

Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date <u>06/22/2017</u>

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

| ENERGI | | | | | | | |
|--------------|------------------|---------------|-------------------------------|-----------------|-------|------------|----------------|
| Field | Phantom Wolfcamp | Supervisor | Joel Kaufman | Rig Up Days | 0.56 | Report No. | 37 |
| Location | Sec 12, Block 17 | Supervisor 2 | Chris Montan | Surface Days | 2.38 | DFS | 33.83333333 |
| 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 | 282 | Prod. Days | 21.75 | Daily Cost | \$65,988.97 |
| Depth (MD) | 13,539 | TVD at Bit | 11452 | Tot. Drill Days | 33.83 | Cum. Cost | \$3,442,583.28 |
| Estimated TD | 21 915 | | | Hrs Dria | 8.00 | | |

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 290000 17

 Depth
 Inc
 Azi

 13,460'
 89.79°
 251.80°

Description Length ID OD Description
TK56
POWERDRIVE ORBIT RSS
NM HHOP
MWD TOOL CARRIER
NM SPIRAL IBS
NMDC-PONY
TOMAX
FILTER SUB
5" MOTOR 7/8 8.2 (5.75" STAB
5-3/4" NM GUNDRILL REAMEI
X/O 3.5IF X PT39
4" DP PT-39 6.00 4.75 5.07 4.71 4.80 0.75' 14.69' 6.43' 28.06' 5.60' 2.75 2.68 2.25 2.75 2.31 2.31 14.56' 18.00' 5.64' 31.80' 4.60' 2.73' 0847.6 4.80 4.81 4.75 4.83 5.00 4.86 2.68 2.75 3.34

Bit Info

| Bit # | Size | Make | Type | S/N | Jets | In | Out | Footage | On BTM Hrs | On BTM ROP | IADC Hrs | IADC ROP | Grade |
|-------|------|------|------|---------|--------|---------|---------|---------|------------|------------|----------|----------|-------|
| 13 | 6 | REED | TK56 | A237392 | 5-10's | 13,251' | 13,257' | 6' | 8.25 | | 57.5 | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

 Safety
 Fuel

 Last BOP Test
 06/18/2017
 Last BOP Drill
 06/13/2017
 Last Function Test
 06/13/2017
 Diesel Used
 1,368.00
 Diesel Recvd
 Diesel on Loc 9,120.00

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

| From | To | Hours | P/U | Summary |
|----------------|--------------|-------|-----------|--|
| 06:00 | 07:00 | | UnPlanned | Cont. circulating out ECD pill, catching in trip tank. |
| 00:00 | 07:00 | 1.00 | unPlanned | Cont. circulating but Leep jun, activiting in the tark. THH 1/12/180* V 13/106. |
| | | | | II V 12,100 |
| | | | | Note: |
| 07:00 | 07:45 | 0.75 | UnPlanned | Holding 500 psi on choke. |
| 07.00 | 07.45 | 0.75 | Unrianned | Troubleshoot pressure loss on pumps. |
| | | | | Troubleshoot pressure loss on purifys. |
| | | | | Mud aired up. Treat with aluminum sterate and condition. |
| | | | | |
| | | | | Sync tools. |
| | | | | Wash F/ 13,106 T/ 13,257', |
| 07:45 | 10:00 | 2.25 | UnPlanned | vvaai 17 13,100 17 13,237 , |
| | 1000 | | | Drlg f/ 13,257' to 13,539' (MWD Failure) |
| | | | | AROP = 35.25 fph WOB = 8 – 16 kips |
| | | | | WOB = 8 – 16 kips |
| | | | | TD RPM = 80-105 Motor RPM = 112 |
| | | | | WOULD REW = 112 |
| | | | | GPM = 160 ppg SPP = 2900 psi |
| | | | | 12.7 PPG 47 Visc |
| | | | | |
| | | | | Note: |
| | | | | Max gas units of 188 at 13,477' 3 13 427' after nutting downlink in experienced pressure spike ROP fell off to 30-50 foh. Refore downlink ROP was 90 - 100 foh |
| | | | | @ 13,420' after putting downlink in, experienced pressure spike. ROP fell off to 30-50 fph. Before downlink, ROP was 90 -100 fph. Decision made at 13,538', to trip for motor. Motor showed signs of weakness. As we applied weight, differential would spike. Tried multiple parameter changes. Unabl |
| | | | | to rectify problem. |
| 40.00 | 40.00 | 0.00 | B | |
| 10:00 | 18:00 | 8.00 | Drilling | Sync to neutral prior to trip. Unable to obtain confirmation tool in neutral. |
| | | | | Sync to neutral phot to trip. Oriable to obtain community from in neutral. |
| | | | | Note: |
| 18:00 | 18:30 | 0.50 | UnPlanned | Working on HPU. |
| 10.00 | 10.00 | 0.00 | Om lamou | HPU down. Unable to TOH due to no hydraulics on floor. |
| 18:30 | 03:00 | 8.50 | Rig NPT | Control box parts damaged. |
| | | | | TOH f/ 13,538' t/ 11,086'. |
| | | | | |
| 03:00 | 05:30 | 2.50 | UnPlanned | Hold 500 psi on backside during trip. |
| 05:30 | 06:00 | 0.50 | UnPlanned | Spot ECD pill: 150 bbls of 14.5 ppg mud @ 11,100'. |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | Total Hours: | 24 | | |
| | | | | |
| 4 Hour Activit | v Summary: | | | |

24 Hour Activity Summary:
Cont. Circulating out ECD pill. TiH t/ 13,106'. Troubleshoot pressure drop on pumps. Drill f/ 13,257' t/ 13,539. Repair HPU prior to TOH for motor. TOH t/ 11,086'. Spot ECD pill.

24 Hour Plan Forward:

TOH T/ BHA. Change out Motor and Bit. TIH t/ Shoe. Circulate out Pill. TIH t/ 13,539'. Drill 6" lateral hole section.



Daily Cost Report

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

\$317,362 \$3,442,583

\$65,989

Total Tangible

Total Costs

 Report Date:
 06/22/2017

 Daily Cost
 \$65,989

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: 3.75 HRS \$16,500 \$824,875 830.040 \$923,366 \$158,448 \$31,200 830.065 830.070 830.071 \$233,657 \$21,935 \$313,369 Equipment Rental \$6,592 Hot Shot Mud, Centrifuge & Shaker Screens \$535 \$1,582 \$2,400 LONG RANCH 830.075 830.080 830.095 DAILY COST 2400 \$71,650 \$90,913 Mud Logging Wireline BRIDGE PLUG COST Cement & Float Equipment
Contract Labor/Casing Crews 830.100 830.120 \$129,995 \$133,639 \$1,640/day Water Truck- A Bar N 1 DSM 1 FDE 830.165 Drill Water \$1,640 \$67,240 \$5,000 \$116,100 830.175 Supervision Production Liner Cement 840.100 Total Intangible \$65,989 \$3,125,221 Tangible Costs Code Description Comments Daily Cum \$20.74 PER FT 9-5/8" Casing
7" Casing
Wellhead Equipment \$18.15 PER FT \$24.06 PER FT 850.015 850.120 850.145 \$287,276 \$6,528 Production Casing, Liner Hanger & Toe Sleeve 860.030