



Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 07/07/2017

API 42-475-37198

Field	Phantom Wolfcamp	Supervisor	Nathanial Baxter	Rig Up Days	0.56	Report No.	52
Location	Sec 12, Block 17	Supervisor 2		Surface Days	2.38	DFS	49.83333333
County	Ward	Rig Phone	432-253-3863	Inter. 1 Days	6.73	Spud Date	04/26/2017
Rig Name	X20	Rig Email	JEPrig05@jaggedpeakenergy.com	Inter 2 Days	5.35	AFE	\$3,183,001.00
KB	32	Daily Footage	225	Prod. Days	37.75	Daily Cost	\$73,535.75
Depth (MD)	19,940	TVD at Bit	11413	Tot. Drill Days	49.83	Cum. Cost	\$4,942,088.60
Estimated TD	21,915			Hrs Drilg	5.00		

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	11.8
FV	42
PV	13
YP	2
LCM (ppb)	
Chlorides	274000
% Solids	19
Daily Losses	
Total Losses	0

Last Survey

Depth	Inc	Azi
19,824'	89.33 ⁰	251.45 ⁰

BHA

Description	Length	ID	OD
TK 56	0.75'	2.33	6.00
POWERDRIVE ORBIT RSS	14.50'		4.75
NM HHOP	6.43'	2.75	5.07
MWD TOOL CARRIER	28.06'	2.68	4.71
NM SPIRAL IBS	5.60'	2.25	4.80
NMDC-PONY	14.56'	2.75	4.81
TOMAX	18.00'	2.31	4.75
FILTER SUB	5.64'	2.31	4.83
DTOR 7/8 5.0 (5.75" STAB) .63	25.96'		5.00
Float Sub	3.08'	3.08	4.75
5-3/4" NM GUNDRILL REAMER	4.60'	2.68	4.86
X/O 3.5IF X PT39	2.73'	2.75	4.88
Total Length:	129.91		

Bit Info

[illegible]

Safety

Last BOP Test	06/18/2017	Last BOP Drill	06/24/2017	Last Function Test	06/24/2017	Diesel Used	1,850.00	Diesel Recvd	7,390.00	Diesel on Loc	13,520.00
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Fuel

Diesel Used	1,850.00	Diesel Recvd	7,390.00	Diesel on Loc	13,520.00
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Activity Summary (6:00am - 6:00am)

From	To	Hours	P / U	Summary
06:00	11:00	5.00	Drilling	<p>Drill 6" Production Lateral section with RSS (Previous trip @ 17,421')</p> <p>F/19,715' - T/19,940' (225')</p> <p>ROP = 45</p> <p>WOB = 6</p> <p>TD RPM = 80</p> <p>Motor RPM = 146</p> <p>GPM = 233</p> <p>SPP = 3850</p> <p>11.7 PPG 41 Vis</p> <p>Note: Holding 1050 psi on connections, 511 psi while drilling</p>
11:00	18:00	7.00	UnPlanned	<p>Condition Mud and clean Hole up.</p> <p>500 psi instant pressure loss observed while drilling.</p> <p>Check mud pumps for starvation-good. Pressure test mud surface system-good</p> <p>nothing on surface to acclaim to pressure loss.</p> <p>Mud had slight CO2 Gas cut 0.5- 0.7# observed with atmospheric pressure en-trained in mud which has been normal.</p> <p>Treated out but not restoring pressure loss.</p> <p>MWD indicated full flow and 98% motor / orbit efficiency even with pressure loss.</p> <p>Attempted to re-start bit and drill ahead but was unable to make forward progress with out buckling up and torquing out.</p> <p>Perform Clean out cycle as per JPE Procedure</p> <p>Setting back on bottom was showing a pressure increase but unable to drill off.</p> <p>Decision was made to pull out hole to inspect and change out down hole tools.</p>
18:00	01:00	7.00	UnPlanned	<p>TOOH (Presumed down hole tool failure)</p> <p>F/19,940' - T/11,100'</p> <p>Pulled slick</p> <p>Holding 1050 bpsi on well tripping wet</p> <p>Achieved proper fill</p>
01:00	02:00	1.00	UnPlanned	<p>Spot ECD Pill in vertical section</p> <p>250 bbls 14.5#</p> <p>Well Static.</p>
02:00	06:00	4.00	UnPlanned	<p>TOOH</p> <p>F/11,100 - T/3,000'</p> <p>Achieved calculated hole fill.</p>
Total Hours:		24		

24 Hour Activity Summary:

Drill 6" production lateral F/19,715'- T/19,940' Condition mud and clean up hole. TOOH to X/O BHA

24 Hour Plan Forward:

Drill 6" production lateral section to projected TD +/- 21,915'.

