:	9.44		TOTAL ENERGY SERVICES, LLC			5.00	
Cake API/ HTHP (32nd"):1.0 /0.0		H2O Added (bbl):							
Solid/ Sol Corr (%):		Oil Added (bbl):							
Oil/ Water % (%):									

MUD PUMPS									
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)	
1	NATIONAL	12-P-160	95.00	3,100.00	99.00	6.000	414.4	4.186	
1	NATIONAL	12-P-160	95.00	3,100.00	102.00	6.000	427.0	4.186	
1	NATIONAL	12-P-160	95.00	3,350.00	106.00	6.000	443.7	4.186	
1	NATIONAL	12-P-160	95.00	3,100.00	103.00	6.000	431.2	4.186	
1	NATIONAL	12-P-160	95.00	3,400.00	104.00	6.000	435.4	4.186	
1	NATIONAL	12-P-160	95.00	3,400.00	103.00	6.000	431.2	4.186	
1	NATIONAL	12-P-160	95.00	2,600.00	98.00	6.000	410.2	4.186	
1	NATIONAL	12-P-160	95.00	2,600.00	97.00	6.000	406.0	4.186	
									Total -6,659.00

PERSONNEL				BULK CONSUMPTION				
Company Name		Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance
PDC LOGIC		11	132.00	DIESEL	10,300.00		2,423.00	7,877.00
RUSCO OPERATING LLC		2	24.00	OBM DIESEL	5,040.00	13,794.00	13,794.00	5,040.00
STELLAR DRILLING FLUIDS LLC		1	12.00					
TOTAL DIRECTIONAL SERVICES, LLC		4	48.00					
Total		18	216.00				Total	16,217.00

INCIDENT REPORT	
Safety Incident? N	Incident Comments
Incident Type	
Days Since Last RI	
Days Since Last LTI	

COMMENTS

START DATE: 03/11/2020 AT 17:00
NPT DAY: 0.0 HRS / NPT TOTAL FOR THE WELL: 18 HRS
NPT ICD 319 / DAY: 0.0 HRS
NPT ICD 319 / WELL: 12.0 HRS
NPT THIRD PARTY / DAY: 0.0 HRS
NPT THIRD PARTY / WELL: 6.0 HRS

NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020
NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020
NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPTS:
NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB:

SURFACE TD: 670'- 3/11/2020 AT 03:00
SURFACE RELEASE: 3/11/2020 AT 17:00
INTERMEDIATE TD:
INT. RELEASE:
KOP:
EOC:
TD:
RIG RELEASE:

DAILY HSE INFO NUMBERS:

NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 15

UNSAFE BBS CARDS- 14

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS

**DAILY DRILLING REPORT****UTL 4546A-21-12H****Report Date:** 03/14/2020**Report No:** 4**WELL COST**

A/E	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.3052.01	MUD & CHEMICALS - DIESEL COST	INDUSTRIAL OILS, INC.	MUD FUEL	\$21,144.00
JAG-10404D	0160.1030.01	CONTRACT DRILLING - DRILLING RIG DAY RATE	INDEPENDENCE OILFIELD CHEMICALS LLC	INDEPENDENCE CONTRACT DRILLING	\$16,000.00
JAG-10404D	0160.1100.01	SUPERVISION - DRILLING CONSULTANT	RUSCO OPERATING LLC	2000/DAY X2	\$6,000.00
JAG-10404D	0160.2121.01	DIRECTIONAL SERVICES - INTERMEDIATES	TOTAL DIRECTIONAL SERVICES, LLC	DIRECTIONAL DRILLING	\$6,000.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	CIVEO USA LLC	RIGGING UP TANKS/ HOSES/ FITTING	\$3,457.27
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	SOLID CONTROL EQUIPMENT(MI SWACO)	\$3,300.00
JAG-10404D	0160.2053.01	DISPOSAL/ENVIRO-DISPOSAL SITE & CUTTINGS REMED	SPRINT ENERGY SERVICES	DISPOSAL OF WASTE WATER	\$2,600.00
JAG-10404D	0160.1053.01	DISPOSAL/ENVIRO-TRUCK/HAUL CUTTINGS & DIRTY FLUID	MENDFORD TRUCKING	WASTE WATER TO DISPOSAL	\$1,700.00
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	STELLAR DRILLING FLUIDS LLC	MUD ENG/ MATERIAL/ CHEMICALS	\$1,693.42
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	PASON SYSTEMS USA CORP	600/DAY	\$1,210.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	CIVEO USA LLC	DELIVERY OF WATER FOR MANCAMP	\$1,000.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	CIVEO USA LLC	MANCAMP TRAILERS & GENERATOR	\$973.00
JAG-10404D	0160.6052.01	MUD & CHEMICALS - MUD PLANT	PEAK OILFIELD SERVICES LLC	MAN CAMP / SUPT	\$845.00
JAG-10404D	0160.2067.01	SAFETY - SAFETY SUPERVISOR	DTC ENERGY GROUP INC	650/DAY SAFETY MAN	\$650.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	TANK FARM AND PREMIX	\$515.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	WEATHERFORD U.S. LP	ROTATING HEAD AND ORBIT VALVE 130/DAY	\$400.00
JAG-10404D	0160.2100.01	SUPERVISION - FIELD SUPERINTENDENT	DTC ENERGY GROUP INC	FIELD SUPER- \$400/DAY	\$400.00
JAG-10404D	0160.1067.01	SAFETY - SAFETY RENTAL EQUIPMENT	TOTAL SAFETY US INC	H2S EQUIPMENT 300/DAY	\$350.00
JAG-10404D	0160.0150.01	OVERHEAD	PARSLEY ENERGY OPERATIONS	300/DAY	\$321.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	STONE OILFIELD SERVICES, INC	4 TRANSFER PUMPS	\$320.00
JAG-10404D	0160.1061.01	RENTALS & EQUIPMENT - DOWN HOLE	BLUE QUAIL ENERGY SERVICES	HWDP RENTAL \$9/DAY(18)	\$300.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	EAST TEXAS OILFIELD SUPPLY COMPANY	MUD BUCKET	\$250.00
JAG-10404D	0160.0080.01	GEOLOGICAL SERVICES	DIVERSIFIED WELL LOGGING, LLC	GAS SNIFFER	\$250.00
JAG-10404D	0160.2165.01	COMMUNICATIONS - PHONES/ INTERNET/ INTERCOM	POWERSAT COMMUNICATIONS USA LP	230 / DAY	\$230.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	SCHLUMBERGER TECHNOLOGY CORPORATION	DRILLING CHOKE/ MI SWACO	\$225.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	STONE OILFIELD SERVICES, INC	5 LIGHT TOWERS \$45/DAY	\$225.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	CORVA AI LLC	CORVA - DATA COLLECTION \$180/ PER DAY	\$200.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	PAYZONE ENERGY SERVICES LLC	SUPER CHOKE & DSA	\$185.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MIDCENTRAL ENERGY SERVICES LLC	VBR AT \$75 EACH	\$150.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	2-OPEN TOP TANKS	\$125.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	BLACK DIAMOND OILFIELD RENTALS	IN LINE SCREEN	\$100.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	SWIFTWATER ENERGY SERVICES LLC	FAST LINE, METERS, PUMPS & GEN RENTAL\$510	\$65.00



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/14/2020

Report No: 4

WELL COST

AFE	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MONAHANS NIPPLE-UP SERVICE	26" BOP SPOOL	\$65.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	CLASSIC OILFIELD SERVICES LP	OPEN TOPS 30 DAY X1	\$38.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	MCNEESE TRUCKING	TRASH TRAILER & PORTA CANS	\$35.00
DAILY COST TOTAL					\$71,321.69



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/15/2020

Report No: 5

Estimated Rig Move/Skid: 03/21/2020

Planned TD:	22,439 ft	API No:	4249534473	Rig Name:	ICD 319	Total Drilling AFE:	\$ 0.00
End of Report MD/TVD:	6611 /6573 ft	Property No:	10489J	Area:	TEXAS - WINKLER	Daily Cost:	\$ 95,697.88
Daily Footage:	1895 ft	Latitude:	31.67233386	Event:	INTERMEDIATE	Cumulative Phase Cost:	\$ 356,425.45
Rig Datum:	Rig #1 @ 2,789.00 ft	Longitude:	-103.21730332	AFE Number:		Cumulative CTD:	\$668,417.73

Current Operation (6:00 AM): DRILLING 12-1/4 INTERMEDIATE AT A DEPTH OF 6,836 WITH 8.9 PPG PINK MUD

24-Hr Summary: ROT F/4716-4781 WOB-55 GPM-850 SPP-3600 DIFF-950 RPM-50 TQ-18 SLIDE F/4781-4822 WOB-40 GPM-825 SPP-3160 DIFF-550 TF-30R ROT F/4822-4886 WOB-60 GPM-850 RPM-60 SPP-3650 DIFF-950 TQ-19 SLIDE F/4886-4914 WOB-38 GPM-850 SPP-3150 DIFF-550 ROT F/4914-4980 WOB-62 RPM-60 DIFF-950 TQ-20 SPP-3700 GPM-80 SLIDE F/4980-5010 WOB-24 GPM-850 SPP-3100 DIFF-500 ROT F/5010-5074 WOB-64 GPM-850 SPP-3700 DIFF-950 RPM-60 TQ-20 SLIDE F/5074 T/5104' WOB-24 GPM-850 SPP-2500 DIFF-500 ROT F/5104' T/5169' WOB-64 GPM-850 SPP-3700 DIFF-950 RPM-60 TQ-20 SLIDE F/5169' T/5194' WOB-20 GPM-736 SPP-2500 DIFF-250 ROT F/5194' T/5268' WOB-35 GPM-850 SPP-3700 DIFF-700 RPM-50 TQ-12-20 SLIDE F/5268' T/5285' WOB-18 GPM-736 SPP-2250 DIFF-150 ROT F/5285' T/5841' WOB-32 GPM-850 SPP-3350 DIFF-650 RPM-50 TQ-10-18 SLIDE F/5841' T/5859' WOB-15 GPM-736 SPP-2300 DIFF-150 ROT F/5859' T/5933' WOB-40 GPM-850 SPP-3450 DIFF-700 RPM-50 TQ-11-18 SLIDE F/5933' T/5953' WOB-15 GPM-736 SPP-2300 DIFF-150 ROT F/5953' T/6008" WOB-25 GPM-850 SPP-3250 DIFF-550 RPM-50 TQ-10-16 CIRCULATE BOTTOMS UP W/850 GPM, 50 RPM, RECIPROCATING 90' PRIOR TO DRILLING AHEAD INTO THE POSSIBLE LOST ZONES. ROT F/6008' T/6023' WOB-25 GPM-850 SPP-3250

24-Hr Forecast: CONTINUE DRILLING 12-1/4 INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	1:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4716-4781 WOB-55 GPM-850 SPP-3600 DIFF-950 RPM-50 TQ-18	4716	4781
1:00	2:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4781-4822 WOB-40 GPM-825 SPP-3160 DIFF-550 TF-30R	4781	4822
2:00	2:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4822-4886 WOB-60 GPM-850 RPM-60 SPP-3650 DIFF-950 TQ-19	4822	4886
2:30	3:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4886-4914 WOB-38 GPM-850 SPP-3150 DIFF-550	4886	4914
3:00	3:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/4914-4980 WOB-62 RPM-60 DIFF-950 TQ-20 SPP-3700 GPM-80	4914	4980
3:30	4:30	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/4980-5010 WOB-24 GPM-850 SPP-3100 DIFF-500	4980	5010
4:30	5:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5010-5074 WOB-64 GPM-850 SPP-3700 DIFF-950 RPM-60 TQ-20	5010	5074
5:00	5:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/5074 T/5104' WOB-24 GPM-850 SPP-2500 DIFF-500	5074	5104
5:30	6:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5104' T/5169' WOB-64 GPM-850 SPP-3700 DIFF-950 RPM-60 TQ-20	5104	5169
6:00	7:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/5169' T/5194' WOB-20 GPM-736 SPP-2500 DIFF-250	5169	5194
7:00	7:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5194' T/5268' WOB-35 GPM-850 SPP-3700 DIFF-700 RPM-50 TQ-12-20	5194	5268
7:30	8:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/5268' T/5285' WOB-18 GPM-736 SPP-2250 DIFF-150	5268	5268
8:00	11:30	3.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5285' T/5841' WOB-32 GPM-850 SPP-3350 DIFF-650 RPM-50 TQ-10-18	5268	5841
11:30	12:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/5841' T/5859' WOB-15 GPM-736 SPP-2300 DIFF-150	5841	5859
12:00	13:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5859' T/5933' WOB-40 GPM-850 SPP-3450 DIFF-700 RPM-50 TQ-11-18	5859	5933
13:00	14:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/5933' T/5953' WOB-15 GPM-736 SPP-2300 DIFF-150	5933	5953
14:00	14:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/5953' T/6008" WOB-25 GPM-850 SPP-3250 DIFF-550 RPM-50 TQ-10-16	5953	6008
14:30	15:00	0.50	DINT1	CIRCULATE	CIRCULATE HOLE CLEAN	P	CIRCULATE BOTTOMS UP W/850 GPM, 50 RPM, RECIPROCATING 90' PRIOR TO DRILLING AHEAD INTO THE POSSIBLE LOST ZONES.	6008	6008

**DAILY DRILLING REPORT****UTL 4546A-21-12H****Report Date:** 03/15/2020**Report No:** 5

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
15:00	15:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/6008' T/6023' WOB-25 GPM-850 SPP-3250 DIFF-500 RPM-50 TQ-11-14	6008	6008
15:30	16:30	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/6023' T/6041' WOB-25 GPM-736 SPP-2350 DIFF-200	6008	6041
16:30	19:30	3.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/6041-6400 WOB-35 GPM-850 SPP-3600 DIFF-800 RPM-60 TQ-18	6041	6400
19:30	20:00	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/6400-6423 WOB-30 GPM-725 SPP-2375 DIFF-250 TF-160R	6400	6423
20:00	21:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/6423-6495 WO-35 GPM-850 SPP-3600 RPM-60 DIFF-800 TQ-18	6423	6495
21:00	21:30	0.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/6495-6511 WOB-20 GPM-715 SPP-2300 DIFF-150	6495	6511
21:30	22:00	0.50	DINT1	WELL CONTROL	WELL CONTROL	P	PERFORM FLOW CHECK DUE TO DILUTION RATE TO MAINTAIN 8.9 MW	6511	6511
22:00	23:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	ROT F/6511-6590 WOB-32 GPM-850 SPP-3500 DIFF-750 RPM-60 TQ-18	6511	6590
23:00	0:00	1.00	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/6590-6611 WOB-25 GPM-600 SPP-2100 DIFF-400 TF-160R	6590	6611

Total Time 24.00

CONTACTS			SURVEY DATA (LAST 7)							
WSM	BRETT STRONG	970-201-4700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	5,945.0	8.44	292.39	5,912.4	174.5	-430.3	163.3	0.84
SR. Superintendent	JOEY SIMS	432-250-4182	6,039.0	7.57	290.80	6,005.5	179.3	-442.4	167.8	0.95
Field Superintendent	CHAD MILLER	307-333-3907	6,134.0	7.30	290.30	6,099.7	183.7	-453.9	171.8	0.29
Drilling Engineer	TANNER PALMER	512-220-6180	6,229.0	7.35	289.97	6,193.9	187.8	-465.3	175.7	0.07
Geologist	JAMES DURNAN	737-704-2321	6,324.0	7.28	290.07	6,288.2	192.0	-476.7	179.6	0.07
Rig Manager	HUBERT SEALS	713-205-2575	6,419.0	7.07	290.47	6,382.4	196.1	-487.8	183.4	0.23
Drilling Tech	PHILLIP ALLEN	737-207-1020	6,513.0	7.00	290.54	6,475.7	174.5	-498.6	187.1	0.08

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
									Next BOP Test	4/1/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Last BOP Function Test	3/12/2020
00	SURFACE	17.500	132	670					Last BOP Drill	
00	INTERMEDIATE 1	12.250	670						Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1-1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670	1571	1-1-PN-A	0-1-NO-PP
2	12.250	SPL616	ULTERRA	49080	0.91	8.00	1571		---	---

**DAILY DRILLING REPORT****UTL 4546A-21-12H**

Report Date: 03/15/2020

Report No: 5

BIT OPERATIONS

Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
2	4,781.00	RT	65.00	65.0	50.0/ 60.0	50/ 60	627.9	3183	97.9
2	4,822.00	SL	41.00	41.0	35.0/ 45.0	0/ 0	627.9	3224	96.2
2	4,886.00	RT	64.00	128.0	50.0/ 60.0	50/ 60	627.9	3288	96.7
2	4,914.00	SL	28.00	56.0	30.0/ 40.0	0/ 0	627.9	3316	96.1
2	4,980.00	RT	66.00	132.0	50.0/ 60.0	50/ 60	627.9	3382	96.6
2	5,010.00	SL	30.00	30.0	20.0/ 30.0	0/ 0	627.9	3412	94.8
2	5,074.00	RT	64.00	128.0	60.0/ 65.0	50/ 60	627.9	3476	95.2
2	5,104.00	SL	30.00	60.0	15.0/ 25.0	0/ 0	627.9	3506	94.8
2	5,169.00	RT	65.00	130.0	20.0/ 42.0	60/ 60	627.9	3571	95.2
2	5,194.00	SL	25.00	25.0	15.0/ 20.0	0/ 0	627.9	3596	93.4
2	5,268.00	RT	74.00	148.0	25.0/ 35.0	30/ 50	627.9	3670	94.1
2	5,285.00	SL	17.00	34.0	18.0/ 20.0	0/ 0	627.9	3687	93.3
2	5,841.00	RT	556.00	158.9	25.0/ 32.0	60/ 70	627.9	4243	98.7
2	5,859.00	SL	18.00	36.0	10.0/ 15.0	0/ 0	627.9	4261	98.0
2	5,933.00	RT	74.00	74.0	30.0/ 40.0	70/ 70	627.9	4335	97.4
2	5,953.00	SL	20.00	20.0	15.0/ 25.0	0/ 0	627.9	4355	95.7
2	6,008.00	RT	55.00	110.0	20.0/ 25.0	50/ 50	627.9	4410	95.9
2	6,023.00	SL	18.00	18.0	15.0/ 25.0	0/ 0	627.9	4428	94.2
2	6,041.00	SL	18.00	18.0	25.0/ 35.0	0/ 0	627.9	4446	92.6
2	6,400.00	RT	359.00	119.7	30.0/ 40.0	50/ 65	627.9	4805	94.2
2	6,423.00	SL	23.00	46.0	30.0/ 40.0	0/ 0	627.9	4828	93.7
2	6,495.00	RT	72.00	144.0	35.0/ 45.0	50/ 60	627.9	4900	94.2
2	6,511.00	SL	16.00	32.0	20.0/ 30.0	0/ 0	627.9	4916	93.6
2	6,590.00	RT	79.00	79.0	30.0/ 40.0	50/ 60	627.9	4995	93.4
2	6,611.00	SL	21.00	21.0	25.0/ 35.0	0/ 0	627.9	5016	92.0

BHA

BHA#: 2		Bit#: 2		BHA Name: INTERMEDIATE			MD In: 1571 ft		MD Out:		
Component	Qty	OD	ID	Length	Top Thread	Manufacturer		Description			
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF						
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL					
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL					
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL					
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL		MONEL			
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL					
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL					
Steerable Motor	1	9.620	3.000	36.26	NC56	TOTAL					
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA					
						Total Length		1,298.84 ft		Total Weight	0



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/15/2020

Report No: 5

MUD DATA (STELLAR OILFIELD RENTALS, LLC)				TORQUE & DRAG			
Engineer:	CHRIS WRIGHT	Sand (%):	0.05	MD:	6611 ft	PU Wt:	240.0 kip
Sample From:	IN	LGS (%):	9.32	TVD:	6573 ft	SO Wt:	190.0 kip
Mud Type:	Water	MBT (lbm/bbl):		Max Overpull:	240.0 kip	Off Btm Rot Wt:	220.0 kip
Time/ MD (ft):	04:00 / 6036	pH:	9.00	Actual Hook Load:	220.0 kip	Drag:	20.0 kip
Density (ppg) @ Temp:	8.90 / 96.00	Pm/ Pom (cc):	0.04 /	Torque Off Btm:	3.0 ft-lbf		
Rheology Temp (°F):	150.00	Pf/ Mf (cc):	0.01 /0.03	Torque On Btm:	19.0 ft-lbf		
Viscosity (s/qt):	50.00	Chlorides (ppm):	145,000				
PV/ YP (cp):	1.00 / 4.000	CaCl2 (%):	N/A				
6/ 3 RPM:	2.00 / 1.00	Total Hardness (ppm):	1750				
Gels 10s/10m/30m:	1.00 /1.00 /1.00	Lime (lbm/bbl):					
API WL (cc/30min):	14.0	ES:					
HTHP WL (cc/30min):	0.0	ECD:	9.04				
Cake API/ HTHP (32nd"):2.0 /0.0		H2O Added (bbl):					
Solid/ Sol Corr (%):		Oil Added (bbl):					
Oil/ Water % (%):							

MUD PUMPS										
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)		
1	NATIONAL	12-P-160	95.00	3,700.00	102.00	6.000	427.0	4.186		
1	NATIONAL	12-P-160	95.00	3,700.00	98.00	6.000	410.2	4.186		
1	NATIONAL	12-P-160	95.00	2,300.00	88.00	6.000	368.4	4.186		
1	NATIONAL	12-P-160	95.00	3,700.00	85.00	6.000	355.8	4.186		
1	NATIONAL	12-P-160	95.00	3,300.00	102.00	6.000	427.0	4.186		
1	NATIONAL	12-P-160	95.00	3,300.00	99.00	6.000	414.4	4.186		
1	NATIONAL	12-P-160	95.00	2,100.00	78.00	6.000	326.5	4.186		
1	NATIONAL	12-P-160	95.00	2,100.00	72.00	6.000	301.4	4.186		
									Total	-6,659.00

PERSONNEL				BULK CONSUMPTION			
Company Name	Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance
PDC LOGIC	11	132.00	DIESEL	7,877.00	6,000.00	2,842.00	11,035.00
RUSCO OPERATING LLC	2	24.00	OBM DIESEL	5,040.00	15,608.00	19,178.00	1,470.00
STELLAR DRILLING FLUIDS LLC	1	12.00					
TOTAL DIRECTIONAL SERVICES, LLC	4	48.00					
	Total	18	216.00			Total	22,020.00

INCIDENT REPORT	
Safety Incident? N	Incident Comments
Incident Type	
Days Since Last RI	
Days Since Last LTI	

COMMENTS

START DATE: 03/11/2020 AT 17:00
NPT DAY: 0.0 HRS / NPT TOTAL FOR THE WELL: 18 HRS
NPT ICD 319 / DAY: 0.0 HRS
NPT ICD 319 / WELL: 12.0 HRS
NPT THIRD PARTY / DAY: 0.0 HRS
NPT THIRD PARTY / WELL: 6.0 HRS

NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020
NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020
NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPTS:
NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB:

SURFACE TD: 670'- 3/11/2020 AT 03:00
SURFACE RELEASE: 3/11/2020 AT 17:00
INTERMEDIATE TD:
INT. RELEASE:
KOP:
EOC:
TD:
RIG RELEASE:

DAILY HSE INFO NUMBERS:

NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 15

UNSAFE BBS CARDS- 12

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS

**DAILY DRILLING REPORT****UTL 4546A-21-12H****Report Date:** 03/15/2020**Report No:** 5**WELL COST**

A/E	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	STELLAR DRILLING FLUIDS LLC	MUD ENG/ MATERIAL/ CHEMICALS	\$21,665.88
JAG-10404D	0160.1030.01	CONTRACT DRILLING - DRILLING RIG DAY RATE	INDEPENDENCE OILFIELD CHEMICALS LLC	INDEPENDENCE CONTRACT DRILLING	\$16,000.00
JAG-10404D	0160.3052.01	MUD & CHEMICALS - DIESEL COST	THOMAS OILFIELD SERVICES	DELIVERY OF 7301 GALLONS	\$11,243.03
JAG-10404D	0160.0160.01	FUEL & POWER	INDUSTRIAL OILS, INC.	7007 GALLONS FOR RIG	\$10,740.48
JAG-10404D	0160.0160.01	FUEL & POWER	THOMAS OILFIELD SERVICES	6000 GALLONS FOR RIG	\$9,242.25
JAG-10404D	0160.1100.01	SUPERVISION - DRILLING CONSULTANT	RUSCO OPERATING LLC	2000/DAY X2	\$6,000.00
JAG-10404D	0160.2121.01	DIRECTIONAL SERVICES - INTERMEDIATES	TOTAL DIRECTIONAL SERVICES, LLC	DIRECTIONAL DRILLING	\$6,000.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	SOLID CONTROL EQUIPMENT(MI SWACO)	\$3,300.00
JAG-10404D	0160.3052.01	MUD & CHEMICALS - DIESEL COST	THOMAS OILFIELD SERVICES	1300 GALLONS FOR MUD	\$1,999.24
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	PASON SYSTEMS USA CORP	600/DAY	\$1,210.00
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	MENDFORD TRUCKING	DELIVERY OF BRINE WATER	\$1,080.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	CIVEO USA LLC	MANCAMP TRAILERS & GENERATOR	\$973.00
JAG-10404D	0160.6052.01	MUD & CHEMICALS - MUD PLANT	PEAK OILFIELD SERVICES LLC	MAN CAMP / SUPT	\$845.00
JAG-10404D	0160.2067.01	SAFETY - SAFETY SUPERVISOR	DTC ENERGY GROUP INC	650/DAY SAFETY MAN	\$650.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	TANK FARM AND PREMIX	\$515.00
JAG-10404D	0160.2100.01	SUPERVISION - FIELD SUPERINTENDENT	DTC ENERGY GROUP INC	FIELD SUPER- \$400/DAY	\$400.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	WEATHERFORD U.S. LP	ROTATING HEAD AND ORBIT VALVE 130/DAY	\$400.00
JAG-10404D	0160.1067.01	SAFETY - SAFETY RENTAL EQUIPMENT	TOTAL SAFETY US INC	H2S EQUIPMENT 300/DAY	\$350.00
JAG-10404D	0160.0150.01	OVERHEAD	PARSLEY ENERGY OPERATIONS	300/DAY	\$321.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	STONE OILFIELD SERVICES, INC	4 TRANSFER PUMPS	\$320.00
JAG-10404D	0160.1061.01	RENTALS & EQUIPMENT - DOWN HOLE	BLUE QUAIL ENERGY SERVICES	HWDP RENTAL \$9/DAY(18)	\$300.00
JAG-10404D	0160.0080.01	GEOLOGICAL SERVICES	DIVERSIFIED WELL LOGGING, LLC	GAS SNIFFER	\$250.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	EAST TEXAS OILFIELD SUPPLY COMPANY	MUD BUCKET	\$250.00
JAG-10404D	0160.2165.01	COMMUNICATIONS - PHONES/ INTERNET/ INTERCOM	POWERSAT COMMUNICATIONS USA LP	230 / DAY	\$230.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	SCHLUMBERGER TECHNOLOGY CORPORATION	DRILLING CHOKE/ MI SWACO	\$225.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	STONE OILFIELD SERVICES, INC	5 LIGHT TOWERS \$45/DAY	\$225.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	CORVA AI LLC	CORVA - DATA COLLECTION \$180/ PER DAY	\$200.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	PAYZONE ENERGY SERVICES LLC	SUPER CHOKE & DSA	\$185.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MIDCENTRAL ENERGY SERVICES LLC	VBR AT \$75 EACH	\$150.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	2-OPEN TOP TANKS	\$125.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	BLACK DIAMOND OILFIELD RENTALS	IN LINE SCREEN	\$100.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	SWIFTWATER ENERGY SERVICES LLC	FAST LINE, METERS, PUMPS & GEN RENTAL\$510	\$65.00



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/15/2020

Report No: 5

WELL COST

AFE	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MONAHANS NIPPLE-UP SERVICE	26" BOP SPOOL	\$65.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	CLASSIC OILFIELD SERVICES LP	OPEN TOPS 30 DAY X1	\$38.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	MCNEESE TRUCKING	TRASH TRAILER & PORTA CANS	\$35.00
DAILY COST TOTAL					\$95,697.88



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/16/2020

Report No: 6

Estimated Rig Move/Skid: 03/21/2020

Planned TD:	22,439 ft	API No:	4249534473	Rig Name:	ICD 319	Total Drilling AFE:	\$ 0.00
End of Report MD/TVD:	7149 /7109 ft	Property No:	10489J	Area:	TEXAS - WINKLER	Daily Cost:	\$ 87,572.01
Daily Footage:	538 ft	Latitude:	31.67233386	Event:	INTERMEDIATE	Cumulative Phase Cost:	\$ 466,497.46
Rig Datum:	Rig #1 @ 2,789.00 ft	Longitude:	-103.21730332	AFE Number:		Cumulative CTD:	\$778,489.74

Current Operation (6:00 AM): DRILLING 12-1/4 INTERMEDIATE AT A DEPTH OF 7,221' HOLDING 150 PSI ON BACKSIDE WITH 8.9 PPG PINK MUD

24-Hr Summary: DRILLED F/6,611' T/6,858', PERFORMED RIG SERVICE, CHANGED OUT SWAB ON PUMP #2, DRILLED F/6,858'-T/6,974', PERFORMED FLOW CHECK, DRILL F/6,974'-T/6,997', CLEANED OUT LINES FROM DRILLING CHOKE DUE TO BEING PACKED OFF, DRILLED F/6,997'-T/7,149'

24-Hr Forecast: CONTINUE DRILLING 12-1/4 INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	5:30	5.50	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMDIATE F/6611-6858 ROT: 160' SLIDE: 87' WOB 20-35 GPM 700-850 RPM 60-70 DIFF 100-500 SPP 2200-3500 TQ 15-18 MW 8.9/ VIS 44 FORMATION CHERRY CANYON LAST SURVEY: 6795 INC-5.92 AZM-284.54 TVD-6755.85 9A/ 11R	6611	6858
5:30	6:00	0.50	DINT1	RIG REPAIR / MAINTENANCE	SERVICE RIG (AS PER CONTRACT, LESS THAN 2 HRS PER DAY)	P	RIG SERVICE TOP DRIVE, DRAWWORKS, BLOCKS	6858	6858
6:00	6:30	0.50	DINT1	RIG REPAIR / MAINTENANCE	SERVICE RIG (AS PER CONTRACT, LESS THAN 2 HRS PER DAY)	P	CIRCULATE WHILE CHANGING OUT SWAB ON MP#2	6858	6858
6:30	13:00	6.50	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMDIATE F/6858-6974 ROT: 53' SLIDE: 63' WOB 20-35 GPM 700-850 RPM 60-70 DIFF 100-500 SPP 2200-3500 TQ 15-18 MW 8.9/ VIS 38 FORMATION CHERRY CANYON LAST SURVEY: 6889 INC-5.42 AZM-285.44 TVD-6849.39 12A/ 11R	6858	6974
13:00	13:30	0.50	DINT1	WELL CONTROL	WELL CONTROL	P	PERFORM FLOW CHECK DUE TO 8 BBL GAIN, DECISION MADE TO DRILL THROUGH THE CHOKE	6974	6974
13:30	16:00	2.50	DINT1	DRILLING	DRILLING NEW HOLE	P	SLIDE F/6974-6997 WOB-25 GPM-711 SPP-2170 DIFF-120	6974	6997
16:00	18:00	2.00	DINT1	RIG REPAIR / MAINTENANCE	THIRD PARTY EQUIPMENT REPAIRS	U	WORKED ON PACKED OFF LINES ON DRILLING CHOKE. REMOVED HOSES AND FOUND LINES PACKED OFF WITH CUTTINGS. CLEANED LINES AND RIGGED BACK UP TO CHOKE	6997	6997
18:00	0:00	6.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMDIATE F/6997-7149 ROT: 93' SLIDE: 53' WOB 20-35 GPM 650-750 RPM 40-55 DIFF 100-500 SPP 2200-3300 TQ 15-18 MW 9.0/ VIS 38 FORMATION CHERRY CANYON LAST SURVEY: 6889 INC-5.42 AZM-285.44 TVD-6849.39 12A/ 11R	6997	7149

Total Time 24.00

CONTACTS

			SURVEY DATA (LAST 7)							
WSM	BRETT STRONG	970-201-4700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	6,513.0	7.00	290.54	6,475.7	200.1	-498.6	187.1	0.08
SR. Superintendent	JOEY SIMS	432-250-4182	6,607.0	6.84	289.87	6,569.0	204.0	-509.2	190.8	0.19
Field Superintendent	CHAD MILLER	307-333-3907	6,701.0	6.32	286.45	6,662.4	207.4	-519.5	193.9	0.69
Drilling Engineer	TANNER PALMER	512-220-6180	6,795.0	5.92	284.54	6,755.9	210.1	-529.1	196.3	0.48
Geologist	JAMES DURNAN	737-704-2321	6,889.0	5.42	285.44	6,849.4	212.5	-538.1	198.5	0.54
Rig Manager	HUBERT SEALS	713-205-2575	6,983.0	4.33	283.93	6,943.1	214.5	-545.8	200.3	1.17
Drilling Tech	PHILLIP ALLEN	737-207-1020	7,077.0	3.78	287.48	7,036.8	200.1	-552.2	201.9	0.64

**DAILY DRILLING REPORT****UTL 4546A-21-12H**

Report Date: 03/16/2020

Report No: 6

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
									Next BOP Test	4/1/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Last BOP Function Test	3/12/2020
00	SURFACE	17.500	132	670					Last BOP Drill	
00	INTERMEDIATE 1	12.250	670						Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1- 1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670	1571	1-1-PN-A	0- I-NO-PP
2	12.250	SPL616	ULTERRA	49080	0.91	8.00	1571		---	---

BIT OPERATIONS										
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP	
2	6,670.00	RT	59.00	118.0	35.0/ 45.0	50/ 60	611.2	5075	92.3	
2	6,700.00	SL	30.00	30.0	20.0/ 30.0	0/ 0	611.2	5105	91.2	
2	6,765.00	RT	65.00	130.0	30.0/ 40.0	50/ 60	611.2	5170	91.5	
2	6,801.00	SL	36.00	18.0	20.0/ 30.0	0/ 0	611.2	5206	89.0	
2	6,815.00	RT	14.00	28.0	30.0/ 40.0	50/ 60	611.2	5220	88.5	
2	6,836.00	SL	21.00	42.0	20.0/ 30.0	0/ 0	611.2	5241	88.1	
2	6,858.00	RT	22.00	44.0	30.0/ 40.0	50/ 60	611.2	5263	87.7	
2	6,898.00	SL	40.00	13.3	15.0/ 25.0	0/ 0	611.2	5303	84.2	
2	6,921.00	RT	23.00	46.0	25.0/ 35.0	60/ 70	611.2	5326	83.9	
2	6,938.00	SL	17.00	11.3	20.0/ 30.0	0/ 0	611.2	5343	82.2	
2	6,968.00	RT	30.00	60.0	25.0/ 35.0	50/ 60	611.2	5373	82.0	
2	6,974.00	SL	6.00	6.0	20.0/ 30.0	0/ 0	611.2	5379	80.9	
2	6,997.00	SL	23.00	9.2	20.0/ 30.0	0/ 0	611.2	5402	78.3	
2	7,010.00	SL	13.00	13.0	20.0/ 30.0	0/ 0	611.2	5415	77.4	
2	7,025.00	RT	15.00	30.0	30.0/ 35.0	45/ 55	611.2	5430	77.0	
2	7,040.00	SL	15.00	15.0	20.0/ 30.0	0/ 0	611.2	5445	76.2	
2	7,060.00	RT	20.00	40.0	30.0/ 35.0	45/ 55	611.2	5465	75.9	
2	7,082.00	SL	22.00	14.7	25.0/ 35.0	0/ 0	611.2	5487	74.7	
2	7,140.00	RT	58.00	116.0	30.0/ 35.0	40/ 50	611.2	5545	74.9	
2	7,149.00	SL	9.00	9.0	20.0/ 30.0	0/ 0	611.2	5554	74.1	

BHA										
BHA#:	2	Bit#:	2	BHA Name: INTERMEDIATE				MD In:	1571 ft	MD Out:
Component	Qty	OD	ID	Length	Top Thread	Manufacturer	Description			
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF					
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL				
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL				
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL				
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL	MONEL			
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL				
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL				
Steerable Motor	1	9.620	3.000	36.26	NC56	TOTAL				
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA				
							Total Length	1,298.84 ft	Total Weight	0

DAILY HSE INFO NUMBERS:

NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 12

UNSAFE BBS CARDS- 13

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS

**DAILY DRILLING REPORT****UTL 4546A-21-12H****Report Date:** 03/16/2020**Report No:** 6**WELL COST**

A/E	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.1030.01	CONTRACT DRILLING - DRILLING RIG DAY RATE	INDEPENDENCE OILFIELD CHEMICALS LLC	INDEPENDENCE CONTRACT DRILLING	\$16,000.00
JAG-10404D	0160.3052.01	MUD & CHEMICALS - DIESEL COST	INDUSTRIAL OILS, INC.	8006 GALLONS FOR MUD	\$12,169.12
JAG-10404D	0160.3052.01	MUD & CHEMICALS - DIESEL COST	THOMAS OILFIELD SERVICES	7200 GALLOS FOR MUD	\$11,103.00
JAG-10404D	0160.0160.01	FUEL & POWER	INDUSTRIAL OILS, INC.	6006 GALLONS FOR RIG	\$9,129.12
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	STELLAR DRILLING FLUIDS LLC	MUD ENG/ MATERIAL/ CHEMICALS	\$7,818.77
JAG-10404D	0160.2121.01	DIRECTIONAL SERVICES - INTERMEDIATES	TOTAL DIRECTIONAL SERVICES, LLC	DIRECTIONAL DRILLING	\$6,000.00
JAG-10404D	0160.1100.01	SUPERVISION - DRILLING CONSULTANT	RUSCO OPERATING LLC	2000/DAY X2	\$6,000.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	SOLID CONTROL EQUIPMENT	\$3,300.00
JAG-10404D	0160.1053.01	DISPOSAL/ENVIRO-TRUCK/HAUL CUTTINGS & DIRTY FLUID	SPRINT ENERGY SERVICES	DISPOSAL OF CUTTINGS	\$2,700.00
JAG-10404D	0160.2053.01	DISPOSAL/ENVIRO-DISPOSAL SITE & CUTTINGS REMED	SPRINT ENERGY SERVICES	DISPOSAL OF DIRTY FLUID	\$2,600.00
JAG-10404D	0160.1053.01	DISPOSAL/ENVIRO-TRUCK/HAUL CUTTINGS & DIRTY FLUID	MENDFORD TRUCKING	HAULING DIRTY FLUID TO DISPOSAL	\$1,700.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	PASON SYSTEMS USA CORP	\$1235/DAY PASON-\$50/DAY TOTCO	\$1,285.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	CIVEO USA LLC	MANCAMP TRAILERS & GENERATOR	\$973.00
JAG-10404D	0160.6052.01	MUD & CHEMICALS - MUD PLANT	PEAK OILFIELD SERVICES LLC	MAN CAMP / SUPT	\$845.00
JAG-10404D	0160.2067.01	SAFETY - SAFETY SUPERVISOR	DTC ENERGY GROUP INC	650/DAY SAFETY MAN	\$650.00
JAG-10404D	0160.0130.01	TRUCKING - HOT SHOTS	RISING STAR HOT SHOT LLC	DELIVERY OF REAMER	\$550.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	TANK FARM AND PREMIX	\$515.00
JAG-10404D	0160.2100.01	SUPERVISION - FIELD SUPERINTENDENT	DTC ENERGY GROUP INC	FIELD SUPER- \$400/DAY	\$400.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	WEATHERFORD U.S. LP	ROTATING HEAD AND ORBIT VALVE 130/DAY	\$400.00
JAG-10404D	0160.1067.01	SAFETY - SAFETY RENTAL EQUIPMENT	TOTAL SAFETY US INC	H2S EQUIPMENT 300/DAY	\$350.00
JAG-10404D	0160.0150.01	OVERHEAD	PARSLEY ENERGY OPERATIONS	300/DAY	\$321.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	STONE OILFIELD SERVICES, INC	4 TRANSFER PUMPS	\$320.00
JAG-10404D	0160.1061.01	RENTALS & EQUIPMENT - DOWN HOLE	BLUE QUAIL ENERGY SERVICES	HWDP RENTAL \$9/DAY(18)	\$300.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	EAST TEXAS OILFIELD SUPPLY COMPANY	MUD BUCKET	\$250.00
JAG-10404D	0160.0080.01	GEOLOGICAL SERVICES	DIVERSIFIED WELL LOGGING, LLC	GAS SNIFFER	\$250.00
JAG-10404D	0160.2165.01	COMMUNICATIONS - PHONES/ INTERNET/ INTERCOM	POWERSAT COMMUNICATIONS USA LP	230 / DAY	\$230.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	SCHLUMBERGER TECHNOLOGY CORPORATION	DRILLING CHOKE/ MI SWACO	\$225.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	STONE OILFIELD SERVICES, INC	5 LIGHT TOWERS \$45/DAY	\$225.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	CORVA AI LLC	CORVA - DATA COLLECTION \$180/ PER DAY	\$200.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	PAYZONE ENERGY SERVICES LLC	SUPER CHOKE & DSA	\$185.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MIDCENTRAL ENERGY SERVICES LLC	VBR AT \$75 EACH	\$150.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	2-OPEN TOP TANKS	\$125.00



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/16/2020

Report No: 6

WELL COST

AFE	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	BLACK DIAMOND OILFIELD RENTALS	IN LINE SCREEN	\$100.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MONAHANS NIPPLE-UP SERVICE	26" BOP SPOOL	\$65.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	SWIFTWATER ENERGY SERVICES LLC	FAST LINE, METERS, PUMPS & GEN RENTAL\$510	\$65.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	CLASSIC OILFIELD SERVICES LP	OPEN TOPS 30 DAY X1	\$38.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	MCNEESE TRUCKING	TRASH TRAILER & PORTA CANS	\$35.00
DAILY COST TOTAL					\$87,572.01



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/17/2020

Report No: 7

Estimated Rig Move/Skid: 03/22/2020

Planned TD:	22,439 ft	API No:	4249534473	Rig Name:	ICD 319	Total Drilling AFE:	\$ 0.00
End of Report MD/TVD:	7817 /7776 ft	Property No:	10489J	Area:	TEXAS - WINKLER	Daily Cost:	\$ 58,597.56
Daily Footage:	668 ft	Latitude:	31.67233386	Event:	INTERMEDIATE	Cumulative Phase Cost:	\$ 525,095.02
Rig Datum:	Rig #1 @ 2,789.00 ft	Longitude:	-103.21730332	AFE Number:		Cumulative CTD:	\$837,087.30

Current Operation (6:00 AM): LAYING DOWN 12-1/4" BHA TO PICK UP 9-7/8 BHA AND RESUME DRILLING INTERMEDIATE INTERVAL

24-Hr Summary: DRILLED F/7,149' T/7,817', CIRCULATE 2.5 BOTTOMS UP TO POOH AND CHANGE OUT BIT/ BHA

24-Hr Forecast: FINISH POOH, L/D 3-8" DC AND TOOLS, PICK UP 9-7/8 BIT/ BHA, TIH, RESUME DRILLING INTERMEDIATE INTERVAL

OPERATIONS

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
0:00	6:00	6.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMDIATE F/6997'- T/7149' ROT: 10' SLIDE: 75' WOB 20-30 GPM 650-750 RPM 40-50 DIFF 150-400 SPP 2200-3300 TQ 15-18	7149	7234
6:00	12:00	6.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMDIATE F/7,149 ' T/7,454'. ROT: 199' SLIDE: 21' WOB 20-45 GPM 650-750 RPM 40-50 DIFF 150-400 SPP 2200-3300 TQ 15-18	7234	7454
12:00	18:00	6.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMDIATE F/7,454' T/7,692 ROT: 217' SLIDE: 21' WOB 20-45 GPM 600-750 RPM 40-50 DIFF 150-400 SPP 2200-3200 TQ 15-18	7454	7692
18:00	21:00	3.00	DINT1	DRILLING	DRILLING NEW HOLE	P	DRILL 12-1/4 INTERMDIATE F/7,692' T/7,817 ROT: 119' SLIDE: 6' WOB 20-45 GPM 600-750 RPM 40-50 DIFF 150-400 SPP 2200-3200 TQ 15-18	7692	7817
21:00	23:30	2.50	DINT1	CIRCULATE	CIRCULATE HOLE CLEAN	U	CIRCULATE 2.5 BOTTOMS UP TO POOH AND CHANGE BIT/MOTOR	7817	7817
23:30	0:00	0.50	DINT1	TRIPPING	TRIPPING OUT OF HOLE (NOT INCLUDING BHA)	U	STRIP OUT OF THE HOLE F/7817-6863	7817	7817

Total Time 24.00

CONTACTS

SURVEY DATA (LAST 7)

WSM	BRETT STRONG	970-201-4700	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	LUIS GARCIA	956-827-3700	7,171.0	3.47	291.44	7,130.6	218.3	-557.8	203.7	0.42
SR. Superintendent	JOEY SIMS	432-250-4182	7,265.0	3.10	286.10	7,224.5	220.0	-562.9	205.3	0.51



DAILY DRILLING REPORT

UTL 4546A-21-12H

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Field Superintendent	CHAD MILLER	307-333-3907	7,359.0	3.14	286.16	7,318.3	221.4	-567.8	206.6	0.04
Drilling Engineer	TANNER PALMER	512-220-6180	7,454.0	3.00	282.02	7,413.2	222.7	-572.7	207.8	0.28
Geologist	JAMES DURNAN	737-704-2321	7,548.0	2.92	280.05	7,507.1	223.6	-577.5	208.6	0.14
Rig Manager	HUBERT SEALS	713-205-2575	7,643.0	3.07	276.77	7,601.9	224.3	-582.4	209.2	0.24
Drilling Tech	PHILLIP ALLEN	737-207-1020	7,738.0	3.28	279.90	7,696.8	218.3	-587.6	209.8	0.29

HOLE SECTIONS					CASING STRINGS				FIT/BOP TEST	
WB	Section	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	String	Hole OD (in)	Top MD (ft)	Bottom MD (ft)	Last BOP Test	3/12/2020
00	CONDUCTOR	22.000	0	132	SURFACE	13.375	25.0	655.0	Next BOP Test	4/1/2020
00	SURFACE	17.500	132	670					Last BOP Function Test	3/12/2020
00	INTERMEDIATE 1	12.250	670	7817					Last BOP Drill	
									Last FIT EMW	12.00
									Last FIT Depth	680

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	17.500	TK69	NOV	A264364	0.90		132	670	1-1-NO-A	1- 1-NO-TD
1	12.250	SPL616	ULTERRA	52037	0.69	8.00	670	1571	1-1-PN-A	0- I-NO-PP
2	12.250	SPL616	ULTERRA	49080	0.91	8.00	1571	7817	---	---

BIT OPERATIONS										
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP	
2	7,234.00	SL	85.00	14.2	25.0/ 35.0	0/ 0	736.7	5639	69.6	
2	7,241.00	SL	7.00	7.0	22.0/ 30.0	0/ 0	736.7	5646	68.9	
2	7,440.00	RT	199.00	66.3	35.0/ 45.0	45/ 50	736.7	5845	68.8	
2	7,467.00	SL	27.00	9.0	25.0/ 35.0	0/ 0	736.7	5872	66.7	
2	7,483.00	RT	16.00	32.0	30.0/ 40.0	45/ 50	736.7	5888	66.5	
2	7,491.00	SL	8.00	5.3	20.0/ 30.0	0/ 0	736.7	5896	65.5	
2	7,692.00	RT	201.00	67.0	50.0/ 60.0	50/ 60	736.7	6097	65.6	
2	7,811.00	RT	119.00	47.6	45.0/ 55.0	45/ 50	736.7	6216	65.1	
2	7,817.00	SL	6.00	12.0	20.0/ 30.0	0/ 0	736.7	6222	64.8	

BHA											
BHA#: 2		Bit#: 2		BHA Name: INTERMEDIATE				MD In: 1571 ft		MD Out: 7817 ft	
Component	Qty	OD	ID	Length	Top Thread	Manufacturer		Description			
Heavy Weight Drill Pipe	30	5.000	3.000	1,098.76	NC38 IF						
Cross Over	1	7.875	2.810	2.43	NC56	TOTAL					
Drill Collar	3	8.000	2.810	88.09	NC56	TOTAL					
Non-Mag Drill Collar	1	8.000	3.250	30.20	NC56	TOTAL					
MWD Tool	1	8.000	3.250	30.47	NC56	TOTAL		MONEL			
Muleshoe Sub	1	8.000	3.375	3.36	NC56	TOTAL					
Integral Blade Stabilizer	1	11.750	2.810	7.77	NC56	TOTAL					
Steerable Motor	1	9.620	3.000	36.26	NC56	TOTAL					
Polycrystalline Diamond Bit	1	12.250		1.50	NC56	ULTERRA					
						Total Length		1,298.84 ft		Total Weight	0



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date: 03/17/2020

Report No: 7

MUD DATA (STELLAR OILFIELD RENTALS, LLC)					TORQUE & DRAG				
Engineer:	CHRIS WRIGHT		Sand (%):	0.05	MD:	PU Wt:			
Sample From:	IN		LGS (%):	8.79	TVD:	SO Wt:			
Mud Type:	Oil		MBT (lbm/bbl):	N/A	Max Overpull:	Off Btm Rot Wt:			
Time/ MD (ft):	04:00 / 7559		pH:	N/A	Actual Hook Load:	Drag:			
Density (ppg) @ Temp:	8.90 / 98.00		Pm/ Pom (cc):		Torque Off Btm:				
Rheology Temp (°F):	150.00		Pf/ Mf (cc):	N/A	Torque On Btm:				
Viscosity (s/qt):	40.00		Chlorides (ppm):	N/A	NPT				
PV/ YP (cp):	7.00 / 5.000		CaCl2 (%):		Responsible Party		Hours	Accum. Hours	
6/ 3 RPM:	2.00 / 1.00		Total Hardness (ppm):	N/A				-6,666.00	
Gels 10s/10m/30m:	3.00 /4.00 /6.00		Lime (lbm/bbl):	0.07	HELMERICH & PAYNE INTERNATIONAL			2.00	
API WL (cc/30min):	40.0		ES:		DRILLING CO. DEPARTMENT				
HTHP WL (cc/30min):	0.0		ECD:	9.05	PARSLEY ENERGY OPERATIONS			2.00	
Cake API/ HTHP (32nd"):2.0 /0.0			H2O Added (bbl):		TOTAL ENERGY SERVICES, LLC		0.00	5.00	
Solid/ Sol Corr (%):			Oil Added (bbl):						
Oil/ Water % (%):	44.00 /56.00								
MUD PUMPS									
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)	
1	NATIONAL	12-P-160	95.00	3,300.00	88.00	6.000	368.4	4.186	
1	NATIONAL	12-P-160	95.00	3,300.00	86.00	6.000	360.0	4.186	
1	NATIONAL	12-P-160	95.00	3,000.00	87.00	6.000	364.2	4.186	
1	NATIONAL	12-P-160	95.00	3,000.00	87.00	6.000	364.2	4.186	
1	NATIONAL	12-P-160	95.00	2,300.00	87.00	6.000	364.2	4.186	
1	NATIONAL	12-P-160	95.00	2,300.00	89.00	6.000	372.6	4.186	
PERSONNEL					BULK CONSUMPTION				
Company Name			Qty	Man-Hrs	Material	Initial	Received	Daily Use	
PDC LOGIC			11	132.00	DIESEL	14,790.00		2,318.00	
RUSCO OPERATING LLC			2	24.00	OBM DIESEL	9,660.00		2,898.00	
STELLAR DRILLING FLUIDS LLC			1	12.00					
TOTAL DIRECTIONAL SERVICES, LLC			4	48.00					
Total			18	216.00			Total	5,216.00	
INCIDENT REPORT									
Safety Incident? N			Incident Comments						
Incident Type									
Days Since Last RI									
Days Since Last LTI									
COMMENTS									
START DATE: 03/11/2020 AT 17:00									
NPT DAY: 3.0 HRS / NPT TOTAL FOR THE WELL: 23 HRS									
NPT ICD 319 / DAY: 0.0 HRS									
NPT ICD 319 / WELL: 12.0 HRS									
NPT THIRD PARTY / DAY: 3.0 HRS									
NPT THIRD PARTY / WELL: 9.0 HRS									
NOTIFIED RRC ON SPUD: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/9/2020									
NOTIFIED RRC ON SURFACE CASING RUN/ CEMENT JOB: SPOKE WITH AUDRY/ OPERATOR #2 ON 3/10/2020									
NOTIFIED RRC ON INTERMEDIATE CASING RUN / CEMENT OPPTS:									
NOTIFIED RRC ON PRODUCTION CASING/ CEMENT JOB:									
SURFACE TD: 670'- 3/11/2020 AT 03:00									
SURFACE RELEASE: 3/11/2020 AT 17:00									
INTERMEDIATE TD:									
INT. RELEASE:									
KOP:									
EOC:									
TD:									
RIG RELEASE:									
DAILY HSE INFO NUMBERS:									



DAILY DRILLING REPORT

UTL 4546A-21-12H

Report Date:

03/17/2020

Report No:

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NEAR MISSES- 0

GOOD CATCHES- 0

JSA COMPLETED- 12

UNSAFE BBS CARDS- 13

WALK AROUNDS & AFTER ACTION W/ HSE- 2 WALK AROUNDS

**DAILY DRILLING REPORT****UTL 4546A-21-12H****Report Date:** 03/17/2020**Report No:** 7**WELL COST**

A/E	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.1030.01	CONTRACT DRILLING - DRILLING RIG DAY RATE	INDEPENDENCE OILFIELD CHEMICALS LLC	INDEPENDENCE CONTRACT DRILLING	\$16,000.00
JAG-10404D	0160.2052.01	MUD & CHEMICALS - DRILLING FLUIDS & ADDITIVES	STELLAR DRILLING FLUIDS LLC	MUD ENG/ MATERIAL/ CHEMICALS	\$14,095.56
JAG-10404D	0160.1100.01	SUPERVISION - DRILLING CONSULTANT	RUSCO OPERATING LLC	2000/DAY X2	\$6,000.00
JAG-10404D	0160.2121.01	DIRECTIONAL SERVICES - INTERMEDIATES	TOTAL DIRECTIONAL SERVICES, LLC	DIRECTIONAL DRILLING	\$6,000.00
JAG-10404D	0160.2053.01	DISPOSAL/ENVIRO-DISPOSAL SITE & CUTTINGS REMED	SPRINT ENERGY SERVICES	DISPOSAL OF CUTTINGS	\$4,500.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	SOLID CONTROL EQUIPMENT	\$3,300.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	PASON SYSTEMS USA CORP	\$1235/DAY PASON-\$50/DAY TOTCO	\$1,285.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	CIVEO USA LLC	MANCAMP TRAILERS & GENERATOR	\$973.00
JAG-10404D	0160.6052.01	MUD & CHEMICALS - MUD PLANT	PEAK OILFIELD SERVICES LLC	MAN CAMP / SUPT	\$845.00
JAG-10404D	0160.2067.01	SAFETY - SAFETY SUPERVISOR	DTC ENERGY GROUP INC	650/DAY SAFETY MAN	\$650.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	TANK FARM AND PREMIX	\$515.00
JAG-10404D	0160.2100.01	SUPERVISION - FIELD SUPERINTENDENT	DTC ENERGY GROUP INC	FIELD SUPER- \$400/DAY	\$400.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	WEATHERFORD U.S. LP	ROTATING HEAD AND ORBIT VALVE 130/DAY	\$400.00
JAG-10404D	0160.1067.01	SAFETY - SAFETY RENTAL EQUIPMENT	TOTAL SAFETY US INC	H2S EQUIPMENT 300/DAY	\$350.00
JAG-10404D	0160.0150.01	OVERHEAD	PARSLEY ENERGY OPERATIONS	300/DAY	\$321.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	STONE OILFIELD SERVICES, INC	4 TRANSFER PUMPS	\$320.00
JAG-10404D	0160.1061.01	RENTALS & EQUIPMENT - DOWN HOLE	BLUE QUAIL ENERGY SERVICES	HWDP RENTAL \$9/DAY(18)	\$300.00
JAG-10404D	0160.2061.01	RENTALS & EQUIPMENT - SURFACE/OUT HOLE	EAST TEXAS OILFIELD SUPPLY COMPANY	MUD BUCKET	\$250.00
JAG-10404D	0160.0080.01	GEOLOGICAL SERVICES	DIVERSIFIED WELL LOGGING, LLC	GAS SNIFFER	\$250.00
JAG-10404D	0160.2165.01	COMMUNICATIONS - PHONES/ INTERNET/ INTERCOM	POWERSAT COMMUNICATIONS USA LP	230 / DAY	\$230.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	STONE OILFIELD SERVICES, INC	5 LIGHT TOWERS \$45/DAY	\$225.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	SCHLUMBERGER TECHNOLOGY CORPORATION	DRILLING CHOKE/ MI SWACO	\$225.00
JAG-10404D	0160.1165.01	COMMUNICATIONS - PASON/ TOTCO	CORVA AI LLC	CORVA - DATA COLLECTION \$180/ PER DAY	\$200.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	ML OWENSCORP LLC	TRAILER NEEDS	\$200.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	PAYZONE ENERGY SERVICES LLC	SUPER CHOKE & DSA	\$185.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MIDCENTRAL ENERGY SERVICES LLC	VBR AT \$75 EACH	\$150.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	TOTAL OILFIELD RENTALS	2-OPEN TOP TANKS	\$125.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	BLACK DIAMOND OILFIELD RENTALS	IN LINE SCREEN	\$100.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	SWIFTWATER ENERGY SERVICES LLC	FAST LINE, METERS, PUMPS & GEN RENTAL\$510	\$65.00
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT □ SURFACE & SITE EQUIPMENT	MONAHANS NIPPLE-UP SERVICE	26" BOP SPOOL	\$65.00
JAG-10404D	0160.5052.01	MUD & CHEMICALS - SURFACE EQUIPMENT	CLASSIC OILFIELD SERVICES LP	OPEN TOPS 30 DAY X1	\$38.00



DAILY DRILLING REPORT
UTL 4546A-21-12H

Report Date: 03/17/2020
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WELL COST

AFE	Cost Code	Account Name	Vendor Name	Description	Daily Cost
JAG-10404D	0160.3061.01	RENTALS & EQUIPMENT - SITE LOCATION RENTALS	MCNEESE TRUCKING	TRASH TRAILER & PORTA CANS	\$35.00
DAILY COST TOTAL					\$58,597.56