

Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date <u>07/07/2017</u>

API <u>42-475-37198</u>

ENERGI							
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
КВ	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 Dria	5.00		

Casing Data

Туре	Size	Weight	Grade	Connection	Тор	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 Mud Propertie
Type
Weight
FV
PV
YP
LCM (ppb)
Chlorides
% Solids
Daily Losses
Total Losses CALCIUM CHLORIDE 274000 19

 Depth
 Inc
 Azi

 19,824'
 89.33°
 251.45°

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

	Bit #	Size	Make	Туре	S/N	Jets	In	Out	Footage	On BTM Hrs	On BTM ROP	IADC Hrs	IADC ROP	Grade
	18	6	REED	TK56	A233430	5-10s	17,421'	19,940'	2,519'	50.5	75	64.3	39.0	XDHTF
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Activity Summary (6:00am - 6:00am)

From	To	Hours	P/U	Summary
FIOIII	10	nours	F/U	Juillary Drill 6" Production Lateral section with RSS (Previous trip @ 17,421')
				F19,715 - 7/19,940' (225')
				TO 1 110,000 (223)
				WOB = 6
				TD RPM = 80
				Motor RPM = 146
				GPM = 233
				SPP = 3850
				11.7 PPG 41 Vis
				Note:
				Holding 1050 psi on connections, 511 psi while drilling
06:00	11:00	5.00	Drilling	
00.00	11.00	3.00	Dilling	Condition Mild and along Unions
				Condition Mud and clean Hole up.
				500 psi instant pressure loss observed while drilling.
				Crieck must pumps for starvation-good. Pressure test must surface system-good
				Mud had alight CO2 Cas get 0.5 0.7# observed with atmospheric processes on trained in mud which has been normal
				Treated and that our restains pressure loss
				500 psi instant pressure loss observed while drilling. Check mud pumps for starvation-good Pressure test mud surface system-good nothing on surface to acclaim to pressure loss. Mud had slight CO2 Gas cut 0.5-0.7# observed with atmospheric pressure en-trained in mud which has been normal. Treated out but not restoring pressure loss. MWD indicated full flow and 98% motor / orbit efficiency even with pressure loss. Attempted to re-start bit and drill ahead but was unable to make forward progress with out buckling up and torquing out. Perform Clean out cycle as per JPE Procedure Setting back on bottom was showing a pressure increase but unable to drill off. Decision was made to pull out hole to inspect and change out down hole tools.
				Attempted to re-start bit and drill ahead but was unable to make forward progress with out buckling up and torquing out.
				Perform Clean out cycle as per JPE Procedure
				Setting back on bottom was showing a pressure increase but unable to drill off.
				Decision was made to pull out hole to inspect and change out down hole tools.
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11:00	18:00	7.00	UnPlanned	
				TOOH (Presumed down hole tool failure)
				F/19,940' - T/11,100' Pulled slick
				Pulled Sick
				Holding 1050 bpsi on well tripping wet Achieved proper fill
18:00	01:00	7.00	UnPlanned	Achieved proper iiii
			-	Soot ECD Pill in vertical section
				Spot ECD Pill in vertical section 250 bbls 14.5#
01:00	02:00	1.00	UnPlanned	Well Static.
01.00	02.00	1.00	UnPlanned	TOOH
				100H F/11,100 - T/3,000'
				F/TI, 100 - 173,000 Achieved calculated hole fill.
02:00	06:00	4.00	UnPlanned	Achieved calculated note IIII.
		+		
		1		
		1		
		+	<u> </u>	
		1		
		1		
		1		
-	Total Hours	24		·
		1		

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'.



Daily Cost Report

Well Name: <u>UTL 2932-17 2H</u>

Report Date: 07/07/2017 Daily Cost <u>\$73,536</u>

Intangible Costs Description Daily Code Comments Cum Roads, Location, surveying, permitting & reclam. Daywork, Mobe, Spudder Bits, Tools, Stab, Directional Drill - All BHA Fuel CODE 8 LAST 24 HRS: 0 HRS TOTAL CODE 8: 26.5 HRS \$16,500 \$1,072,375 830.040 \$25,400 \$13,695 \$1,522,566 \$211,886 830.065 \$318,613 \$29,960 \$447,491 \$107,650 \$11,364 830.070 830.071 \$5,394 \$535 \$2,432 Equipment Rental Hot Shot Mud, Centrifuge & Shaker Screens LONG RANCH 830.075 830.080 830.095 DAILY COST 2400 Mud Logging Wireline Cement & Float Equipment
Contract Labor/Casing Crews 830.100 830.120 \$129,995 \$153,725 \$1,640/day Water Truck- A Bar N 1 DSM 1 FDE \$91,840 \$191,100 830.165 Drill Water \$1,640 \$5,000 830.175 Supervision Production Liner Cement 840.100 Total Intangible \$73,536 \$4,328,599 Tangible Costs Code Description Comments Daily Cum \$34.45 PER FT 9-5/8" Casing
7" Casing
Wellhead Equipment \$26.88 PER FT \$28.86 PER FT 850.015 850.120 850.145 \$287,276 \$6,528 Production Casing, Liner Hanger & Toe Sleeve 860.030 \$296,128 \$613,490 \$4,942,089 Total Tangible

\$73,536

Total Costs