

DAILY DRILLING REPORT

Langlie Mattix Queen

Unit #31

LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31 (Formerly: Citgo's Dabbs #1),
Langlie-Mattix Fld, Lea Co, NM. OBJECTIVE: Drill deeper, run liner, perforate,
stimulate and convert to WIW. AFE 9419 - Mobil Intr .7360% - Est Cost to
Mobil \$11,400.

10/9/69 3361 TD.

Smith Construction Co level loc, build ramp for unit, Permian Anchor Co inst'l
unit anchors.

10/10 LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
No rpt.

10/13 LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/14 LANGLIE MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/15 LANGLIE MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/16 LANGLIE MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/17 LANGLIE MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/20 LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/21 LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/22 LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/23 LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/24 LANGLIE-MATTIX QUEEN UNIT #16-1, 3361 TD.
Prep to DD.

10/27 LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/28 LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/29 LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/30 LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

10/31 LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
Prep to DD.

- LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
 11/3 MIRU West Texas Well Serv DD unit and Kermit Rental Tool equipment, prep DD.
- LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3361 TD.
 11/4 P 100 BSW down csg, remove master valve, inst'l BOP, ran 5-3/4 bit on 16 - 3-1/8 DC's and 2-7/8 tbg to 3216, RU rev unit, attempted to circ hole w/ 280 bbls 9.5# SW containing 2# guar gum/bbl + 280 bbls 9.5# SW, failed to circ, pulled tbg to 2200. SD for nite.
- LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31
 11/5 3243 drlg lm, 5-3/4" hole, old TD wrong or new hole side tracked, drlg w/ 8.5# wtr containing 2 gals guar gum/bbl of wtr, have approx 90% circ.
- LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31
 11/6 3305 CO old hole w/ 5-3/4" bit w/ fr wtr - 95% circ.
- LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31
 11/7 3342 drlg lm, 5-3/4" hole w/ fr wtr.
- LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31
 11/8 3404 drlg lm, 5-3/4" hole. W/ Fr Wtr.
- 11/10 3476 TD lm, 5-3/4" hole. W/ Fr Wtr.
 Finish hole @ 7:30 p.m. 11/9/69, circ 2 hrs, POH, Worth Well ran GR-N log from 2000 to 2476, now running Caliper, prep to run 4 1/2" liner.
- LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3476 TD.
 11/11 WOC 4 1/2" liner, Worth Well ran Caliper from 2400 to 3476, ran bit to bottom, circ 1 hr, POH, LD 16 - 3 1/2" DC's, ran 38 jts 1164' 4 1/2" 10.50# J-55 LT&C liner hung w/ BOT type C hanger, top of liner @ 2311, cemented on bottom by Howco w/ 200x Class C cement containing 5# gilsonite + 1/4# flocele/x, PD 6:45 p.m. 11/10/69, POH w/ tbg and liner setting tool, ran 5-3/4 bit on 6 - 4 1/4" DC's and 2-7/8 tbg, tag top of cement @ 1931, now drlg cement @ 2170.
- LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3476 TD.
 11/12 Drill cement from 2170 to 2311, top of 4 1/2" liner, circ hole clean, POH, LD 6 - 4 1/4" DC's, ran 3-7/8 bit on 3 - 3-1/8 DC and 2-3/8 and 2-7/8 tbg to 2311, drill 7' of cement 2311-2318, ran bit to 3471, circ hole clean, pulled bit to 2000. SD for nite.
- LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3476 TD.
 11/13 Finish POH, Worth Well ran GR-Collar-Corr log from 2950 to 3471, then perf 4 1/2" liner in Queen @ 3158-66, 68-72, 75, 76, 3180-3204, 3231-33, 3243-50, 3255-58, 3272-75, 3282-87, 3288-90, 3337-40, 3367-68, 3372-74, 3393-99, and 3414 & 3415 w/ 1 JSPPF, total 75 holes, ran 2-3/8 tbg OE to 3417, spotted enzyme over perfs, pull tbg to 3111, SD @ 4:00 p.m. 11/12/69.
- LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3476 TD, Queen (3158-3415).
 11/14 Ran tbg to 3473, spotted 10 bbls of coustic on bottom, pull tbg to 2950, SD 2 hrs, then displ coustic into form 1 BPM @ 100#, ISIP vac, ran tbg to 3473, spotted 500 gals 15% NE iron stabilized acid on bottom, POH w/ tbg, rerun tbg w/ BOT, 4 1/2" pkr set @ 2382, pump acid into form, flushed w/ 30 bbls TFW, TP 300, rate 5.2 BPM, ISIP vac, then acidized perfs w/ 1000 gals 15% NE iron stabilized acid using 100 RCNB sealers, TTP 600-1000-600, rate 5.0 BPM, ISIP vac, job compl @ 4:00 p.m. 11/13/69, P & LD tbg and pkr, remove BOP, inst'l wellhead. SD for nite.

LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3476 TD.
11/15 NO unit, WO CL tbg.

11/17 WO CL tbg.

LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3476 TD.
11/18 WO CL tbg.

LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3476 TD.
11/19 WO CL tbg.

LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3476 TD.
11/20 WO CL tbg.

LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3476 TD.
11/21 WO CL tbg.

LANGLIE-MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3476 TD.
11/22 MI Clarke SD unit.

11/24/69 Ran Baker PC 4½ type AD-tension pkr on 101 jts 2-3/8 Buttress CL tbg, set
pkr @ 3122 w/ 14,000# tension, install inj head, RD & Rel Clarke Well Serv
unit @ 2:30 p.m. 11/22/69. Compl as WIW.
DROP FROM REPORT until inj starts.

LANGLIE MATTIX QUEEN UNIT #16-1, UNIT WELL #31, 3476 TD.
12/30/69 (Dropped from rpt 11/24/69)
Inj started 12/6/69 - rate 50 BPD - Inj TP-vac. Compl 11/13/69.
FINAL REPORT.