



## Daily Drilling Report

Well Name UTL 2932-17 2HReport Date 07/27/2017

**API** 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Joel Kaufman	Rig Up Days	0.56	Report No.	72
Location	Sec 12, Block 17	Supervisor 2	Chris Montan	Surface Days	2.38	DFS	69.83333333
County	Ward	Rig Phone	432-253-3863	Inter. 1 Days	6.73	Spud Date	04/26/2017
Rig Name	X20	Rig Email	JEP Rig05@jaggedpeakenergy.com	Inter 2 Days	5.35	AFE	\$3,183,001.00
KB	32	Daily Footage	855	Prod. Days	57.75	Daily Cost	\$87,857.18
Depth (MD)	20,845	TVD at Bit	11419	Tot. Drill Days	72.77	Cum. Cost	\$6,582,712.31
Estimated TD	21,915			Hrs Drig	23.00		

### Casing Data

Type	Size	Weight	Grade	Connection	Top	Bottom	Shoe Test
Surface	13-3/8	48.0	H-40	STC	32'	1,176'	
Intermediate	7	32.0	ICY P-110	BTC	32'	11,940'	

## Mud Properties

Type	CALCIUM CHLORIDE
Weight	11.45
FV	43
PV	10
YP	3
LCM (ppb)	
Chlorides	323000
% Solids	18
Daily Losses	
Total Losses	0

### Last Survey

Depth	Inc	Azi
20,668'	90.43°	253.10°

## BHA

Description	Length	ID	OD
TK 56	0.75'		6.00
POWERDRIVE ORBIT RSS	14.72'		5.00
Filter Sub	3.08'	2.38	5.00
5" Bico 7882	31.81'		5.00
5-3/4" autotrac nm	4.80'	2.88	4.75
HHOP CROSSOVER	6.43'	2.75	4.75
MWD Tool Carrier	28.35'	2.88	4.81
NM IBS	4.65'	2.88	4.77
NMDCOLLAR	28.98'	2.75	4.70
TOMAX	18.00'	2.31	4.75
3.5" IF P x PT 39B	2.73'	2.75	4.89
4" DP PT 39	6412.23'	3.34	4.88
<b>Total Length:</b>	<b>6556.53</b>		

### Bit Info

[illegible]

## Safety

Last BOP Test	07/25/1917	Last BOP Drill	07/25/2017	Last Function Test	07/25/2017	Diesel Used	1,824.00	Diesel Recvd		Diesel on Loc	8,892.00
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### Fuel

**Activity Summary (6:00am - 6:00am)**

From	To	Hours	P / U	Summary
06:00	10:00	4.00	Drilling	<p>Drill 6" Production Lateral section with RSS (Previous trip @ 19,700')</p> <p>F/19,995' - T/20,055' (60')</p> <p>ROP = 20</p> <p>WOB =5-11k</p> <p>TQ= 14K</p> <p>TD RPM = 90</p> <p>Motor RPM = 137 (0.7 Rev/Gal)</p> <p>GPM = 195</p> <p>SPP = 3000</p> <p>11.6 PPG 42 Vis</p> <p>Note:</p> <p>Holding 450 psi on connections, 111 psi while drilling</p> <p>Last Geo Sample: 20000 10% limestone 90% shale gamma 90-100</p> <p>Last Survey: 19912' 90.47° inc 253.03 azm</p>
10:00	14:00	4.00	Drilling	<p>Drill 6" Production Lateral section with RSS (Previous trip @ 19,700')</p> <p>F/20,055' - T/20,114' (59')</p> <p>ROP = 20</p> <p>WOB =5-11k</p> <p>TQ= 14K</p> <p>TD RPM = 80-90</p> <p>Motor RPM = 137 (0.7 Rev/Gal)</p> <p>GPM = 195</p> <p>SPP = 3000</p> <p>11.5 PPG 41 Vis</p> <p>Note:</p> <p>Holding 450 psi on connections, 111 psi while drilling</p> <p>Last Geo Sample: 20000 25% limestone 75% shale gamma 40-75</p> <p>Last Survey: 20101' 90.03° inc 253.01 azm</p>
14:00	18:00	4.00	Drilling	<p>Drill 6" Production Lateral section with RSS (Previous trip @ 19,700')</p> <p>F/20,114' - T/20,280' (166')</p> <p>ROP =42</p> <p>WOB =8-22k</p> <p>TQ= 18K</p> <p>TD RPM = 120</p> <p>Motor RPM = 137 (0.7 Rev/Gal)</p> <p>GPM = 195</p> <p>SPP = 3200</p> <p>11.5 PPG 41 Vis</p> <p>Note:</p> <p>Holding 450 psi on connections, 111 psi while drilling</p> <p>Last Geo Sample: 20200 55% limestone 45% shale gamma 40-75</p> <p>Last Survey: 20195' 89.81° inc 253.58 azm tvd 11,425'</p>
18:00	23:45	5.75	Drilling	<p>Drill 6" Production Lateral section with RSS (Previous trip @ 19,700')</p> <p>F/20,280' - T/20,547' (267')</p> <p>ROP =46</p> <p>WOB =8-22k</p> <p>TQ= 18K</p> <p>TD RPM = 120</p> <p>Motor RPM = 137 (0.7 Rev/Gal)</p> <p>GPM = 195</p> <p>SPP = 3200</p> <p>11.5 PPG 41 Vis</p> <p>Note:</p> <p>Holding 450 psi on connections, 111 psi while drilling</p> <p>Last Geo Sample: 20500 5% limestone 95% shale gamma 40-75</p> <p>Last Survey: 20480' 90.71° inc 253.59 azm tvd 11,420'</p>
23:45	00:15	0.50	Rig Service	RIG SERVICE. CANRIG TECH ON LOCATION TO FIX AUTO DRILLER
00:15	00:45	0.50	Rig NPT	TROUBLESHOOT TOP DRIVE ELECTRICAL PROBLEMS

				Drill 6" Production Lateral section with RSS (Previous trip @ 19,700') F/20,547' - T/20,845' (298) ROP =57 WOB =10-18k TO= 16K TD RPM = 120 Motor RPM = 137 (0.7 Rev/Gal) GPM = 195 SPP = 3200 11.5 PPG 41 Vis  Note: Holding 450 psi on connections, 111 psi while drilling Last Geo Sample: 20700 5% limestone 95% shale gamma 100-115 Last Survey: 20668' 90.43° inc 253.10 azm tvd 11,419'
00:45	06:00	5.25	Drilling	
Total Hours:		24		
24 Hour Activity Summary:				
DRILLED PRODUCTION LATERAL F/19,900' T/ 20,845'				
24 Hour Plan Forward:				
Drill 6" Production Lateral T/ TD @ 22,242				

