



# UL 20 Sugarloaf 20-37-48 510 4H

AFE4711

Well ID: 18246

Report Date: 06/15/2018

## Daily Drilling Partner Report

DFS: 2 EST DAYS:

|   |                               |   |   |                                   |                     |                          |                 |  |
|---|-------------------------------|---|---|-----------------------------------|---------------------|--------------------------|-----------------|--|
| RPT NO.<br>02   | OPERATOR<br>OASIS PETROLEUM   | FIELD NAME<br>PHANTOM WOLFCAMP                    | RIG NAME/NO<br>NABORS X50                   | TMD<br>383.0 usft                 | TVD<br>383.0 usft   | FOOTAGE<br>91.0 usft     | ROP(Last)<br>-- | AVG ROP<br>15.2 ft/hr                                |
| API<br>42495341130000   | STATE<br>TEXAS                | COUNTY<br>WINKLER                                 | LOCATION<br>UL 20 Sugarloaf 20-37-48 510 4H | SIDETRACK NO<br>00                |                     |                          |                 |  |
| PREVIOUS WELL RIG RELEASE   | SPUD DATE<br>06/13/2018 16:30 | DATE TO REACHED                                   | RIG RELEASE                                 | REPORT DESCRIPTION<br>SFC CSG/CMT |                     |                          |                 |  |
| CURRENT STATUS<br>INSTALLING WELLHEAD AND NU BOP  |                               |   | TARGET FORMATION<br>WOLFCAMP                |                                   | KB ELEV<br>0.0 usft |                          |                 |  |
| 24 HR FORECAST<br>NU BOP'S - TEST - DRILL 1ST INTERMEDIATE  |                               | SAFETY MEETING TOPIC<br>RIGGING UP RUNNING CASING |   | ACC LST 24 HRS?<br>No             |                     |                          |                 |  |
| 24 HR OPERATIONS SUMMARY<br>TD SURFACE HOLE - RUN 16" CASING - CEMENT SURFACE CASING - CUT CASING AND INSTALL WELLHEAD  |                               |   |   |                                   |                     |                          |                 |  |
| RIG DIRECTIONS<br>DIRECTIONS TO LOCTATION : PYOTE,TX TRAVEL WEST ON HWY 2355 FOR 9.3 MILES , TURN RIGHT (NORTH) ON LEASE ROAD BY (2) WHITE OIL TANKS , TRAVEL ROAD FOR 5.0 MILES, TURN RIGHT (EAST) ON LEASE ROAD TRAVEL FOR 1.5 MILES TO RIG<br>SURFACE LOCATION: LAT : 31.677 |                               |   |   |                                   |                     |                          |                 |  |
| LAST CASING<br>30.000 in @ 107.0 usft   |                               | NEXT CASING<br>16.000 in @ 378.0 usft             |   | LAST BOP TEST                     |                     | AUTH TMD<br>1,851.0 usft |                 | SUPERVISOR / ENGINEER<br>Chuck Taylor / TY TSCHACHER |

### BITS/BIT OPERATIONS

| BIT NO | SIZE (in) | MANUF                           | MODEL    | SERIAL # | JETS / TFA (32nd") | WOB (Min/Max) (kip) | RPM (Min/Max) (rpm) | DEPTH IN/OUT (usft) | FTG (Last/Cum) (usft) | HRS (Last/Cum) (hr) | ROP (Last/Cum) (ft/hr) | I-O-B-G-R   |
|--------|-----------|---------------------------------|----------|----------|--------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|------------------------|-------------|
| 1      | 20.000    | HALLIBURTON ENERGY SERVICES INC | TRI CONE | 5192672  | 4 / 18 / 0.994     | 15.0/20.0           | 80/100              | 107.0<br>383.0      | 278.0<br>278.0        | 6.00<br>19.50       | 46.3<br>14.3           | 2-2-2- I-TD |

### OPERATION DETAILS

Total Hours 24.00

| HOURS         | DURATION (hr) | PHASE | CODE                | SUBCODE                   | DESCRIPTION   |
|---------------|---------------|-------|---------------------|---------------------------|---|
| 06:00 - 12:00 | 6.00          | SFCDR | DRILLING            | NEW HOLE ROTARY           | DRILL 20" HOLE FROM 292' - 383'. SHUFFLED BHA AS NECESSARY TO DRILL.  |
| 12:00 - 12:30 | 0.50          | SFCCS | RIG SERVICE ALOTTED | SAFETY                    | PERFORMED A DROPPED OBJECTS INSPECTION OF TOP DRIVE AND DERRICK. CHECKED ALL BOLTS AND SAFETY CABLES ON TOP DRIVE   |
| 12:30 - 15:00 | 2.50          | SFCCS | TRIP IN / TRIP OUT  | PU / LD TOOLS / BHA       | PJSM TRIPPED OUT OF HOLE WITH BHA, LAID DOWN 2 EA STABILIZERS- SHOCK SUB - BIT SUB AND BIT.   |
| 15:00 - 17:00 | 2.00          | SFCCS | RUN CSG AND CEMENT  | RUN CASING                | PJSM - RIG UP 16" CASING EQUIPMENT -  |
| 17:00 - 18:30 | 1.50          | SFCCS | RUN CSG AND CEMENT  | 3RD PARTY EQUIPMENT - CSG | ANTI-ROTATING-BRACKET FOR CRT BOLT HOLES DID NOT LINE UP WITH TOP DRIVE MOUNTING HOLES - WAIT ON NEW BRACKET. COMPLETED RIG UP OF CRT.  |
| 18:30 - 21:30 | 3.00          | SFCCS | RUN CSG AND CEMENT  | RUN CASING                | PJSM - RAN FLOAT SHOE - 1 JT OF 16" CASING - FLOAT COLLAR - 8 JTS OF 16" CASING. WASHED DOWN LAST JOINT AND TAGGED AT 383'. PICKED UP TO 381' TO SPACE OUT COUPLING IN WELLHEAD AREA.   |
| 21:30 - 00:30 | 3.00          | SFCCS | RUN CSG AND CEMENT  | CEMENTING                 | PJSM - RIGGED UP CEMENT HEAD AND SURFACE LINES FOR HALLIBURTON. HELD PJSM - BROKE CIRCULATION WITH HALLIBURTON, TESTED LINES TO 2500 PSI, PUMP 20 BBLS GEL SPACER W/ RED DYE, MIX AND PUMP (600 SXS) CLASS C CEMENT @ 5 BPM, DROP TOP PLUG, DISPLACE WITH 76 BBLS FW @3.5 BPM, BUMP PLUG WITH 500 PSI OVER PUMP RATE HELD 1 MINUTE INCREASE TO 1300 PSI TO TEST CASING 30 MIN. FULL RETURNS DURING JOB, 31 BBLS CEMENT TO SURFACE. BLEED PRESSURE FLOATS HELD OK. |
| 00:30 - 01:00 | 0.50          | SFCCS | RUN CSG AND CEMENT  | CEMENTING                 | RIGGED DOWN CEMENT HEAD AND SURFACE LINES.  |
| 01:00 - 02:30 | 1.50          | SFCCS | WAIT ON CEMENT      | WAIT ON CEMENT            | WAIT ON CEMENT.   |
| 02:30 - 06:00 | 3.50          | SFCCS | NU BOP              | NIPPLE UP                 | CUT OF 16" CASING, INSTALL CACTUS WELLHEAD  |

COMMENT: DIRECTIONS TO LOCTATION : PYOTE,TX TRAVEL WEST ON HWY 2355 FOR 9.3 MILES , TURN RIGHT (NORTH) ON LEASE ROAD BY (2) WHITE OIL TANKS , TRAVEL ROAD FOR 5.0 MILES, TURN RIGHT (EAST) ON LEASE ROAD TRAVEL FOR 1.5 MILES TO RIG

### SURVEY DATA

E/W

| MD (usft) | INCL (°) | AZI (°) | TVD (usft) | VS (usft) | DLS (°/100ft) | N/S | E/W | MD (usft) | INCL (°) | AZI (°) | TVD (usft) | VS (usft) | DLS (°/100ft) | N/S | E/W |
|-----------|----------|---------|------------|-----------|---------------|-----|-----|-----------|----------|---------|------------|-----------|---------------|-----|-----|
|-----------|----------|---------|------------|-----------|---------------|-----|-----|-----------|----------|---------|------------|-----------|---------------|-----|-----|

No Surveys Taken

| BHA NO.                              | 1 | BHA              |     |         |         |             | MUD ADDITIVES |      |      | TOTAL COST | \$0.00 |
|--------------------------------------|---|------------------|-----|---------|---------|-------------|---------------|------|------|------------|--------|
| ITEM                                 |   | ITEM DESCRIPTION | JTS | OD (in) | ID (in) | LENGTH (ft) | ITEM          | USED | COST | INVENTORY  |        |
| Spiral Drill Collar                  |   |                  | 6   | 6.250   | 2.875   | 186.45      |               |      |      |            |        |
| Cross Over                           |   |                  | 1   | 8.000   |         | 5.29        |               |      |      |            |        |
| Spiral Drill Collar                  |   |                  | 2   | 8.000   | 2.750   | 62.13       |               |      |      |            |        |
| Undergauge Integral Blade Stabilizer |   |                  | 1   | 19.750  | 2.750   | 8.02        |               |      |      |            |        |
| Spiral Drill Collar                  |   |                  | 1   | 8.000   | 2.750   | 31.00       |               |      |      |            |        |
| Undergauge Integral Blade Stabilizer |   |                  | 1   | 19.750  | 2.750   | 8.62        |               |      |      |            |        |
| Shock Sub                            |   |                  | 1   | 8.000   | 3.000   | 11.58       |               |      |      |            |        |
| Bit Sub                              |   |                  | 1   | 9.000   |         | 5.28        |               |      |      |            |        |
| Tri-Cone Bit                         |   |                  |     | 20.000  |         | 1.40        |               |      |      |            |        |

UL 20 Sugarloaf 20-37-48 510 4H

AFE4711

Well ID: 18246

Report Date: 06/15/2018

Daily Drilling Partner Report

DFS: 2 EST DAYS:

|                        |                    |                         |  |                         |             |                   |                    |            |                  |             |  |                |             |            |             |          |                |
|------------------------|--------------------|-------------------------|--|-------------------------|-------------|-------------------|--------------------|------------|------------------|-------------|--|----------------|-------------|------------|-------------|----------|----------------|
| TORQUE ON BTM (ft-lbf) |                    | TORQUE OFF BTM (ft-lbf) |  |                         |             | TOTAL LENGTH (ft) |                    |            |                  |             |  |                |             |            |             |          |                |
| 5,000.0                |                    | 1,500.0                 |  |                         |             | 319.77            |                    |            |                  |             |  |                |             |            |             |          |                |
| STRING WEIGHT (kip)    |                    | STRING WEIGHT UP (kip)  |  | STRING WEIGHT DWN (kip) |             |                   |                    |            |                  |             |  |                |             |            |             |          |                |
| 80.0                   |                    | 85.0                    |  | 80.0                    |             |                   |                    |            |                  |             |  |                |             |            |             |          |                |
| Density (ppg)          |                    |                         |  | Bgas (gas u)            |             | TGas (gas u)      |                    | /          |                  | MUD CHECK   |  | MUD LOST (bbl) |             |            |             |          |                |
| FV (s/qt)              | WL HTHP (cc/30min) | PV/YP (cp)/(lbf/100ft²) |  | GELS (lbf/100ft²)       |             | ES                | FC(32nd") /Cl(ppm) |            | Salt(%)          | CORR(%)     |  | CA(ppm)        | OIL/WAT     | ECD(ppg)   | LGS/HGS (%) | ASG (sg) | LIME (lbm/bbl) |
| --                     | --                 | --/--                   |  | --/--                   |             | --                | --/--              |            | --               | --          |  | --             | --/--       | --         | --/--       | --       | --             |
| LAST CEMENT JOB        |                    |                         |  |                         |             |                   |                    |            |                  |             |  |                |             |            |             |          |                |
| Finished cementing the |                    | SURFACE CASING          |  | from                    | 0.0'        | to                | 0.0'               | on         | 06/15/2018 01:58 |             |  |                |             |            |             |          |                |
| FLUID NAME             |                    | DESCRIPTION             |  | DENSITY(ppg)            | VOLUME(bbl) | SACKS USED        |                    | FLUID NAME |                  | DESCRIPTION |  | DENSITY(ppg)   | VOLUME(bbl) | SACKS USED |             |          |                |
| NOTES:                 |                    |                         |  |                         |             |                   |                    |            |                  |             |  |                |             |            |             |          |                |

## UL 20 Sugarloaf 20-37-48 510 4H

AFE4711

Well ID: 18246

Report Date: 06/16/2018

## Daily Drilling Partner Report

DFS: 3 EST DAYS:

|   |                             |   |  |                    |                                   |                          |                 |  |
|---|-----------------------------|---|--|--------------------|-----------------------------------|--------------------------|-----------------|--|
| RPT NO.<br>03   | OPERATOR<br>OASIS PETROLEUM | FIELD NAME<br>PHANTOM WOLFCAMP          | RIG NAME/NO<br>NABORS X50                            | TMD<br>383.0 usft  | TVD<br>383.0 usft                 | FOOTAGE<br>--            | ROP(Last)<br>-- | AVG ROP<br>0.0 ft/hr                                 |
| API<br>42495341130000   | STATE<br>TEXAS              | COUNTY<br>WINKLER                       | LOCATION<br>UL 20 Sugarloaf 20-37-48 510 4H          | SIDETRACK NO<br>00 |                                   |                          |                 |  |
| PREVIOUS WELL RIG RELEASE   |                             | SPUD DATE<br>06/13/2018 16:30           | DATE TO REACHED                                      | RIG RELEASE        | REPORT DESCRIPTION<br>SFC CSG/CMT |                          |                 |  |
| CURRENT STATUS<br>COMPLETE TEST BOP'S, PICK UP BHA  |                             |   | TARGET FORMATION<br>WOLFCAMP                         |                    | KB ELEV<br>0.0 usft               |                          |                 |  |
| 24 HR FORECAST<br>PU BHA, RIH AND TAG CEMENT, DRILL 13 1/2" HOLE  |                             |   | SAFETY MEETING TOPIC<br>NU BOP, ESCAPE ROUTE AND AWF |                    | ACC LST 24 HRS?<br>No             |                          |                 |  |
| 24 HR OPERATIONS SUMMARY<br>NOTIFIED TRRC TO DRILL 13-1/2" INTERMEDIATE JOB# 135093 - GABBY @ 11:15 AM, INSTALL WH, N/U BOP EQUIP & TES, R/U RCD, P/U BHA   |                             |   |  |                    |                                   |                          |                 |  |
| RIG DIRECTIONS<br>DIRECTIONS TO LOCTATION : PYOTE,TX TRAVEL WEST ON HWY 2355 FOR 9.3 MILES , TURN RIGHT (NORTH) ON LEASE ROAD BY (2) WHITE OIL TANKS , TRAVEL ROAD FOR 5.0 MILES, TURN RIGHT (EAST) ON LEASE ROAD TRAVEL FOR 1.5 MILES TO RIG<br>SURFACE LOCATION: LAT : 31.677 |                             |   |  |                    |                                   |                          |                 |  |
| LAST CASING<br>16.000 in @ 378.0 usft   |                             | NEXT CASING<br>10.750 in @ 4,980.0 usft |  | LAST BOP TEST      |                                   | AUTH TMD<br>1,851.0 usft |                 | SUPERVISOR / ENGINEER<br>Chuck Taylor / TY TSCHACHER |

## BITS/BIT OPERATIONS

| BIT NO | SIZE<br>(in) | MANUF                                 | MODEL       | SERIAL # | JETS / TFA (32nd") | WOB<br>(Min/Max)<br>(kip) | RPM<br>(Min/Max)<br>(rpm) | DEPTH IN/OUT<br>(usft) | FTG<br>(Last/Cum)<br>(usft) | HRS<br>(Last/Cum)<br>(hr) | ROP<br>(Last/Cum)<br>(ft/hr) | I-O-B-G-R   |
|--------|--------------|---------------------------------------|-------------|----------|--------------------|---------------------------|---------------------------|------------------------|-----------------------------|---------------------------|------------------------------|-------------|
| 1      | 20.000       | HALLIBURTON<br>ENERGY<br>SERVICES INC | TRI<br>CONE | 5192672  | 4 / 18 / 0.994     | --/--                     | --/--                     | 107.0<br>383.0         | --<br>--                    | --<br>--                  | --<br>--                     | 2-2-2- I-TD |

## OPERATION DETAILS

Total Hours 24.00

| HOURS         | DURATION (hr) | PHASE | CODE              | SUBCODE     | DESCRIPTION  |
|---------------|---------------|-------|-------------------|-------------|--|
| 06:00 - 08:00 | 2.00          | SFCCS | NU BOP            | NIPPLE UP   | ORIENTATE WELLHEAD AND WELD ON, TEST TO 530 PSI. GOOD TEST   |
| 08:00 - 12:00 | 4.00          | SFCCS | NU BOP            | NIPPLE UP   | STACK UP & N/U BOP .   |
| 12:00 - 18:00 | 6.00          | SFCCS | NU BOP            | NIPPLE UP   | CHANGE OUT RAM, CONNECT CHOKE & KILL, TEST CHOKE MANIFOLD OFFLINE  |
| 18:00 - 01:30 | 7.50          | SFCCS | NU BOP            | NIPPLE UP   | N/U RCD, NU ORBIT VALVE, INSTALLED ALL HYDRAULIC HOSES, REFABRICATED 1/2" ORBIT VALVE, FUNCTION RAMS, HCR AND ORBIT VALVE  |
| 01:30 - 06:00 | 4.50          | SFCCS | TEST BOP / CASING | BOP TESTING | TESTED ROTATING HEAD AND ORBIT VALVE TO 500 PSI FOR MINS. TEST BLIND RAMS AGAINST CASING TO 250 PSI/5MIN 1300 PSI/5 MIN. INSTALL TRIPPING SLEEVE IN ROTATING HEAD, PU TEST JOINT. TEST BOPE TO 250 PSI/5 MIN LOW AND 1300 PSI/ 5 MIN HIGH. TEST TIW, IBOPS |

COMMENT:

## SURVEY DATA

LAST SURVEY@0.0 N/S

0.0

E/W

0.0

| MD (usft) | INCL (°) | AZI (°) | TVD<br>(usft) | VS (usft) | DLS (°/100ft) | N/S | E/W | MD (usft) | INCL (°) | AZI (°) | TVD<br>(usft) | VS (usft) | DLS (°/100ft) | N/S | E/W |
|-----------|----------|---------|---------------|-----------|---------------|-----|-----|-----------|----------|---------|---------------|-----------|---------------|-----|-----|
|           |          |         |               |           |               |     |     |           |          |         |               |           |               |     |     |

No Surveys Taken

| BHA NO.                              | 1 | BHA                     |                         |         |         |                   |        | MUD ADDITIVES |      | TOTAL COST | \$0.00 |
|--------------------------------------|---|-------------------------|-------------------------|---------|---------|-------------------|--------|---------------|------|------------|--------|
| ITEM                                 |   | ITEM DESCRIPTION        | JTS                     | OD (in) | ID (in) | LENGTH (ft)       | ITEM   | USED          | COST | INVENTORY  |        |
| Spiral Drill Collar                  |   |                         | 6                       | 6.250   | 2.875   | 186.45            |        |               |      |            |        |
| Cross Over                           |   |                         | 1                       | 8.000   |         | 5.29              |        |               |      |            |        |
| Spiral Drill Collar                  |   |                         | 2                       | 8.000   | 2.750   | 62.13             |        |               |      |            |        |
| Undergauge Integral Blade Stabilizer |   |                         | 1                       | 19.750  | 2.750   | 8.02              |        |               |      |            |        |
| Spiral Drill Collar                  |   |                         | 1                       | 8.000   | 2.750   | 31.00             |        |               |      |            |        |
| Undergauge Integral Blade Stabilizer |   |                         | 1                       | 19.750  | 2.750   | 8.62              |        |               |      |            |        |
| Shock Sub                            |   |                         | 1                       | 8.000   | 3.000   | 11.58             |        |               |      |            |        |
| Bit Sub                              |   |                         | 1                       | 9.000   |         | 5.28              |        |               |      |            |        |
| Tri-Cone Bit                         |   |                         |                         | 20.000  |         | 1.40              |        |               |      |            |        |
| TORQUE ON BTM (ft-lbf)               |   | TORQUE OFF BTM (ft-lbf) |                         |         |         | TOTAL LENGTH (ft) |        |               |      |            |        |
| --                                   |   | --                      |                         |         |         |                   | 319.77 |               |      |            |        |
| STRING WEIGHT (kip)                  |   | STRING WEIGHT UP (kip)  | STRING WEIGHT DWN (kip) |         |         |                   |        |               |      |            |        |
|                                      |   |                         |                         |         |         |                   |        |               |      |            |        |

| Density (ppg) |                       | Bgas (gas u)               |                      | TGas (gas u) |                       | MUD CHECK |         | MUD LOST (bbl) |         |          |                |          |                |
|---------------|-----------------------|----------------------------|----------------------|--------------|-----------------------|-----------|---------|----------------|---------|----------|----------------|----------|----------------|
| FV<br>(s/qt)  | WL HTHP<br>(cc/30min) | PV/YP<br>(cp)/(lbf/100ft²) | GELS<br>(lbf/100ft²) | ES           | FC(32nd")<br>/Cl(ppm) | Salt(%)   | CORR(%) | CA(ppm)        | OIL/WAT | ECD(ppg) | LGS/HGS<br>(%) | ASG (sg) | LIME (lbm/bbl) |
| --            | --                    | --/--                      | --/--                | --           | --/--                 | --        | --      | --             | --/--   | --       | --/--          | --       | --             |

## LAST CEMENT JOB

| Finished cementing the | SURFACE CASING | from         | 0.0'        | to         | 0.0'       | on          | 06/15/2018 01:58 |             |            |  |  |  |  |
|------------------------|----------------|--------------|-------------|------------|------------|-------------|------------------|-------------|------------|--|--|--|--|
| FLUID NAME             | DESCRIPTION    | DENSITY(ppg) | VOLUME(bbl) | SACKS USED | FLUID NAME | DESCRIPTION | DENSITY(ppg)     | VOLUME(bbl) | SACKS USED |  |  |  |  |
|                        |                |              |             |            |            |             |                  |             |            |  |  |  |  |

NOTES:

# UL 20 Sugarloaf 20-37-48 510 4H

AFE4711

Well ID: 18246

Report Date: 06/17/2018

## Daily Drilling Partner Report

DFS: 4 EST DAYS:

| RPT NO.<br>04   | OPERATOR<br>OASIS PETROLEUM   | FIELD NAME<br>PHANTOM WOLFCAMP          | RIG NAME/NO<br>NABORS X50 | TMD<br>719.0 usft                           | TVD<br>719.0 usft  | FOOTAGE<br>336.0 usft    | ROP(Last)<br>185.0 ft/hr | AVG ROP<br>74.7 ft/hr                                |                       |                     |                        |            |               |        |     |
|---|---|---|---------------------------|---|--|--------------------------|--------------------------|--|-----------------------|---------------------|------------------------|------------|---------------|--------|-----|
| API<br>42495341130000   |   | STATE<br>TEXAS                          | COUNTY<br>WINKLER         | LOCATION<br>UL 20 Sugarloaf 20-37-48 510 4H |  | SIDETRACK NO<br>00       |                          |  |                       |                     |                        |            |               |        |     |
| PREVIOUS WELL RIG RELEASE   |   | SPUD DATE<br>06/13/2018 16:30           | DATE TO REACHED           | RIG RELEASE                                 | REPORT DESCRIPTION   |                          |                          |  |                       |                     |                        |            |               |        |     |
| CURRENT STATUS<br>PU 6 1/2" DC'S  |   |   |                           | TARGET FORMATION<br>WOLFCAMP                |  | KB ELEV<br>0.0 usft      |                          |  |                       |                     |                        |            |               |        |     |
| 24 HR FORECAST<br>PU REMAINING BHA, CONTINUE TO DRILL 13 1/2" HOLE  |   |   |                           | SAFETY MEETING TOPIC<br>TRIPPING            |  | ACC LST 24 HRS?<br>No    |                          |  |                       |                     |                        |            |               |        |     |
| 24 HR OPERATIONS SUMMARY<br>COMPLETE BOP TEST, CONNECT UP FLOW LINE, PU BHA, DRILL PLUG, FC AND SHOE, PULLED BACK AND PU 8" DC, RIH AND DRILL TO 719'   |   |   |                           |   |  |                          |                          |  |                       |                     |                        |            |               |        |     |
| RIG DIRECTIONS<br>DIRECTIONS TO LOCTATION : PYOTE,TX TRAVEL WEST ON HWY 2355 FOR 9.3 MILES , TURN RIGHT (NORTH) ON LEASE ROAD BY (2) WHITE OIL TANKS , TRAVEL ROAD FOR 5.0 MILES, TURN RIGHT (EAST) ON LEASE ROAD TRAVEL FOR 1.5 MILES TO RIG<br>SURFACE LOCATION: LAT : 31.677 |   |   |                           |   |  |                          |                          |  |                       |                     |                        |            |               |        |     |
| LAST CASING<br>16.000 in @ 378.0 usft   |   | NEXT CASING<br>10.750 in @ 4,980.0 usft |                           | LAST BOP TEST                               |  | AUTH TMD<br>1,851.0 usft |                          | SUPERVISOR / ENGINEER<br>Chuck Taylor / TY TSCHACHER |                       |                     |                        |            |               |        |     |
| BITS/BIT OPERATIONS   |   |   |                           |   |  |                          |                          |  |                       |                     |                        |            |               |        |     |
| BIT NO  | SIZE (in)   | MANUF                                   | MODEL                     | SERIAL #                                    | JETS / TFA (32nd")   | WOB (Min/Max) (kip)      | RPM (Min/Max) (rpm)      | DEPTH IN/OUT (usft)                                  | FTG (Last/Cum) (usft) | HRS (Last/Cum) (hr) | ROP (Last/Cum) (ft/hr) | I-O-B-G-R  |               |        |     |
| 2   | 13.500  | ULTERRA DRILLING TECHNOLOGIES LP        | u616s                     | 352102                                      | / 0.902  | 5.0/15.0                 | 20/40                    | 383.0<br>--  | 336.0<br>336.0        | 4.50<br>4.50        | 74.7<br>74.7           | ---        |               |        |     |
| OPERATION DETAILS   |   |   |                           |   |  |                          |                          |  | Total Hours           |                     | 24.00                  |            |               |        |     |
| HOURS   | DURATION (hr)   | PHASE                                   | CODE                      | SUBCODE                                     | DESCRIPTION  |                          |                          |  |                       |                     |                        |            |               |        |     |
| 06:00 - 07:00   | 1.00  | SFCCS                                   | NU BOP                    | NIPPLE UP                                   | TEST FLOOR SAFETY VALVES WHIILE RIGGING UP FLOW LINE.  |                          |                          |  |                       |                     |                        |            |               |        |     |
| 07:00 - 11:00   | 4.00  | SFCCS                                   | NU BOP                    | NIPPLE UP                                   | CONTINUE TO CONNECTING FLOW LINE & LAY OUT BHA.  |                          |                          |  |                       |                     |                        |            |               |        |     |
| 11:00 - 16:00   | 5.00  | SFCCS                                   | NU BOP                    | NIPPLE UP                                   | UNABLE TO CONNECT FLEX HOSE TO ORBIT VALVE & UNION CROSS OVER DUE TO EXCESSIVE LENGTH. REMOVE RCD AND RE-ORIENTATE TO ALLOW FLEX HOSE TO CONNECT. RE-TORQUE RCD TO TOP OF ANNULAR. CENTER BOP STACK. P/U AND INSTALL MOUSE HOLE.                       |                          |                          |  |                       |                     |                        |            |               |        |     |
| 16:00 - 17:00   | 1.00  | SFCCS                                   | TRIP IN / TRIP OUT        | WEATHER                                     | PJSM TO P/U BHA & WAIT ON WEATHER DUE TO HEAVY LIGHTNING STRIKES.  |                          |                          |  |                       |                     |                        |            |               |        |     |
| 17:00 - 18:30   | 1.50  | SFCCS                                   | TRIP IN / TRIP OUT        | TRIP IN / TRIP OUT                          | PICK UP MOTOR AND MWD, SCRIBE TOOLS AND MAKE UP BIT. PICK UP DIRECTIONAL NMDC & STAB.  |                          |                          |  |                       |                     |                        |            |               |        |     |
| 18:30 - 19:30   | 1.00  | SFCCS                                   | TRIP IN / TRIP OUT        | WEATHER                                     | HEAVY LIGHTNING, WIND AND DRIVING RAIN, WAIT ON WEATHER.   |                          |                          |  |                       |                     |                        |            |               |        |     |
| 19:30 - 23:30   | 4.00  | SFCCS                                   | TRIP IN / TRIP OUT        | PU / LD TOOLS / BHA                         | CONTINUED PICK UP 13 1/4" STABILIZER, 8 1/4" NMDC,SHOCK SUB, 13 1/4" STABILIZER AND 8" DC  |                          |                          |  |                       |                     |                        |            |               |        |     |
| 23:30 - 04:00   | 4.50  | 1INTD                                   | DRILLING                  | NEW HOLE ROTARY                             | RIH AND TAGGED TOP OF FLOAT AT 333'. DRILLED FLOAT, FLOAT COLLAR AND SHOE TO 402'. PULLED BACK 1 STD HWDP. OBSERVED WELLBORE STATIC WITH 10 PPG MUD, PICK UP 8" DC AND RIH TO 402'. DRILLED FROM 402' TO 719' GPM 600 TO 900, RPM 20 - 40, WOB 10 -15. |                          |                          |  |                       |                     |                        |            |               |        |     |
| 04:00 - 06:00   | 2.00  | 1INTD                                   | TRIP IN / TRIP OUT        | PU / LD TOOLS / BHA                         | POOH WITH 4 STDS HWDP. PICK UP 3 JOINTS 6 1/2" DC'S.   |                          |                          |  |                       |                     |                        |            |               |        |     |
| COMMENT:  |   |   |                           |   |  |                          |                          |  |                       |                     |                        |            |               |        |     |
| SURVEY DATA   |   |   |                           |   |  |                          |                          |  |                       |                     |                        |            |               |        |     |
| LAST SURVEY@576.0 N/S   |   |   |                           |   |  |                          |                          |  |                       |                     | 2.9                    | E/W        | 0.6           |        |     |
| MD (usft)   | INCL (°)  | AZI (°)                                 | TVD (usft)                | VS (usft)                                   | DLS (°/100ft)  | N/S                      | E/W                      | MD (usft)  | INCL (°)              | AZI (°)             | TVD (usft)             | VS (usft)  | DLS (°/100ft) | N/S    | E/W |
| 0.0   | 0.00  | 0.00                                    | 0.0                       | 0.0   | 0.00   | 0.0                      | 0.0                      | 576.0  | 0.38                  | 348.60              | 576.0                  | 2.9        | 0.16          | 2.9    | 0.6 |
| 422.0   | 0.50  | 16.20                                   | 422.0                     | 1.8   | 0.12   | 1.8                      | 0.5                      |  |                       |                     |                        |            |               |        |     |
| BHA NO.   |   | 2                                       | BHA                       |   |  |                          |                          |  | MUD ADDITIVES         |                     |                        | TOTAL COST |               | \$0.00 |     |
| ITEM  | ITEM DESCRIPTION  |   |                           |   |  | JTS                      | OD (in)                  | ID (in)  | LENGTH (ft)           | ITEM                | USED                   | COST       | INVENTORY     |        |     |
| Heavy Weight Drill Pipe   |   |   |                           |   |  |                          | 5.000                    | 3.000  | 648.51                |                     |                        |            |               |        |     |
| Cross Over  |   |   |                           |   |  |                          | 6.000                    | 2.000  | 3.67                  |                     |                        |            |               |        |     |
| Drill Collar  |   |   |                           |   |  |                          | 6.000                    | 2.000  | 279.49                |                     |                        |            |               |        |     |
| Cross Over  |   |   |                           |   |  |                          | 8.000                    | 2.000  | 3.63                  |                     |                        |            |               |        |     |
| Drill Collar  |   |   |                           |   |  |                          | 8.000                    | 2.000  | 217.33                |                     |                        |            |               |        |     |
| Cross Over  |   |   |                           |   |  |                          | 8.000                    | 2.000  | 2.85                  |                     |                        |            |               |        |     |
| Integral Blade Stabilizer   |   |   |                           |   |  |                          | 8.000                    | 2.000  | 5.64                  |                     |                        |            |               |        |     |
| Shock Sub   |   |   |                           |   |  |                          | 8.000                    | 2.000  | 11.77                 |                     |                        |            |               |        |     |
| Non-Mag Drill Collar  |   |   |                           |   |  |                          | 8.000                    | 2.000  | 30.80                 |                     |                        |            |               |        |     |
| Non-Mag Integral Blabe Stabilizer   |   |   |                           |   |  |                          | 8.000                    | 2.000  | 7.99                  |                     |                        |            |               |        |     |
| MWD Tool  |   |   |                           |   |  |                          | 8.000                    | 2.000  | 28.24                 |                     |                        |            |               |        |     |
| Non-Mag Integral Blabe Stabilizer   |   |   |                           |   |  |                          | 8.000                    | 2.000  | 7.07                  |                     |                        |            |               |        |     |
| Bent Housing  | Mud Motor, Bent Housing, 8 x2 13/16 in, 149.92 ppf, 4145H MOD, 6 5/8 REG, |   |                           |   |  |                          | 8.000                    | 2.812  | 28.00                 |                     |                        |            |               |        |     |
| Polycrystalline Diamond Bit   |   |   |                           |   |  |                          | 13.500                   |  | 1.50                  |                     |                        |            |               |        |     |

# UL 20 Sugarloaf 20-37-48 510 4H

AFE4711

Well ID: 18246

Report Date: 06/17/2018

## Daily Drilling Partner Report

DFS: 4 EST DAYS:

| TORQUE ON BTM (ft-lbf) |  | TORQUE OFF BTM (ft-lbf) |  | TOTAL LENGTH (ft)       |  |
|------------------------|--|-------------------------|--|-------------------------|--|
| 8,000.0                |  | 1,500.0                 |  | 1,276.49                |  |
| STRING WEIGHT (kip)    |  | STRING WEIGHT UP (kip)  |  | STRING WEIGHT DWN (kip) |  |
| 106.0                  |  | 106.0                   |  | 106.0                   |  |
| Density (ppg)          |  | Bgas (gas u)            |  | TGas (gas u)            |  |
| FV (s/qt)              |  | WL HTHP (cc/30min)      |  | PV/YP (cp)/(lbf/100ft²) |  |
| GELS (lbf/100ft²)      |  | ES                      |  | FC(32nd") /Cl(ppm)      |  |
| --                     |  | --                      |  | --                      |  |

| LAST CEMENT JOB        |  |                |  |              |  |             |  |            |  |            |  |             |  |
|------------------------|--|----------------|--|--------------|--|-------------|--|------------|--|------------|--|-------------|--|
| Finished cementing the |  | SURFACE CASING |  | from         |  | 0.0'        |  | to         |  | 0.0'       |  | on          |  |
| FLUID NAME             |  | DESCRIPTION    |  | DENSITY(ppg) |  | VOLUME(bbl) |  | SACKS USED |  | FLUID NAME |  | DESCRIPTION |  |
|                        |  |                |  |              |  |             |  |            |  |            |  |             |  |

NOTES:

# UL 20 Sugarloaf 20-37-48 510 4H

AFE4711

Well ID: 18246

Report Date: 06/18/2018

## Daily Drilling Partner Report

DFS: 5 EST DAYS:

|  |                             |   |   |                                      |                     |                          |                          |  |
|--|-----------------------------|---|---|--------------------------------------|---------------------|--------------------------|--------------------------|--|
| RPT NO.<br>05  | OPERATOR<br>OASIS PETROLEUM | FIELD NAME<br>PHANTOM WOLFCAMP          | RIG NAME/NO<br>NABORS X50                   | TMD<br>2,992.0 usft                  | TVD<br>2,991.7 usft | FOOTAGE<br>2,273.0 usft  | ROP(Last)<br>103.0 ft/hr | AVG ROP<br>126.3 ft/hr                               |
| API<br>42495341130000  | STATE<br>TEXAS              | COUNTY<br>WINKLER                       | LOCATION<br>UL 20 Sugarloaf 20-37-48 510 4H | SIDETRACK NO<br>00                   |                     |                          |                          |  |
| PREVIOUS WELL RIG RELEASE  |                             | SPUD DATE<br>06/13/2018 16:30           | DATE TD REACHED                             | RIG RELEASE                          | REPORT DESCRIPTION  |                          |                          |  |
| CURRENT STATUS<br>DRILLING 13 1/2" HOLE AT   |                             |   |   | TARGET FORMATION<br>WOLFCAMP         |                     | KB ELEV<br>0.0 usft      |                          |  |
| 24 HR FORECAST<br>CONTINUE TO DRILL 13 1/2" HOLE TO TD, CIRCULATE & POOH   |                             |   |   | SAFETY MEETING TOPIC<br>HOUSEKEEPING |                     | ACC LST 24 HRS?<br>No    |                          |  |
| 24 HR OPERATIONS SUMMARY<br>TIH WITH 6 1/2" DC'S, DRILL 13 1/2" HOLE FROM 719' TO 2992'  |                             |   |   |                                      |                     |                          |                          |  |
| RIG DIRECTIONS<br>DIRECTIONS TO LOCATION : PYOTE,TX TRAVEL WEST ON HWY 2355 FOR 9.3 MILES , TURN RIGHT (NORTH) ON LEASE ROAD BY (2) WHITE OIL TANKS , TRAVEL ROAD FOR 5.0 MILES, TURN RIGHT (EAST) ON LEASE ROAD TRAVEL FOR 1.5 MILES TO RIG<br>SURFACE LOCATION: LAT : 31.677 |                             |   |   |                                      |                     |                          |                          |  |
| LAST CASING<br>16.000 in @ 378.0 usft  |                             | NEXT CASING<br>10.750 in @ 4,980.0 usft |   | LAST BOP TEST<br>6/17/2018           |                     | AUTH TMD<br>1,851.0 usft |                          | SUPERVISOR / ENGINEER<br>Chuck Taylor / TY TSCHACHER |

### BITS/BIT OPERATIONS

| BIT NO | SIZE (in) | MANUF                            | MODEL | SERIAL # | JETS / TFA (32nd") | WOB (Min/Max) (kip) | RPM (Min/Max) (rpm) | DEPTH IN/OUT (usft) | FTG (Last/Cum) (usft) | HRS (Last/Cum) (hr) | ROP (Last/Cum) (ft/hr) | I-O-B-G-R |
|--------|-----------|----------------------------------|-------|----------|--------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|------------------------|-----------|
| 2      | 13.500    | ULTERRA DRILLING TECHNOLOGIES LP | u616s | 352102   | / 0.902            | 10.0/30.0           | 60/70               | 383.0<br>--         | 2,273.0<br>2,609.0    | 18.00<br>22.50      | 126.3<br>116.0         | ---       |

### OPERATION DETAILS

Total Hours 24.00

| HOURS         | DURATION (hr) | PHASE | CODE               | SUBCODE            | DESCRIPTION  |
|---------------|---------------|-------|--------------------|--------------------|--|
| 06:00 - 07:00 | 1.00          | 1INTD | TRIP IN / TRIP OUT | TRIP IN / TRIP OUT | TRIP IN HOLE WITH 6-1/2" DC  |
| 07:00 - 18:00 | 11.00         | 1INTD | DRILLING           | NEW HOLE ROTARY    | DRILL 13-1/2" HOLE SECTION W/ 20-25K WOB, 60 RPM, 830 GPM, 2500 PSI OFF BOTTOM, 3000 PSI ON BOTTOM, 6-10K ROTARY TQ, 145K ROT WT, 155K P/U WT, 140K S/O WT. 111' FT/HR ROP.  |
| 18:00 - 00:00 | 6.00          | 1INTD | DRILLING           | NEW HOLE ROTARY    | DRILL 13 1/2" HOLE SECTION (1800 HRS) ROT, WOB- 20 KLBS, GPM 875, SPP- 2600, RPM 60 DIFF- 350 PSI. SLIDE FROM 2145' TO 2162' (10 MIN) WOB- 12 KLBS, GPM- 875, SPP- 2600 PSI ON BTM, 2400 PSI OFF BTM. CONT ROTATING. SLIDE FROM 2330' - 2357' (40 MIN) 2200 MTF, WOB- 12 KLBS, GPM-795, RPM- 60, SPP- 2650 PSI ON BOTTOM, 2425 PSI OFF BTM. CONTINUE ROTARY DRILLING |
| 00:00 - 06:00 | 6.00          | 1INTD | DRILLING           | NEW HOLE ROTARY    | DRILL 13 1/2" HOLE SECTION TO 2,640'. Rot. WOB 20, GPM 795, 2650 SPP, RPM 60, DIFF 400 SLIDE FROM 2640' TO 2652' @ 214 MTF, WOB 12, GPM 795, 2650 SPP, DIFF 225. (35 MIN) ROTARY DRILL TO 2800' WOB 20, GPM 795, 2650 SPP, RPM 60, DIFF 400. SLIDE F/ 2800 - 2814' @ 160 MTF, WOB 12, GPM 795, 2650 SPP, DIFF 225. (33MIN). ROTARY DRILL 2814' TO 2992'              |

COMMENT:

### SURVEY DATA

LAST SURVEY@2,735.0 N/S

24.7

E/W

3.4

| MD (usft) | INCL (°) | AZI (°) | TVD (usft) | VS (usft) | DLS (°/100ft) | N/S  | E/W | MD (usft) | INCL (°) | AZI (°) | TVD (usft) | VS (usft) | DLS (°/100ft) | N/S  | E/W |
|-----------|----------|---------|------------|-----------|---------------|------|-----|-----------|----------|---------|------------|-----------|---------------|------|-----|
| 763.0     | 0.44     | 10.22   | 763.0      | 4.2       | 0.09          | 4.2  | 0.6 | 1,792.0   | 1.38     | 51.53   | 1,791.9    | 14.6      | 0.27          | 14.6 | 5.4 |
| 948.0     | 0.50     | 5.30    | 948.0      | 5.7       | 0.04          | 5.7  | 0.8 | 1,982.0   | 1.13     | 40.63   | 1,981.9    | 17.5      | 0.18          | 17.5 | 8.4 |
| 1,134.0   | 0.44     | 19.54   | 1,134.0    | 7.2       | 0.07          | 7.2  | 1.1 | 2,170.0   | 0.94     | 4.60    | 2,169.8    | 20.4      | 0.35          | 20.4 | 9.8 |
| 1,226.0   | 0.56     | 27.54   | 1,226.0    | 7.9       | 0.15          | 7.9  | 1.4 | 2,358.0   | 1.06     | 298.33  | 2,357.8    | 22.8      | 0.58          | 22.8 | 8.4 |
| 1,415.0   | 0.63     | 354.75  | 1,415.0    | 9.8       | 0.18          | 9.8  | 1.8 | 2,547.0   | 0.81     | 304.13  | 2,546.8    | 24.4      | 0.14          | 24.4 | 5.7 |
| 1,603.0   | 0.94     | 39.23   | 1,602.9    | 12.0      | 0.35          | 12.0 | 2.7 | 2,735.0   | 0.81     | 250.51  | 2,734.8    | 24.7      | 0.39          | 24.7 | 3.4 |

| BHA NO.                           | 2 | BHA   |     |         |         |             | MUD ADDITIVES |            | TOTAL COST | \$6,438.00 |
|-----------------------------------|---|---|-----|---------|---------|-------------|---------------|------------|------------|------------|
| ITEM                              |   | ITEM DESCRIPTION  | JTS | OD (in) | ID (in) | LENGTH (ft) | ITEM          | USED       | COST       | INVENTORY  |
| Heavy Weight Drill Pipe           |   |   |     | 5.000   | 3.000   | 648.51      | 320           | 4.00 each  | \$3,400.00 | 0.00 each  |
| Cross Over                        |   |   |     | 6.000   | 2.000   | 3.67        | BARITE        | 1.00 sacks | \$3,038.00 | 0.00 sacks |
| Drill Collar                      |   |   |     | 6.000   | 2.000   | 279.49      |               |            |            |            |
| Cross Over                        |   |   |     | 8.000   | 2.000   | 3.63        |               |            |            |            |
| Drill Collar                      |   |   |     | 8.000   | 2.000   | 217.33      |               |            |            |            |
| Cross Over                        |   |   |     | 8.000   | 2.000   | 2.85        |               |            |            |            |
| Integral Blade Stabilizer         |   |   |     | 8.000   | 2.000   | 5.64        |               |            |            |            |
| Shock Sub                         |   |   |     | 8.000   | 2.000   | 11.77       |               |            |            |            |
| Non-Mag Drill Collar              |   |   |     | 8.000   | 2.000   | 30.80       |               |            |            |            |
| Non-Mag Integral Blabe Stabilizer |   |   |     | 8.000   | 2.000   | 7.99        |               |            |            |            |
| MWD Tool                          |   |   |     | 8.000   | 2.000   | 28.24       |               |            |            |            |
| Non-Mag Integral Blabe Stabilizer |   |   |     | 8.000   | 2.000   | 7.07        |               |            |            |            |
| Bent Housing                      |   | Mud Motor, Bent Housing, 8 x2 13/16 in, 149.92 ppf, 4145H MOD, 6 5/8 REG, |     | 8.000   | 2.812   | 28.00       |               |            |            |            |





# UL 20 Sugarloaf 20-37-48 510 4H

AFE4711

Well ID: 18246

Report Date: 06/19/2018

## Daily Drilling Partner Report

DFS: 6 EST DAYS:

|  |                             |   |  |                              |                       |                          |                          |  |
|--|-----------------------------|---|--|------------------------------|-----------------------|--------------------------|--------------------------|--|
| RPT NO.<br>06  | OPERATOR<br>OASIS PETROLEUM | FIELD NAME<br>PHANTOM WOLFCAMP          | RIG NAME/NO<br>NABORS X50                            | TMD<br>4,583.0 usft          | TVD<br>4,581.2 usft   | FOOTAGE<br>1,591.0 usft  | ROP(Last)<br>170.0 ft/hr | AVG ROP<br>97.0 ft/hr                                |
| API<br>42495341130000  | STATE<br>TEXAS              | COUNTY<br>WINKLER                       | LOCATION<br>UL 20 Sugarloaf 20-37-48 510 4H          | SIDETRACK NO<br>00           |                       |                          |                          |  |
| PREVIOUS WELL RIG RELEASE  |                             | SPUD DATE<br>06/13/2018 16:30           | DATE TD REACHED                                      | RIG RELEASE                  | REPORT DESCRIPTION    |                          |                          |  |
| CURRENT STATUS<br>DRILLING 13.5" HOLE. @ 4583  |                             |   |  | TARGET FORMATION<br>WOLFCAMP |                       | KB ELEV<br>0.0 usft      |                          |  |
| 24 HR FORECAST<br>TD 13 1/2" HOLE. CIRCULATE, DROP GYRO, POOH, RIG UP & RUN CASING, CEMENT.  |                             |   | SAFETY MEETING TOPIC<br>HEAT AWARENESS - STAY HYDRAT |                              | ACC LST 24 HRS?<br>No |                          |                          |  |
| 24 HR OPERATIONS SUMMARY<br>DRILLED ROTARY/SLIDE 13 1/2" HOLE FROM 2992' TO 4583   |                             |   |  |                              |                       |                          |                          |  |
| RIG DIRECTIONS<br>DIRECTIONS TO LOCATION : PYOTE,TX TRAVEL WEST ON HWY 2355 FOR 9.3 MILES , TURN RIGHT (NORTH) ON LEASE ROAD BY (2) WHITE OIL TANKS , TRAVEL ROAD FOR 5.0 MILES, TURN RIGHT (EAST) ON LEASE ROAD TRAVEL FOR 1.5 MILES TO RIG<br>SURFACE LOCATION: LAT : 31.677 |                             |   |  |                              |                       |                          |                          |  |
| LAST CASING<br>16.000 in @ 378.0 usft  |                             | NEXT CASING<br>10.750 in @ 4,980.0 usft |  | LAST BOP TEST<br>6/17/2018   |                       | AUTH TMD<br>1,851.0 usft |                          | SUPERVISOR / ENGINEER<br>Chuck Taylor / TY TSCHACHER |

### BITS/BIT OPERATIONS

| BIT NO | SIZE (in) | MANUF                            | MODEL | SERIAL # | JETS / TFA (32nd") | WOB (Min/Max) (kip) | RPM (Min/Max) (rpm) | DEPTH IN/OUT (usft) | FTG (Last/Cum) (usft) | HRS (Last/Cum) (hr) | ROP (Last/Cum) (ft/hr) | I-O-B-G-R |
|--------|-----------|----------------------------------|-------|----------|--------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|------------------------|-----------|
| 2      | 13.500    | ULTERRA DRILLING TECHNOLOGIES LP | u616s | 352102   | / 0.902            | 15.0/37.0           | 60/75               | 383.0<br>--         | 1,591.0<br>4,200.0    | 24.00<br>46.50      | 66.3<br>90.3           | ---       |

### OPERATION DETAILS

Total Hours 24.00

| HOURS         | DURATION (hr) | PHASE | CODE     | SUBCODE          | DESCRIPTION  |
|---------------|---------------|-------|----------|------------------|--|
| 06:00 - 14:00 | 8.00          | 1INTD | DRILLING | NEW HOLE ROTARY  | ROTARY DRILL FROM 2992' TO 3634' WOB 27, GPM 875, 3750 SPP, RPM 45, DIFF 400       |
| 14:00 - 14:30 | 0.50          | 1INTD | DRILLING | NEW HOLE SLIDING | SLIDE FROM 3634' TO 3649' @ 245 MTF, WOB 12, GPM 795, 2650 SPP, DIFF 225           |
| 14:30 - 16:00 | 1.50          | 1INTD | DRILLING | NEW HOLE ROTARY  | ROTARY DRILL FROM 3649" TO 3823' WOB 27, GPM 795, 2650 SPP, RPM 60, DIFF 400       |
| 16:00 - 17:00 | 1.00          | 1INTD | DRILLING | NEW HOLE SLIDING | SLIDE FROM 3823'TO 3838' @ 245 MTF, WOB 12, GPM 795, 2650 SPP, DIFF 225 ( 65 MIN ) |
| 17:00 - 18:30 | 1.50          | 1INTD | DRILLING | NEW HOLE ROTARY  | ROTARY DRILL FROM 3838' TO 3927' WOB 27, GPM 795, 2650 SPP, RPM 60, DIFF 400.      |
| 18:30 - 19:00 | 0.50          | 1INTD | DRILLING | NEW HOLE SLIDING | SLIDE FROM 3927' TO 3942' @ 285 MTF, WOB 12, GPM 795, 2650 SPP, DIFF 225'          |
| 19:00 - 22:00 | 3.00          | 1INTD | DRILLING | NEW HOLE ROTARY  | ROTARY DRILL FROM 3942' TO 4130' WOB 38, GPM 894, 3200 SPP, RPM 70, DIFF 400.      |
| 22:00 - 23:00 | 1.00          | 1INTD | DRILLING | NEW HOLE SLIDING | SLIDE FROM 4130' TO 4149' 315 MTF, WOB 12, GPM 894,3200 SPP, DIFF 225              |
| 23:00 - 00:00 | 1.00          | 1INTD | DRILLING | NEW HOLE ROTARY  | ROTARY DRILL FROM 4149' TO 4212' WOB 38, GPM 795, 3200 SPP, RPM 70, DIFF 400       |
| 00:00 - 01:30 | 1.50          | 1INTD | DRILLING | NEW HOLE SLIDING | SLIDE FROM 4212' TO 4240' @ 305 MTF, WOB 12, GPM 795, 2650 SPP, DIFF 225           |
| 01:30 - 03:00 | 1.50          | 1INTD | DRILLING | NEW HOLE ROTARY  | ROTARY DRILL FROM 4240' TO 4398' WOB 38, GPM 795, 3200 SPP, RPM 70, DIFF 400.      |
| 03:00 - 03:30 | 0.50          | 1INTD | DRILLING | NEW HOLE SLIDING | SLIDE FROM 4398' TO 4408' @ 350 MTF, WOB 15, GPM 795, 2650 SPP, DIFF 225           |
| 03:30 - 05:00 | 1.50          | 1INTD | DRILLING | NEW HOLE ROTARY  | ROTARY DRILL FROM 4408' TO 4495' WOB 38, GPM 795, 3200 SPP, RPM 70, DIFF 400.      |
| 05:00 - 05:30 | 0.50          | 1INTD | DRILLING | NEW HOLE SLIDING | SLIDE FROM 4495' TO 4517' @ 350 MTF, WOB 15, GPM 795, 2650 SPP, DIFF 225           |
| 05:30 - 06:00 | 0.50          | 1INTD | DRILLING | NEW HOLE ROTARY  | ROTARY DRILL FROM 4517' TO 4583' WOB 38, GPM 795, 3200 SPP, RPM 70, DIFF 400.      |

COMMENT:

### SURVEY DATA

LAST SURVEY@4,434.0 N/S

-9.0

E/W

-22.7

| MD (usft) | INCL (°) | AZI (°) | TVD (usft) | VS (usft) | DLS (°/100ft) | N/S  | E/W | MD (usft) | INCL (°) | AZI (°) | TVD (usft) | VS (usft) | DLS (°/100ft) | N/S   | E/W   |
|-----------|----------|---------|------------|-----------|---------------|------|-----|-----------|----------|---------|------------|-----------|---------------|-------|-------|
| 2,358.0   | 1.06     | 298.33  | 2,357.8    | 22.8      | 0.58          | 22.8 | 8.4 | 3,490.0   | 1.31     | 168.07  | 3,489.6    | 8.2       | 0.04          | 8.2   | 2.5   |
| 2,547.0   | 0.81     | 304.13  | 2,546.8    | 24.4      | 0.14          | 24.4 | 5.7 | 3,678.0   | 1.56     | 178.09  | 3,677.5    | 3.5       | 0.19          | 3.5   | 3.1   |
| 2,735.0   | 0.81     | 250.51  | 2,734.8    | 24.7      | 0.39          | 24.7 | 3.4 | 3,867.0   | 2.00     | 194.09  | 3,866.4    | -2.2      | 0.35          | -2.2  | 2.3   |
| 2,924.0   | 1.50     | 185.30  | 2,923.7    | 21.8      | 0.73          | 21.8 | 1.9 | 4,056.0   | 2.38     | 217.82  | 4,055.3    | -8.5      | 0.52          | -8.5  | -0.9  |
| 3,113.0   | 1.50     | 182.49  | 3,112.7    | 16.8      | 0.04          | 16.8 | 1.5 | 4,245.0   | 4.06     | 274.95  | 4,244.0    | -11.1     | 1.81          | -11.1 | -9.9  |
| 3,302.0   | 1.25     | 170.71  | 3,301.6    | 12.3      | 0.20          | 12.3 | 1.8 | 4,434.0   | 3.81     | 284.09  | 4,432.6    | -9.0      | 0.36          | -9.0  | -22.7 |

| BHA NO.                 | 2 | BHA              |     |         |         |             |        | MUD ADDITIVES |            |              | TOTAL COST | \$4,441.00 |
|-------------------------|---|------------------|-----|---------|---------|-------------|--------|---------------|------------|--------------|------------|------------|
| ITEM                    |   | ITEM DESCRIPTION | JTS | OD (in) | ID (in) | LENGTH (ft) | ITEM   | USED          | COST       | INVENTORY    |            |            |
| Heavy Weight Drill Pipe |   |                  |     | 5.000   | 3.000   | 648.51      | 320    | 1.00 each     | \$850.00   | 0.00 each    |            |            |
| Cross Over              |   |                  |     | 6.000   | 2.000   | 3.67        | BARITE |               | \$0.00     | 320.00 sacks |            |            |
| Drill Collar            |   |                  |     | 6.000   | 2.000   | 279.49      | LCM    | 1.00 sacks    | \$3,591.00 | 0.00 sacks   |            |            |
| Cross Over              |   |                  |     | 8.000   | 2.000   | 3.63        |        |               |            |              |            |            |
| Drill Collar            |   |                  |     | 8.000   | 2.000   | 217.33      |        |               |            |              |            |            |

# UL 20 Sugarloaf 20-37-48 510 4H

AFE4711

Well ID: 18246

Report Date: 06/19/2018

## Daily Drilling Partner Report

DFS: 6 EST DAYS:

| BHA NO.                           | 2                  | BHA   |                   |                         |                    |            | MUD ADDITIVES |                     |             | TOTAL COST | \$4,441.00   |             |                |
|-----------------------------------|--------------------|---|-------------------|-------------------------|--------------------|------------|---------------|---------------------|-------------|------------|--------------|-------------|----------------|
| Cross Over                        |                    |   | 8.000             | 2.000                   | 2.85               |            |               |                     |             |            |              |             |                |
| Integral Blade Stabilizer         |                    |   | 8.000             | 2.000                   | 5.64               |            |               |                     |             |            |              |             |                |
| Shock Sub                         |                    |   | 8.000             | 2.000                   | 11.77              |            |               |                     |             |            |              |             |                |
| Non-Mag Drill Collar              |                    |   | 8.000             | 2.000                   | 30.80              |            |               |                     |             |            |              |             |                |
| Non-Mag Integral Blade Stabilizer |                    |   | 8.000             | 2.000                   | 7.99               |            |               |                     |             |            |              |             |                |
| MWD Tool                          |                    |   | 8.000             | 2.000                   | 28.24              |            |               |                     |             |            |              |             |                |
| Non-Mag Integral Blade Stabilizer |                    |   | 8.000             | 2.000                   | 7.07               |            |               |                     |             |            |              |             |                |
| Bent Housing                      |                    | Mud Motor, Bent Housing, 8 x2 13/16 in, 149.92 ppf, 4145H MOD, 6 5/8 REG, | 8.000             | 2.812                   | 28.00              |            |               |                     |             |            |              |             |                |
| Polycrystalline Diamond Bit       |                    |   | 13.500            |                         | 1.50               |            |               |                     |             |            |              |             |                |
| TORQUE ON BTM (ft-lbf)            |                    | TORQUE OFF BTM (ft-lbf)   |                   | TOTAL LENGTH (ft)       |                    |            |               |                     |             |            |              |             |                |
| 15,000.0                          |                    | 7,000.0   |                   | 1,276.49                |                    |            |               |                     |             |            |              |             |                |
| STRING WEIGHT (kip)               |                    | STRING WEIGHT UP (kip)  |                   | STRING WEIGHT DWN (kip) |                    |            |               |                     |             |            |              |             |                |
| 190.0                             |                    | 200.0   |                   | 180.0                   |                    |            |               |                     |             |            |              |             |                |
| Density (ppg)                     |                    | Bgas (gas u)  |                   | TGas (gas u)            |                    | MUD CHECK  |               | MUD LOST (bbl)      |             |            |              |             |                |
| FV (s/qt)                         | WL HTHP (cc/30min) | PV/YP (cp)/(lbf/100ft²)   | GELS (lbf/100ft²) | ES                      | FC(32nd") /Cl(ppm) | Salt(%)    | CORR(%)       | CA(ppm)             | OIL/WAT     | ECD(ppg)   | LGS/HGS (%)  | ASG (sg)    | LIME (lbm/bbl) |
| 27.00                             | --                 | 1.00/1.000  | 1.000/1.000       | --                      | --/170,500         | 11.3600    | --            | 2040                | --/99.00    | --         | --/--        | --          | 0.05           |
| LAST CEMENT JOB                   |                    |   |                   |                         |                    |            |               |                     |             |            |              |             |                |
| Finished cementing the            |                    | SURFACE CASING  |                   | from                    | 0.0'               | to         | 0.0'          | on 06/15/2018 01:58 |             |            |              |             |                |
| FLUID NAME                        |                    | DESCRIPTION   |                   | DENSITY(ppg)            | VOLUME(bbl)        | SACKS USED | FLUID NAME    |                     | DESCRIPTION |            | DENSITY(ppg) | VOLUME(bbl) | SACKS USED     |
| NOTES:                            |                    |   |                   |                         |                    |            |               |                     |             |            |              |             |                |