



## Daily Drilling Report

Well Name UTL 2932-17 2H

Report Date 05/18/2017

API 42-475-37198

|              |                  |               |                               |                 |       |            |                |
|--------------|------------------|---------------|-------------------------------|-----------------|-------|------------|----------------|
| Field        | Phantom Wolfcamp | Supervisor    | Nathanial Baxter              | Rig Up Days     | 0.56  | Report No. | 23             |
| Location     | Sec 12, Block 17 | Supervisor 2  | Chris Montan                  | Surface Days    | 2.38  | DFS        | 22.08333333    |
| 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 |                               | Prod. Days      | 10.00 | Daily Cost | \$45,520.70    |
| Depth (MD)   | 12,714           | TVD at Bit    | 11452                         | Tot. Drill Days | 22.08 | Cum. Cost  | \$2,526,122.37 |
| Estimated TD | 21,915           |               |                               | Hrs Drilg       |       |            |                |

### 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       | 12.8             |
| FV           | 47               |
| PV           | 14               |
| YP           | 2                |
| LCM (ppb)    |                  |
| Chlorides    | 326000           |
| % Solids     | 20               |
| Daily Losses |                  |
| Total Losses |                  |

### Last Survey

| Depth | Inc | Azi |
|-------|-----|-----|
|       |     |     |

**BHA**

| Description                | Length          | ID   | OD   |
|----------------------------|-----------------|------|------|
| U613M                      | 0.75'           |      | 6.00 |
| MOTOR 1.75' 0.46 RPG 7/8 4 | 27.49'          |      | 5.00 |
| 4.75" XO PIN X PIN         | 5.50'           | 2.81 | 4.69 |
| MWD DC (HDS1)              | 28.53'          |      | 4.69 |
| NM PNY COLLAR              | 15.20'          | 2.75 | 4.63 |
| X/O 3.5IF X PT39           | 2.73'           | 2.50 | 4.88 |
| 4" DP PT-39                | 10847.61'       | 3.34 | 4.00 |
| XO PT39 X PT 43            | 2.80'           | 2.75 | 5.25 |
| 4.5" HWDPT(PT 43)          | 1840.28'        |      | 4.50 |
| XO PT 43 X DS40            | 1.93'           | 2.75 | 5.30 |
|                            |                 |      |      |
|                            |                 |      |      |
| <b>Total Length:</b>       | <b>12772.82</b> |      |      |

## Bit Info

[illegible]

## Safety

|               |            |                |            |                    |            |             |          |              |  |               |           |
|---------------|------------|----------------|------------|--------------------|------------|-------------|----------|--------------|--|---------------|-----------|
| Last BOP Test | 05/16/2017 | Last BOP Drill | 05/16/2017 | Last Function Test | 05/16/2017 | Diesel Used | 1,824.00 | Diesel Recvd |  | Diesel on Loc | 11,856.00 |
|---------------|------------|----------------|------------|--------------------|------------|-------------|----------|--------------|--|---------------|-----------|

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

| From         | To    | Hours | P / U     | Summary   |
|--------------|-------|-------|-----------|---|
|              |       |       |           | TIME DRILLED F/ 12714" T/ 12,718' (4') 5 MINUTES FOR EVERY INCH UNTIL 10:00<br>TIME DRILLED F/ 12,718' T/ 12,723' (5') 4 MINUTES PER INCH UNTIL 14:00<br>TIME DRILLED F/ 12,723' T/ 12,728' (5') 3 MINUTES PER INCH UNTIL 17:00<br>SLIDE DRILLED F/ 12,728' T/ 12,733' (5') SLIDE DRILLING HOLDING 180° TF<br>SLIDE DRILLED F/ 12,733' T/ 12,735' (2') SLIDE DRILLING ATTEMPTING TO FIND SIDETRACK LEDGE. |
| 06:00        | 19:00 | 13.00 | UnPlanned | WHILE DRILLING @ 12,732' DIFF PRESSURE SPIKED & TF WENT TO HIGH SIDE OF HOLE. MOTOR STALLED. PICKED OFF BOTTOM TO RESET TF TO LOW SIDE. ATTEMPTED TO RECIPROCATATE BACK TO 12,735' & DID NOT OBSERVE ANY CHANGE ON WOB. OR DIFF OR ANY OTHER INDICATORS THAT IDENTIFIED SIDETRACK POINT. DECISION WAS MADE TO ATTEMPT NEW SIDETRACK POINT.  |
| 19:00        | 19:30 | 0.50  | UnPlanned | DECISION WAS MADE TO SIDETRACK @ 12,523'. WAITING ON ORDERS   |
| 19:30        | 21:00 | 1.50  | UnPlanned | TOOH T/ 12,579 TAKE CHECKSHOT TO CONFIRM SIDETRACK ENTRY POINT SVY DEPTH 12,523 INC 89.81° AZI 254.12°. L/O SINGLE ON STAND # 133 TO BEGIN TROUGHING PROCEDURE.   |
|              |       |       |           | TROUGHING SIDETRACK F/ 12,463' T/12,523'  |
| 21:00        | 01:00 | 4.00  | UnPlanned | WORKED PIPE UP & DOWN 60' ABOVE SIDETRACK POINT HOLDING MOTOR TOOLFACE TO LOW SIDE. TROUGHING UNTIL TOOL FACE WAS LOCKED IN TO LOW SIDE. FLOWING 218 GPM.   |
| 01:00        | 06:00 | 5.00  | UnPlanned | TIME DRILLED F/ 12523' T/ 12,528' (5') 5 MINUTES FOR EVERY INCH UNTIL 06:00   |
|              |       |       |           |   |
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|              |       |       |           |   |
|              |       |       |           |   |
| Total Hours: |       | 24    |           |   |

### 24 Hour Activity Summary:

ATTEMPT TO SIDETRACK @ 12,713' UNSUCCESSFUL. DECISION WAS MADE TO SIDETRACK @ 12,523'

### 24 Hour Plan Forward:

TIME DRILL AS PER JPE SIDETRACK PROCEDURE. GAIN SEPARATION FROM ORIGINAL WELLBORE.

