



## Daily Drilling Report

Well Name UTL 2423-17 2H

Report Date 09/27/2017

**API** [42-475-37268](https://api.42-475-37268.com)

Target Zone	Phantom Wolfcamp	Supervisor	Shawn Eickert	Rig Up Days		Report No.	13
Location	Sec 25, Block 17	Supervisor 2		Surface Days	1.00	DFS	14.20833333
County	Ward	Rig Phone	432-967-8201	Inter. 1 Days	7.33	Spud Date	09/15/2017
Rig Name	220	Rig Email	JPErig05@jaggedpeakenergy.com	Inter 2 Days	6.88	AFE	\$3,431,996.00
KB	25	Daily Footage	446	Prod. Days		Daily Cost	\$53,478.00
Depth (MD)	11,646	TVD at Bit	10931	Tot. Drill Days	15.21	Cum. Cost	\$1,000,097.31
Estimated TD	21,700			Hrs Drilg	13.50		

### 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	Brine Sprayberry
Weight	10.2
FV	46
PV	17
YP	13
LCM (ppb)	
Chlorides	95000
% Solids	4.91
Daily Losses	
Total Losses	

### Last Survey

Depth	Inc	Azi
11,582'	87.68°	157.45°

## BHA

Description	Length	ID	OD
TK56-D1	1.00'		8.75
5/6, 8.2, 2.25 FBH, 0.43 rpg	29.74'		7.00
6.75" XO	2.32'	2.50	6.55
5-1/2 FH B x 4-1/2 XH P	1.85'	2.88	6.75
6.75" MWD Tool Carrier	29.90'	3.50	6.75
7.25" NM XO	2.30'	2.88	7.88
6.5" NMDC	28.65'	3.31	6.25
4-1/2" IF B x 4-1/2" XH	2.20'	2.50	6.74
5" DP	1502.33'	3.50	5.00
5" HWD P	728.41'	3.00	5.00
4-1/2IF P X DS40B	3.02'	2.50	6.63
<b>Total Length:</b>	<b>2331.72</b>		

### Bit Info

[illegible]

## Safety

Last BOP Test	09/13/2017	Last BOP Drill	09/25/2017	Last Function Test	09/25/2017	Diesel Used	4,454.00	Diesel Recvd	7,400.00	Diesel on Loc	7,405.00
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**Activity Summary (6:00am - 6:00am)**

From	To	Hours	P / U	Summary
06:00	11:00	5.00	Drilling	Drill 8.75" Curve as per directional plan from 11,200' to 11,322' MD. (122) AROP: 24 WOB: 15-30 GPM: 450-550 SPP: 2700-3800 Max Gas: 4100 Units MW/Vis: 10.2/9.9, 45, 10.4 pH Sample: 11,100' - 40% Sh, 50% LS, 10% SLTST SD: 11,207' INC: 79.90 AZM: 156.57 VS: 673.09 1.9 BELOW 6.0 RIGHT
11:00	15:00	4.00	Drilling	Drill 8.75" Curve as per directional plan from 11,322' to 11,510' MD. (188') AROP: 47 WOB: 15-30 GPM: 550 SPP: 3825 Max Gas: 1000 Units MW/Vis: 10.2/10.2, 43, 10.3 pH Sample: 11,450' - 30% Sh, 50% LS, 20% SLTST SD: 11,397' INC: 86.01 AZM: 157.63 VS: 861 22 BELOW 9.4 LEFT
15:00	18:00	3.00	Drilling	Drill 8.75" Curve as per directional plan from 11,510' to 11,585' MD. (75') AROP: 25 WOB: 20-25 GPM: 500 SPP: 3300 Max Gas: 4025 Units MW/Vis: 10.2/10.2, 46, 10.3 pH Sample: 11,330' - 30% Sh, 55% LS, 15% SLTST SD: 11,524' INC: 86.52 AZM: 157.28 VS: 987 31 BELOW 19.8 LEFT Note: decision to nudge up direction and drill another stand to obtain ~87.5 deg.
18:00	18:30	0.50	UnPlanned	Work stuck pipe @ 11,585'. Note: Finished 12' slide and brought up rotary to rotate out stand and became hung up at motor. Was able to pump with 500 gpm @ 3300 psi. Worked torque down into string and freed up string. Reciprocated through problem area.
18:30	20:00	1.50	Drilling	Drill 8.75" Curve as per directional plan from 11,585' to 11,646' MD. (61') AROP: 1 WOB: 20-25 GPM: 500 SPP: 3670 Max Gas: 3100 Units MW/Vis: 10.2/10.2, 46, 10.4 pH Sample: 11,400' - 30% Sh, 50% LS, 20% SLTST SD: 11,588' INC: 87.68 AZM: 157.45 VS: 1051 34 BELOW 25 LEFT
20:00	22:30	2.50	Circulate	Circulate & Condition mud @ 11,646' while reciprocating pipe w/ 500 gpm / 3185 psi. Two tenth mud current during circulation with 4100 units. Gas venting out of flare line. No flare. Circulate 10.2 around in/out.  Spot 50 bbl 14.5# ECD pill at KOP (11,240')  Flow check well. Well Static.  Circulate 30 bbl nut plug/mica marker sweep around. (13% washout)
22:30	06:00	7.50	Tripping	Trip out of hole F/ 11,646' - 2200' Slick trip out of hole. Additional time taken due to having to break out 4.5" and 5" connections with tongs due to high break out torque and ST 80 not working to full break out capacity. Will change out faulty lower tongs/cylinder during Simops. (Casing Run / ST80 Repair).
<b>Total Hours:</b>		<b>24</b>		

24 Hour Activity Summary:

Drilled 8-3/4" Interval T/ 11,646'. Circulated and conditioned mud. Spot ECD Pill. Trip out of hole t/ 2200'.

24 Hour Plan Forward:

Trip out of hole & l/d 8-3/4" curve assembly. Rig up and run 7" casing. R/D Casers and R/U & Cement 7" Intermediate casing.

