



DAILY DRILLING PARTNER REPORT

UTL LJ BELDIN 1211-17-3802VH

Report Date: 11/16/2020

Report No: 11

Estimated Rig Move/Skid: 12/03/2020

End of Report MD/TVD:	18,755 /11,085 ft	API No:	4249534479	Rig Name:	H&P 296	AFE Category 1:	\$ 3,682,389.00
Daily Footage:	1407 ft	Property No:	501668	Area:	TEXAS - WINKLER		
Rig Datum:	Rig #1 @ 2,773.00 ft	Latitude:	31.65687155	Event:	PRODUCTION	Cumulative Cost:	\$ 762,565.11
Ground Elev:	2,743.00 ft	Longitude:	-103.21297882	AFE Number:	JAG-10429D	Total Well Cost:	\$2,215,350.41

Current Operation (6:00 AM):	DRILLING AHEAD AT 18,755'
24-Hr Summary:	DRILLED 7-7/8" LATERAL FROM 17,348' TO 18,755'. CONTROL DRILL FROM 18,660' AS ASSEMBLY BEING PUSHED DOWN AND LEFT.
24-Hr Forecast:	DRILL 7-7/8" LATERAL TO PROJECTED TD AT 21,911'.

OPERATIONS									
From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
6:00	12:00	6.00	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 17,348' TO 17,743'. WITH: 50 RPM 540 GPM 45 KIP WOB 550 - 600 PSI DIFF 5,850 - 6,000 PSI SPP 21,000 - 22,000 FT-LBS TORQUE	17,348	17,743
12:00	18:00	6.00	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 17,743' TO 18,122'. WITH: 50 RPM 540 GPM 45 KIP WOB 650 - 700 PSI DIFF 6,100 - 6,200 PSI SPP 22,000 - 23,000 FT-LBS TORQUE	17,743	18,122
18:00	0:00	6.00	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 18,122' TO 18,445'. WITH: 50 RPM 540 GPM 45 KIP WOB 500 - 650 PSI DIFF 5,950 - 6,050 PSI SPP 23,000 - 24,000 FT-LBS TORQUE	18,122	18,445
0:00	3:15	3.25	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 18,445' TO 18,646'. WITH: 50 RPM 540 GPM 45 KIP WOB 500 - 650 PSI DIFF 5,950 - 6,050 PSI SPP 23,000 - 24,000 FT-LBS TORQUE	18,445	18,646
3:15	3:45	0.50	DPROD	RIG REPAIR / MAINTENANCE	SERVICE RIG (AS PER CONTRACT, LESS THAN 2 HRS PER DAY)	P	RIG SERVICE	18,646	18,646
3:45	6:00	2.25	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 18,646' TO 18,755'. WITH: 30 RPM 540 GPM 30-45 KIP WOB 400 - 600 PSI DIFF 5,800 - 6,000 PSI SPP 19,000 - 22,000 FT-LBS TORQUE *CONTRIL DRILL SECTION. PUSHED DOWN AND LEFT. RSS SET IN TF MODE AT 72 RIGHT.	18,646	18,755

**DAILY DRILLING PARTNER REPORT****UTL LJ BELDIN 1211-17-3802VH****Report Date:** 11/16/2020**Report No:** 11

Total Time 24.00

CONTACTS			SURVEY DATA (LAST 7)							
WSM	CHAD MILLER	307-333-3907	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	DMITRY SMUSHKOV	970-261-1805	18,036.0	91.40	73.82	11,103.1	2,301.9	6,868.7	7,243.4	0.52
SR. Superintendent	JOEY SIMS	432-615-8621	18,131.0	91.04	73.20	11,101.1	2,328.9	6,959.8	7,338.4	0.75
Field Superintendent	JOEY SIMS	432-615-8621	18,226.0	91.51	73.83	11,099.0	2,355.8	7,050.8	7,433.3	0.83
Drilling Engineer	ALEX LINDBLAD	512-505-5185	18,320.0	91.37	73.38	11,096.6	2,382.3	7,141.0	7,527.3	0.50
Geologist	KATY MCGUIRE	512-505-5156	18,415.0	92.16	72.18	11,093.7	2,410.4	7,231.7	7,622.2	1.51
Rig Manager			18,510.0	91.77	71.01	11,090.4	2,440.4	7,321.8	7,717.2	1.30
Drilling Tech	DANIELLE HAMER	512-505-5185	18,604.0	91.20	70.58	11,088.0	2,301.9	7,410.5	7,811.1	0.76

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	26.000	26	139	SURFACE	10.750	30.0	666.5	Next BOP Test	
00	SURFACE	13.500	139	686	INTERMEDIATE 1	8.625	30.0	10,499.3	Last BOP Function Test	
00	INTERMEDIATE 1	9.875	686	10,520					Last BOP Drill	
00	CURVE	7.875	10,520	11,456					Last FIT EMW	14.00
00	PRODUCTION	7.875	11,456						Last FIT Depth	10,530

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	13.500	SKC619M-F2G	REED HYCALOG	A268388	0.90	4.50	139	686	0-0-NO-A	X- I-NO-TD
2	9.875	RPS616	ULTERRA	52593	0.89	4.00	686	8146	4-1-BT-N	X- I-CT-PR
3	9.875	XZ616	SMITH BITS	JV1893	0.90	6.00	8146	9032	2-2-WT-A	X- I-BT-PR
4	9.875	CF613	ULTERRA	50704	0.90	2.00	9032	10,520	---	---
5	7.875	MDI611	SMITH BITS	JP6357	0.66	4.00	10,520	11,643	1-1-WT-A	X- 2-WT-BHA
6	7.875	DD506TX	BAKER	5311069	1.13	5.00	11,643		---	---

BIT OPERATIONS									
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
6	18,755.00	RT	1,407.00	59.9	30.0/ 45.0	30/ 50	540.0	7112	77.3

BHA									
BHA#:	6	Bit#:	6	BHA Name: LATERAL/ PRODUCTION				MD In:	11,643 ft MD Out:
Component	Qty	OD	ID	Length	Top Thread	Manufacturer	Description		
Drill Pipe				18,660.33	NC50 IF	RIG			
Float Sub	1	6.563	2.938	3.66	NC50 IF	ALTITUDE			
Positive Displacement Motor	1	6.500		31.18	NC50 IF	ALTITUDE			
Float Sub	1	6.500	3.000	5.38	NC50 IF	ALTITUDE	FILTER SUB		
Non-Mag Drill Collar	1	6.500	3.140	29.84	NC50 IF	ALTITUDE	FLEX		
MWD Tool	1	6.500	2.875	3.68	NC50 IF	ALTITUDE			
Integral Blade Stabilizer	1	6.750	2.750	6.53	NC50 IF	ALTITUDE			
Steering Tool	1	6.750		13.40	NC50 IF	SCHLUMBERGER	6.75 PD ORBIT		
Polycrystalline Diamond Bit	1	7.875		1.00	API REG	BAKER			
Total Length							18,755.00 ft	Total Weight	0



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MUD DATA (BUCKEYE, INC.)				TORQUE & DRAG						
Engineer:	VANDON VEST	Sand (%):	0.00	MD:	18,755 ft	PU Wt:	300.0 kip			
Sample From:	IN	LGS (%):	10.52	TVD:	11,085 ft	SO Wt:	150.0 kip			
Mud Type:	Oil	MBT (lbm/bbl):	N/A	Max Overpull:		Off Btm Rot Wt:	185.0 kip			
Time/ MD (ft):	05:00 / 18,060	pH:	N/A	Actual Hook Load:		Drag:	115.0 kip			
Density (ppg) @ Temp:	12.35 / 120.00	Pm/ Pom (cc):	0.00 / 2.60	Torque Off Btm:	13,000.0 ft-lbf					
Rheology Temp (°F):	150.00	Pf/ Mf (cc):	N/A	Torque On Btm:	23,000.0 ft-lbf					
Viscosity (s/qt):	61.00	Chlorides (ppm):	N/A	NPT						
PV/ YP (cp):	24.00 / 14.000	CaCl2 (%):	0.0000	Responsible Party		Hours	Accum. Hours			
6/ 3 RPM:	9.00 / 8.00	Total Hardness (ppm):	N/A	BUCKEYE, INC.			2.50			
Gels 10s/10m/30m:	13.00 / 30.00 / 33.00	Lime (lbm/bbl):	3.37	HELMERICH & PAYNE INTERNATIONAL DRILL			1.50			
API WL (cc/30min):	22.0	ES:	790.0	SCHLUMBERGER TECHNOLOGY CORPORATION			14.00			
HTHP WL (cc/30min):	22.0	ECD:	13.45	ULTERRA DRILLING TECHNOLOGIES			11.00			
Cake API/ HTHP (32nd"):3.0 / 3.0		H2O Added (bbl):	0.0	WEATHERFORD U.S. LP			1.00			
Solid/ Sol Corr (%):	0.00 / 23.03	Oil Added (bbl):	0.0							
Oil/ Water % (%):	81.00 / 19.00									
MUD PUMPS										
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)		
									Total	30.00
PERSONNEL				BULK CONSUMPTION						
Company Name		Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance		
ALTITUDE ENERGY PARTNERS LLC		3	36.00	CNG	2,880.00		491.00	2,389.00		
BUCKEYE, INC.		1	12.00	DIESEL	3,382.00	6,978.00	3,400.00	6,960.00		
HELMERICH & PAYNE INTERNATIONAL DRILL		11	132.00	OBM DIESEL	1,300.00	7,007.00	2,200.00	6,107.00		
RUSCO OPERATING LLC		3	36.00							
TOTAL OILFIELD RENTALS, INC.		1	12.00							
WWESCO USA CORPORATION		2	24.00							
Total		21	252.00				Total	6,091.00		
INCIDENT REPORT										
Safety Incident?	N	Incident Comments								
Incident Type										
Days Since Last RI										
Days Since Last LTI	0.00									
COMMENTS										
DAILY 3RD PARTY NPT: 0										
TOTAL 3RD PARTY NPT: 30										
DAILY PARSLEY NPT: 0										
TOTAL PARSLEY NPT: 0										
TOTAL PHASE NPT: 0										
TOTAL WELL NPT: 30										
PRODUCTION: WATER METER INITIAL - 9,432 BBLS										



DAILY DRILLING PARTNER REPORT

UTL LJ BELDIN 1211-17-3802VH

Report Date: 11/17/2020
Report No: 12

Estimated Rig Move/Skid: 11/23/2020

End of Report MD/TVD:	20,065 /11,056 ft	API No:	4249534479	Rig Name:	H&P 296	AFE Category 1:	\$ 3,682,389.00
Daily Footage:	1310 ft	Property No:	501668	Area:	TEXAS - WINKLER		
Rig Datum:	Rig #1 @ 2,773.00 ft	Latitude:	31.65687155	Event:	PRODUCTION	Cumulative Cost:	\$ 852,380.99
Ground Elev:	2,743.00 ft	Longitude:	-103.21297882	AFE Number:	JAG-10429D	Total Well Cost:	\$2,305,166.29

Current Operation (6:00 AM):	DRILLING AHEAD IN THE LATERAL SECTION FROM 20,068'.
24-Hr Summary:	DRILL AHEAD FROM 18,755' TO 20,065' AS PER PLAN #4. WINDOW CHANGE TO 20' BELOW - 50' BELOW AT 18:23.
24-Hr Forecast:	DRILL 7-7/8" LATERAL TO PROJECTED TD AT 21,911'.

OPERATIONS									
From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
6:00	12:00	6.00	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 18,755' TO 19,122'. 367' @ 61.2'/HR 50 RPM 540 GPM 45 KIP WOB 600 - 900 PSI DIFF 6,000 - 6,300 PSI SPP 22,000 - 27,000 FT-LBS TORQUE	18,755	19,122
12:00	18:00	6.00	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 19,122' TO 19,447'. 325' @ 54.2'/HR 50 RPM 540 GPM 45 KIP WOB 600 - 900 PSI DIFF 6,000 - 6,300 PSI SPP 22,000 - 27,000 FT-LBS TORQUE	19,122	19,447
18:00	21:00	3.00	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 19,447' TO 19,594'. 147' @ 49'/HR 50 RPM 540 GPM 45 KIP WOB 500 - 600 PSI DIFF 6,100 - 6,200 PSI SPP 23,000 - 26,000 FT-LBS TORQUE	19,447	19,594
21:00	0:45	3.75	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 19,594' TO 19,784'. 190' @ 50.6'/HR 50-60 RPM 505 GPM 46 KIP WOB 500 - 700 PSI DIFF 5,600 - 5,800 PSI SPP 23,000 - 27,000 FT-LBS TORQUE	19,594	19,784
0:45	2:30	1.75	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 19,784' TO 19,878'. 96' @ 54.9'/HR 50-60 RPM 520 GPM 46 KIP WOB 500 - 700 PSI DIFF 5,800 - 6,000 PSI SPP 23,000 - 27,000 FT-LBS TORQUE	19,784	19,878
2:30	3:00	0.50	DPROD	RIG REPAIR / MAINTENANCE	SERVICE RIG (AS PER CONTRACT, LESS THAN 2 HRS PER DAY)	P	RIG SERVICE	19,878	19,878



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Report Date: 11/17/2020

Report No: 12

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
3:00	6:00	3.00	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 19,878' TO 20,065'. 187' @ 62.3'/HR 50-60 RPM 520 GPM 46 KIP WOB 500 - 700 PSI DIFF 5,800 - 6,000 PSI SPP 23,000 - 27,000 FT-LBS TORQUE	19,878	20,065

Total Time 24.00

CONTACTS				SURVEY DATA (LAST 7)							
WSM	CHAD MILLER	307-333-3907	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS	
Night WSM	JASON TOWNSEND	601-520-4783	19,362.0	91.99	74.96	11,062.2	2,685.1	8,137.1	8,568.3	0.93	
SR. Superintendent	JOEY SIMS	432-615-8621	19,456.0	91.57	74.71	11,059.3	2,709.7	8,227.8	8,662.1	0.52	
Field Superintendent	JOEY SIMS	432-615-8621	19,551.0	90.48	74.30	11,057.6	2,735.1	8,319.3	8,757.1	1.23	
Drilling Engineer	ALEX LINDBLAD	512-505-5185	19,646.0	89.97	74.67	11,057.2	2,760.5	8,410.9	8,852.0	0.66	
Geologist	KATY MCGUIRE	512-505-5156	19,740.0	90.31	75.26	11,057.0	2,784.9	8,501.6	8,945.9	0.72	
Rig Manager			19,835.0	89.92	74.55	11,056.8	2,809.6	8,593.4	9,040.8	0.85	
Drilling Tech	DANIELLE HAMER	512-505-5185	19,930.0	90.36	75.17	11,056.6	2,685.1	8,685.1	9,135.7	0.80	

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	26.000	26	139	SURFACE	10.750	30.0	666.5	Last BOP Function Test	
00	SURFACE	13.500	139	686	INTERMEDIATE 1	8.625	30.0	10,499.3	Last BOP Drill	
00	INTERMEDIATE 1	9.875	686	10,520					Last FIT EMW	14.00
00	CURVE	7.875	10,520	11,456					Last FIT Depth	10,530
00	PRODUCTION	7.875	11,456							

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	13.500	SKC619M-F2G	REED HYCLOG	A268388	0.90	4.50	139	686	0-0-NO-A	X- I-NO-TD
2	9.875	RPS616	ULTERRA	52593	0.89	4.00	686	8146	4-1-BT-N	X- I-CT-PR
3	9.875	XZ616	SMITH BITS	JV1893	0.90	6.00	8146	9032	2-2-WT-A	X- I-BT-PR
4	9.875	CF613	ULTERRA	50704	0.90	2.00	9032	10,520	---	---
5	7.875	MDI611	SMITH BITS	JP6357	0.66	4.00	10,520	11,643	1-1-WT-A	X- 2-WT-BHA
6	7.875	DD506TX	BAKER	5311069	1.13	5.00	11,643		---	---

BIT OPERATIONS									
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
6	20,065.00	RT	1,310.00	55.7	42.0/ 46.0	40/ 60	520.0	8422	72.9

BHA										
BHA#:	6	Bit#:	6	BHA Name: LATERAL/ PRODUCTION				MD In:	11,643 ft	MD Out:
Component	Qty	OD	ID	Length	Top Thread	Manufacturer	Description			
Drill Pipe				19,970.33	NC50 IF	RIG				
Float Sub	1	6.563	2.938	3.66	NC50 IF	ALTITUDE				
Positive Displacement Motor	1	6.500		31.18	NC50 IF	ALTITUDE				
Float Sub	1	6.500	3.000	5.38	NC50 IF	ALTITUDE	FILTER SUB			
Non-Mag Drill Collar	1	6.500	3.140	29.84	NC50 IF	ALTITUDE	FLEX			
MWD Tool	1	6.500	2.875	3.68	NC50 IF	ALTITUDE				
Integral Blade Stabilizer	1	6.750	2.750	6.53	NC50 IF	ALTITUDE				
Steering Tool	1	6.750		13.40	NC50 IF	SCHLUMBERGER	6.75 PD ORBIT			
Polycrystalline Diamond Bit	1	7.875		1.00	API REG	BAKER				
							Total Length	20,065.00 ft	Total Weight	0



DAILY DRILLING PARTNER REPORT

UTL LJ BELDIN 1211-17-3802VH

Report Date: 11/17/2020

Report No: 12

MUD DATA (BUCKEYE, INC.)				TORQUE & DRAG						
Engineer:	VANDON VEST	Sand (%):	0.00	MD:	20,065 ft	PU Wt:	300.0 kip			
Sample From:	IN	LGS (%):	9.74	TVD:	11,056 ft	SO Wt:	0.0 kip			
Mud Type:	Oil	MBT (lbm/bbl):	N/A	Max Overpull:		Off Btm Rot Wt:	186.0 kip			
Time/ MD (ft):	05:00 / 19,400	pH:	N/A	Actual Hook Load:		Drag:	114.0 kip			
Density (ppg) @ Temp:	12.25 / 120.00	Pm/ Pom (cc):	0.00 /3.00	Torque Off Btm:	12,000.0 ft-lbf					
Rheology Temp (°F):	150.00	Pf/ Mf (cc):	N/A	Torque On Btm:	25,000.0 ft-lbf					
Viscosity (s/qt):	58.00	Chlorides (ppm):	N/A	NPT						
PV/ YP (cp):	26.00 / 12.000	CaCl2 (%):	0.0000	Responsible Party		Hours	Accum. Hours			
6/ 3 RPM:	9.00 / 8.00	Total Hardness (ppm):	N/A	BUCKEYE, INC.			2.50			
Gels 10s/10m/30m:	13.00 /26.00 /30.00	Lime (lbm/bbl):	3.89	HELMERICH & PAYNE INTERNATIONAL DRILL			1.50			
API WL (cc/30min):	18.0	ES:	700.0	SCHLUMBERGER TECHNOLOGY CORPORATION			14.00			
HTHP WL (cc/30min):	18.0	ECD:	13.45	ULTERRA DRILLING TECHNOLOGIES			11.00			
Cake API/ HTHP (32nd"):3.0 /3.0		H2O Added (bbl):	0.0	WEATHERFORD U.S. LP			1.00			
Solid/ Sol Corr (%):	0.00 /22.43	Oil Added (bbl):	0.0							
Oil/ Water % (%):	82.00 /18.00									
MUD PUMPS										
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)		
									Total	30.00
PERSONNEL				BULK CONSUMPTION						
Company Name		Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance		
ALTITUDE ENERGY PARTNERS LLC		3	36.00	CNG	2,389.00		451.00	1,938.00		
BUCKEYE, INC.		1	12.00	DIESEL	6,960.00	7,003.00	3,580.00	10,383.00		
HELMERICH & PAYNE INTERNATIONAL DRILL		11	132.00	OBM DIESEL	6,107.00		2,700.00	3,407.00		
RUSCO OPERATING LLC		3	36.00							
TOTAL OILFIELD RENTALS, INC.		1	12.00							
WWESCO USA CORPORATION		2	24.00							
Total		21	252.00				Total	6,731.00		
INCIDENT REPORT										
Safety Incident?	N	Incident Comments								
Incident Type										
Days Since Last RI										
Days Since Last LTI										
COMMENTS										
DAILY 3RD PARTY NPT: 0										
TOTAL 3RD PARTY NPT: 30										
DAILY PARSLEY NPT: 0										
TOTAL PARSLEY NPT: 0										
TOTAL PHASE NPT: 0										
TOTAL WELL NPT: 30										
PRODUCTION: WATER METER INITIAL - 9,432 BBLs										



DAILY DRILLING PARTNER REPORT

UTL LJ BELDIN 1211-17-3802VH

Report Date: 11/18/2020

Report No: 13

Estimated Rig Move/Skid: 11/23/2020

End of Report MD/TVD:	21,096 / 11,057 ft	API No:	4249534479	Rig Name:	H&P 296	AFE Category 1:	\$ 3,682,389.00
Daily Footage:	1031 ft	Property No:	501668	Area:	TEXAS - WINKLER		
Rig Datum:	Rig #1 @ 2,773.00 ft	Latitude:	31.65687155	Event:	PRODUCTION	Cumulative Cost:	\$ 968,262.40
Ground Elev:	2,743.00 ft	Longitude:	-103.21297882	AFE Number:	JAG-10429D	Total Well Cost:	\$2,421,047.70

Current Operation (6:00 AM):	DRILLING AHEAD FROM 21,096'.
24-Hr Summary:	DRILLED 7 7/8" LATERAL FROM 20,065' TO 21,096'.
24-Hr Forecast:	DRILL AS PER PLAN TO PROJECTED TD.

OPERATIONS									
From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
6:00	12:00	6.00	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 20,065' TO 20,357'. 292' @ 48.6'/HR 50-60 RPM 520 GPM 46 KIP WOB 500 - 700 PSI DIFF 5,800 - 6,000 PSI SPP 23,000 - 27,000 FT-LBS TORQUE	20,065	20,357
12:00	12:45	0.75	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 20,357' TO 20,387'. 30' @ 40'/HR 50-60 RPM 520 GPM 46 KIP WOB 500 - 700 PSI DIFF 5,800 - 6,000 PSI SPP 23,000 - 27,000 FT-LBS TORQUE	20,357	20,387
12:45	13:30	0.75	DPROD	RIG REPAIR / MAINTENANCE	RIG REPAIR (NPT, LESS THAN 6 HRS PER WEEK)	N	TROUBLESHOOT MP #2 WHILE REPLACING SWAB AND LINER ON PUMP #3.	20,387	20,387
13:30	18:00	4.50	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 20,357' TO 20,635'. 248' @ 55.1'/HR 50-60 RPM 520 GPM 46 KIP WOB 500 - 700 PSI DIFF 5,800 - 6,000 PSI SPP 23,000 - 27,000 FT-LBS TORQUE	20,387	20,635
18:00	0:00	6.00	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 20,635' TO 20,915'. 280' @ 46.7'/HR 50-60 RPM 520 GPM 46 KIP WOB 500 - 700 PSI DIFF 5,900 - 6,100 PSI SPP 23,000 - 27,000 FT-LBS TORQUE	20,635	20,915
0:00	3:00	3.00	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 20,915' TO 21,012'. 97' @ 32.3'/HR 30-50 RPM 520 GPM 41-46 KIP WOB 300 - 500 PSI DIFF 5,700 - 5,900 PSI SPP 22,000 - 26,000 FT-LBS TORQUE *CONTROL DRILL TO ALLOW RSS TO STEER UP. PUSHED DOWN TO 89.5 CONSISTENT WITH TOOL SETTING AT 91.5.	20,915	21,012



DAILY DRILLING PARTNER REPORT

UTL LJ BELDIN 1211-17-3802VH

Report Date: 11/18/2020

Report No: 13

From	To	Hrs	Phase	Code	Subcode	Class	Details	Start MD(ft)	End MD(ft)
3:00	3:30	0.50	DPROD	RIG REPAIR / MAINTENANCE	SERVICE RIG (AS PER CONTRACT, LESS THAN 2 HRS PER DAY)	P	RIG SERVICE	21,012	21,012
3:30	6:00	2.50	DPROD	DRILLING	DRILLING NEW HOLE	P	DRILLED 7-7/8" LATERAL FROM 21,012' TO 21,096'. 84' @ 33.6'/HR 30-60 RPM 520 GPM 45-48 KIP WOB 300 - 500 PSI DIFF 5,700 - 5,900 PSI SPP 24,000 - 29,000 FT-LBS TORQUE *CONTROL DRILL TO ALLOW RSS TO STEER UP. PUT IN 0/100 TF MODE. DOWNLINK TO HIA ONCE UP AT 91.8 DEG.	21,012	21,096

Total Time	24.00
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CONTACTS			SURVEY DATA (LAST 7)							
WSM	CHAD MILLER	307-333-3907	MD	Incl	Azi	TVD	N-S	E-W	VS	DLS
Night WSM	JASON TOWNSEND	601-520-4783	20,403.0	89.83	74.71	11,057.9	2,960.5	9,140.9	9,608.3	0.73
SR. Superintendent	JOEY SIMS	432-615-8621	20,498.0	90.28	74.39	11,057.8	2,985.8	9,232.5	9,703.2	0.58
Field Superintendent	JOEY SIMS	432-615-8621	20,592.0	90.53	75.01	11,057.1	3,010.6	9,323.2	9,797.1	0.71
Drilling Engineer	ALEX LINDBLAD	512-505-5185	20,686.0	90.00	74.68	11,056.7	3,035.2	9,413.9	9,891.0	0.66
Geologist	KATY MCGUIRE	512-505-5156	20,781.0	89.80	74.90	11,056.9	3,060.1	9,505.6	9,986.0	0.31
Rig Manager			20,875.0	89.66	74.92	11,057.3	3,084.6	9,596.3	10,079.9	0.15
Drilling Tech	DANIELLE HAMER	512-505-5185	20,970.0	90.17	74.59	11,057.4	2,960.5	9,688.0	10,174.8	0.64

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	26.000	26	139	SURFACE	10.750	30.0	666.5	Last BOP Function Test	
00	SURFACE	13.500	139	686	INTERMEDIATE 1	8.625	30.0	10,499.3	Last BOP Drill	
00	INTERMEDIATE 1	9.875	686	10,520					Last FIT EMW	14.00
00	CURVE	7.875	10,520	11,456					Last FIT Depth	10,530
00	PRODUCTION	7.875	11,456							

BIT RECORDS										
Bit No	Size	Model	Manufacturer	Serial No	TFA	GL	MD In	MD Out	I-O-D-L	B-G-O-R
1	13.500	SKC619M-F2G	REED HYCALOG	A268388	0.90	4.50	139	686	0-0-NO-A	X- I-NO-TD
2	9.875	RPS616	ULTERRA	52593	0.89	4.00	686	8146	4-1-BT-N	X- I-CT-PR
3	9.875	XZ616	SMITH BITS	JV1893	0.90	6.00	8146	9032	2-2-WT-A	X- I-BT-PR
4	9.875	CF613	ULTERRA	50704	0.90	2.00	9032	10,520	---	---
5	7.875	MDI611	SMITH BITS	JP6357	0.66	4.00	10,520	11,643	1-1-WT-A	X- 2-WT-BHA
6	7.875	DD506TX	BAKER	5311069	1.13	5.00	11,643		---	---

BIT OPERATIONS									
Bit No	Ending MD	Activity	FT Drilled	ROP	WOB min/max	RPM min/max	GPM	Accum FTG Drilled	Accum ROP
6	21,096.00	RT	1,031.00	45.3	40.0/ 48.0	30/ 60	525.0	9453	68.4



DAILY DRILLING PARTNER REPORT

UTL LJ BELDIN 1211-17-3802VH

Report Date: 11/18/2020

Report No: 13

BHA

BHA#: 6		Bit#: 6		BHA Name: LATERAL/ PRODUCTION			MD In: 11,643 ft		MD Out:	
Component	Qty	OD	ID	Length	Top Thread	Manufacturer	Description			
Drill Pipe				21,001.33	NC50 IF	RIG				
Float Sub	1	6.563	2.938	3.66	NC50 IF	ALTITUDE				
Positive Displacement Motor	1	6.500		31.18	NC50 IF	ALTITUDE				
Float Sub	1	6.500	3.000	5.38	NC50 IF	ALTITUDE	FILTER SUB			
Non-Mag Drill Collar	1	6.500	3.140	29.84	NC50 IF	ALTITUDE	FLEX			
MWD Tool	1	6.500	2.875	3.68	NC50 IF	ALTITUDE				
Integral Blade Stabilizer	1	6.750	2.750	6.53	NC50 IF	ALTITUDE				
Steering Tool	1	6.750		13.40	NC50 IF	SCHLUMBERGER	6.75 PD ORBIT			
Polycrystalline Diamond Bit	1	7.875		1.00	API REG	BAKER				
						Total Length	21,096.00 ft		Total Weight	0



DAILY DRILLING PARTNER REPORT

UTL LJ BELDIN 1211-17-3802VH

Report Date: 11/18/2020

Report No: 13

MUD DATA (BUCKEYE, INC.)					TORQUE & DRAG				
Engineer:	VANDON VEST	Sand (%):	0.00	MD:	21,010	ft	PU Wt:	290.0	kip
Sample From:	IN	LGS (%):	12.39	TVD:	11,057	ft	SO Wt:	0.0	kip
Mud Type:	Oil	MBT (lbm/bbl):	N/A	Max Overpull:			Off Btm Rot Wt:	185.0	kip
Time/ MD (ft):	06:01 / 20,575	pH:	N/A	Actual Hook Load:			Drag:	105.0	kip
Density (ppg) @ Temp:	12.25 / 120.00	Pm/ Pom (cc):	0.00 /3.00	Torque Off Btm:	13,000.0	ft-lbf			
Rheology Temp (°F):	150.00	Pf/ Mf (cc):	N/A	Torque On Btm:	25,000.0	ft-lbf			
Viscosity (s/qt):	55.00	Chlorides (ppm):	N/A	NPT					
PV/ YP (cp):	26.00 / 10.000	CaCl2 (%):	0.0000	Responsible Party		Hours	Accum. Hours		
6/ 3 RPM:	8.00 / 7.00	Total Hardness (ppm):	N/A	BUCKEYE, INC.			2.50		
Gels 10s/10m/30m:	11.00 /23.00 /27.00	Lime (lbm/bbl):	3.89	HELMERICH & PAYNE INTERNATIONAL DRILL		0.75	2.25		
API WL (cc/30min):	18.0	ES:	750.0	SCHLUMBERGER TECHNOLOGY CORPORATION			14.00		
HTHP WL (cc/30min):	18.0	ECD:	13.45	ULTERRA DRILLING TECHNOLOGIES			11.00		
Cake API/ HTHP (32nd"):3.0 /3.0		H2O Added (bbl):	0.0	WEATHERFORD U.S. LP			1.00		
Solid/ Sol Corr (%):	0.00 /23.52	Oil Added (bbl):	0.0						
Oil/ Water % (%):	81.00 /19.00								
MUD PUMPS									
Pump#	Make	Model	Eff (%)	Press (psi)	SPM (spm)	Liner ID (in)	Flowrate (gpm)	Str Disp (gal/stk)	
									Total 30.75
PERSONNEL					BULK CONSUMPTION				
Company Name		Qty	Man-Hrs	Material	Initial	Received	Daily Use	Daily Balance	
ALTITUDE ENERGY PARTNERS LLC		3	36.00	DIESEL	10,383.00		3,600.00	6,783.00	
BUCKEYE, INC.		1	12.00	OBM DIESEL	3,407.00	6,973.00	5,500.00	4,880.00	
HELMERICH & PAYNE INTERNATIONAL DRILL		11	132.00						
RUSCO OPERATING LLC		3	36.00						
TOTAL OILFIELD RENTALS, INC.		1	12.00						
WWESCO USA CORPORATION		2	24.00						
Total		21	252.00				Total	9,100.00	
INCIDENT REPORT									
Safety Incident?	N	Incident Comments							
Incident Type									
Days Since Last RI									
Days Since Last LTI									
COMMENTS									
DAILY 3RD PARTY NPT: .75 TOTAL 3RD PARTY NPT: 30.75 DAILY PARSLEY NPT: 0 TOTAL PARSLEY NPT: 0 TOTAL PHASE NPT: .75 TOTAL WELL NPT: 30.75 PRODUCTION: WATER METER INITIAL - 9,432 BBLs									