



## Daily Drilling Report

Well Name UTL 2423-17 2H

Report Date 09/17/2017

**API**

Field Location		Supervisor	Shawn Eickert	Rig Up Days		Report No.	6
County	Ward	Supervisor 2	Don Mobley	Surface Days	1.00	DFS	4.333333333
Rig Name	220	Rig Phone	432-967-8201	Inter. 1 Days	4.33	Spud Date	09/15/2017
KB	25	Rig Email	JPErig05@jaggedpeakenergy.com	Inter 2 Days		AFE	\$3.43
Depth (MD)	6,896	Daily Footage	1546	Prod. Days		Daily Cost	\$61,362.25
Estimated TD	21,700	TVD at Bit	6885	Tot. Drill Days	5.33	Cum. Cost	\$446,090.84
				Hrs Drlg	23.00		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	J55	STC	26'	1,083'	No

## Mud Properties

Type	Sprayberry
Weight	9.2
FV	48
PV	11
YP	16
LCM (ppb)	
Chlorides	30000
% Solids	2.52
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi
6,762'	3.89°	99.36°

## BHA

Description	Length	ID	OD
Drill Bit	1.50'		12.25
Motor	36.26'		8.00
Shock Sub	11.56'	2.75	8.00
11.75" Stab	5.70'	2.69	8.13
5-1/2" B x 6-5/8" P	3.43'	3.00	8.00
8" MWD Tool Carrier	29.96'	8.11	4.25
NMDC	31.01'	8.15	3.75
8" DC	27.66'	8.00	3.00
4-1/2" B x 6-5/8" P	2.80'		
6.5" Drill Collar	370.73'	2.50	6.50
4-1/2" IF B x 4-1/2" XH	2.20'	2.50	6.74
5" HWDP	728.00'	3.00	5.00
<b>Total Length:</b>	<b>1250.81</b>		

### Bit Info

[illegible]

## Safety

Last BOP Test	09/13/2017	Last BOP Drill	09/12/2017	Last Function Test	09/13/2017	Diesel Used	2,783.00	Diesel Recvd		Diesel on Loc	6,400.00
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**Activity Summary (6:00am - 6:00am)**

From	To	Hours	P / U	Summary
06:00	08:00	2.00	Drilling	Drill 12.25" Intermediate hole section from 5,350' to 5,456' MD. Drilling at reduced rate to build volume.  AROP: 53 WOB: 15-20 TD RPM: 70 GPM: 500 SPP: 2,250 DIFF: 300 TQ: 14-16
08:00	08:30	0.50	Circulate	Circulate at 100 GPM while building volume in the pits with Sprayberry Mud. Pit Cleaners continuing to finish up cleaning pits.
08:30	12:30	4.00	Drilling	Drill 12.25" Intermediate hole section from 5,456' to 5,829' MD.  AROP: 93 WOB: 30-40 TD RPM: 50-60 GPM: 600-645 SPP: 3,380 DIFF: 300-500 TQ: 14-17 SD: 5810 / INC: 4.7 / AZM: 82.57 / TVD: 5,802.08 / VS: 32.71 / DLS: 0.12
12:30	17:30	5.00	Drilling	Drill 12.25" Intermediate hole section from 5,829' to 6,183' MD.  AROP: 71 WOB: 30-40 TD RPM: 50 GPM: 550-700 SPP: 3,480 DIFF: 300-500 TQ: 13-16 SD: 6095 / INC: 4.29 / AZM: 85.12 / TVD: 6,086.20 / VS: 37.01 / DLS: 0.16 MW: 9.1 VIS 43 pH 10.0
17:30	21:00	3.50	Drilling	Drill 12.25" Intermediate hole section from 6,183' to 6,461' MD.  AROP: 79 WOB: 30-40 TD RPM: 50 GPM: 600 SPP: 3,550 DIFF: 550 TQ: 11-15 SD: 6286 / INC: 4.11 / AZM: 86.88 / TVD: 6,276.69 / VS: 40.31 / DLS: 0.11 MW: 9.2/9.25 VIS 55 pH 10.6
21:00	21:30	0.50	Rig Service	Rig Service.
21:30	02:00	4.50	Drilling	Drill 12.25" Intermediate hole section from 6,461' to 6,727' MD.  AROP: 59 WOB: 30-45 TD RPM: 50 GPM: 600 SPP: 3,515 DIFF: 400-550 TQ: 11-17 SD: 6571 / INC: 4.11 / AZM: 94.17 / TVD: 6,560.95 / VS: 46.85 / DLS: 0.16 MW: 9.2/9.25 VIS 50 pH 10.6 Centrifuge Effluent: 8.5 ppg at 90 gpm (1,150 rpm @ Max)
02:00	06:00	4.00	Drilling	Drill 12.25" Intermediate hole section from 6,727' to 6,896' MD.  AROP: 42.5 WOB: 20-45 TD RPM: 30-50 GPM: 600 SPP: 3,515 DIFF: 200-550 TQ: 11-17 SD: 6762 / INC: 3.89 / AZM: 99.36 / TVD: 6,751.49 / VS: 52.42 / DLS: 0.19 MW: 9.25/9.25 VIS 45 pH 10.2 SLIDE: 6,850' - 6,854' MD @ TF30M Centrifuge Effluent: 8.6 ppg at 90 gpm (1,150 rpm @ Max)

Total Hours:		24		
24 Hour Activity Summary:				
Finished cleaning and fill pits with Sprayberry. Drill 12.25" Intermediate hole section to 6,896' MD.				
24 Hour Plan Forward:				
Drill 12.25" Intermediate hole section as per directional plan #3 to planned section TD.				

