

WINS No: J8081

YOKUM UL UNIT 19-4 3H

Date: 3/2/2017

AFE No: 2124239

Daily Completion and Workover Report

DOL:

PERFORATIONS

| ZONE | DATE | SIDETRACK # | STATUS | TYPE | TOP (usft) | BASE (usft) |
|------|-----------|-------------|--------|------------|------------|-------------|
| | 2/21/2017 | OH | OPEN | PERFORATED | 12,101.0 | 12,102.0 |
| | 2/21/2017 | OH | OPEN | PERFORATED | 12,197.0 | 12,198.0 |
| | 2/21/2017 | OH | OPEN | PERFORATED | 12,133.0 | 12,134.0 |
| | 2/21/2017 | OH | OPEN | PERFORATED | 12,165.0 | 12,166.0 |
| | 2/21/2017 | OH | OPEN | PERFORATED | 12,069.0 | 12,070.0 |
| | 2/21/2017 | OH | OPEN | PERFORATED | 12,229.0 | 12,230.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,429.0 | 12,430.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,701.0 | 12,702.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,733.0 | 12,734.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,765.0 | 12,766.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,597.0 | 12,598.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,629.0 | 12,630.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,965.0 | 12,966.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,904.0 | 12,905.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,469.0 | 12,470.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,565.0 | 12,566.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 13,030.0 | 13,031.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,365.0 | 12,366.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,301.0 | 12,302.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,673.0 | 12,674.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,869.0 | 12,870.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,269.0 | 12,270.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,829.0 | 12,830.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,396.0 | 12,397.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,501.0 | 12,502.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,997.0 | 12,998.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,333.0 | 12,334.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,933.0 | 12,934.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,531.0 | 12,532.0 |
| | 2/20/2017 | OH | OPEN | PERFORATED | 12,797.0 | 12,798.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,427.0 | 13,428.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,597.0 | 13,598.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,165.0 | 13,166.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,229.0 | 13,230.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,333.0 | 13,334.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,197.0 | 13,198.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,365.0 | 13,366.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,469.0 | 13,470.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,301.0 | 13,302.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,269.0 | 13,270.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,071.0 | 13,072.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,765.0 | 13,766.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,629.0 | 13,630.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,133.0 | 13,134.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,797.0 | 13,798.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,733.0 | 13,734.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,563.0 | 13,564.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,397.0 | 13,398.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,701.0 | 13,702.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,533.0 | 13,534.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,101.0 | 13,102.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,501.0 | 13,502.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,829.0 | 13,830.0 |
| | 2/19/2017 | OH | OPEN | PERFORATED | 13,669.0 | 13,670.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,629.0 | 14,630.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,365.0 | 14,366.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,301.0 | 14,302.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,532.0 | 14,533.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,069.0 | 14,070.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 13,965.0 | 13,966.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,229.0 | 14,230.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,429.0 | 14,430.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,397.0 | 14,398.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,501.0 | 14,502.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,565.0 | 14,566.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,469.0 | 14,470.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,197.0 | 14,198.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,269.0 | 14,270.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,579.0 | 14,580.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 13,997.0 | 13,998.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 13,868.0 | 13,869.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 13,901.0 | 13,902.0 |

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DOL:

| | | | | | | |
|--|-----------|----|------|------------|----------|----------|
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,029.0 | 14,030.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 13,933.0 | 13,934.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,165.0 | 14,166.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,101.0 | 14,102.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,135.0 | 14,136.0 |
| | 2/18/2017 | OH | OPEN | PERFORATED | 14,336.0 | 14,337.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 14,869.0 | 14,870.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 14,829.0 | 14,830.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 15,029.0 | 15,030.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 15,165.0 | 15,166.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 14,997.0 | 14,998.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 15,229.0 | 15,230.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 14,701.0 | 14,702.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 14,934.0 | 14,935.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 14,965.0 | 14,966.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 14,795.0 | 14,796.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 14,901.0 | 14,902.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 15,069.0 | 15,070.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 14,733.0 | 14,734.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 14,672.0 | 14,673.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 15,195.0 | 15,196.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 14,765.0 | 14,766.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 15,133.0 | 15,134.0 |
| | 2/17/2017 | OH | OPEN | PERFORATED | 15,101.0 | 15,102.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,565.0 | 15,566.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,629.0 | 15,630.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,301.0 | 15,302.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,533.0 | 15,534.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,365.0 | 15,366.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,501.0 | 15,502.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,469.0 | 15,470.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,328.0 | 15,329.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,269.0 | 15,270.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,429.0 | 15,430.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,597.0 | 15,598.0 |
| | 2/16/2017 | OH | OPEN | PERFORATED | 15,397.0 | 15,398.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 16,133.0 | 16,134.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 16,198.0 | 16,199.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 16,229.0 | 16,230.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 15,797.0 | 15,798.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 16,029.0 | 16,030.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 16,101.0 | 16,102.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 15,933.0 | 15,934.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 15,669.0 | 15,670.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 15,997.0 | 15,998.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 15,765.0 | 15,766.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 16,069.0 | 16,070.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 15,829.0 | 15,830.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 15,901.0 | 15,902.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 15,701.0 | 15,702.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 15,869.0 | 15,870.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 16,165.0 | 16,166.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 15,965.0 | 15,966.0 |
| | 2/15/2017 | OH | OPEN | PERFORATED | 15,733.0 | 15,734.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,429.0 | 16,430.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,565.0 | 16,566.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,397.0 | 16,398.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,469.0 | 16,470.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,333.0 | 16,334.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,365.0 | 16,366.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,533.0 | 16,534.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,269.0 | 16,270.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,597.0 | 16,598.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,629.0 | 16,630.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,301.0 | 16,302.0 |
| | 2/14/2017 | OH | OPEN | PERFORATED | 16,501.0 | 16,502.0 |
| | 2/4/2017 | OH | OPEN | PERFORATED | 16,733.0 | 16,734.0 |
| | 2/4/2017 | OH | OPEN | PERFORATED | 16,669.0 | 16,670.0 |
| | 2/4/2017 | OH | OPEN | PERFORATED | 16,765.0 | 16,766.0 |
| | 2/4/2017 | OH | OPEN | PERFORATED | 16,797.0 | 16,798.0 |
| | 2/4/2017 | OH | OPEN | PERFORATED | 16,829.0 | 16,830.0 |
| | 2/4/2017 | OH | OPEN | PERFORATED | 16,701.0 | 16,702.0 |

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SUMMARY

MIRU 2 3/8" COIL TUBING PARTNERS CTU. WELD ON CONNECTOR. M/U BAKER BHA. DRILL OUT (2) COPPERHEADS , BOSS HOG FTCP #3 THROUGH #12. SENT GEL SWEEP AFTER EACH PLUG.

OPERATION DETAILS

| HOURS | DUR (hr) | PHASE | CODE | SUB | DESCRIPTION |
|---------------|-------------|--------|-------------------------|-------------------------|---|
| 00:00 - 16:00 | 16.00 | DRLOUT | 46 P - WAITING | H - PAD WELL OPS | WAITING FOR CTU. |
| 16:00 - 20:44 | 4.73 | DRLOUT | 32 P - COILED TUBING | 1 - RU / RD COIL TBG | MIRU 2 3/8" CTP CTU. WELD ON NEW COIL CONNECTOR. M/U BAKER BHA: 2.88" DUAL FLAPPER BACK PRESSURE VALVE 2.88" GLOBAL JARS 2.88" TJ DISCONNECT 2.88" TEMPRESS SCREEN 2.88" TEMPRESS HYDRO PULL SF / HI 2.88" XTREME MOTOR 3.63" BUTTERFLY OPTI-CUT MILL PULL TEST ON CONNECTOR TO 30K. PRESSURE TEST BHA TO 1,500 PSIG. FUNCTION TEST MOTOR: 2.7 BPM @ 1,800 PSIG. CHANGE OUT STRIPPING RUBBER. PRESSURE TEST LUBRICATOR AND PLUG CATCHER TO 8,500 PSIG. HELD OK BLED DOWN TO ZERO. RIH. |
| 20:44 - 00:00 | 3.27 | DRLOUT | 32 P - COILED TUBING | P - TRIPPING | RIH WITH BAKER BHA. |
| 21:44 - 21:44 | 0.00 | DRLOUT | 32 P - COILED TUBING | F - DRILL OUT | DRILLED OUT (2) COPPERHEAD PLUGS. DRILLED ADDITIONAL BOSS HOG PLUGS #3 THROUGH #6. SENT GEL SWEEPS AFTER EACH PLUG. INCREASED FLOWRATE INCREMENTALLY AFTER DRILLING EACH BOSS HOG PLUG. TAGGED #7. ONCE 10/10/10 GEL SWEEP EXIT END OF COIL. SHORT TRIP TO LINER TOP @ 10,993' DETAILED REPORT AS FOLLOWS: 1ST PLUG @ 11,934 CTM 11,253' WLM PUMP RATE - 2.5 BPM. FLOW RATE - 2.5 BPM CTP - 5,500 PSIG. WH - 53400 PSIG DRILL TIME - 59 MIN SENT 10 BBL GEL SWEEP 2ND PLUG @ 12,132 CTM 11,293' WLM PUMP RATE - 2.5 BPM. FLOW RATE - 2.5 BPM CTP - 5,500 PSIG. WH - 5,300 PSIG DRILL TIME - 61 MIN SENT 10 BBL GEL SWEEP 3RD PLUG @ 12,232 CTM 12,249' WLM PUMP RATE - 2.5 BPM. FLOW RATE - 2.5 BPM CTP - 5,700 PSIG. WH - 4,100 PSIG DRILL TIME - 28 MIN SENT 10 BBL GEL SWEEP 4TH PLUG @ 12,433' CTM 12,449' WLM PUMP RATE - 2.5 MIN. FLOW RATE - 2.7 BPM CTP - 5,300 PSIG. WH - 4,200 PSIG DRILL TIME - 18 MIN SENT 10 BBL GEL SWEEP 5TH PLUG @ 12,631' CTM 12,649' WLM PUMP RATE - 2.5 MIN. FLOW RATE - 3.1 BPM CTP - 5,400 PSIG. WH - 4,170 PSIG DRILL TIME - 37 MIN SENT 10 BBL GEL SWEEP 6TH PLUG @ 12,831' CTM 12,849' WLM PUMP RATE - 2.7 MIN. FLOW RATE - 3.6 BPM CTP - 5,400 PSIG. WH - 4,000 PSIG DRILL TIME - 14 MIN SENT 10/10/10 BBL GEL INCREASED RATE TO 4.2 BPM TAGGED #7 @ 13,030 HRS. SHORT TRIP TO LINER TOP. |