

DAILY DRILLING REPORT

Langlie Mattix Queen Unit #39

LANGLIE MATTIX QUEEN UNIT #39, 900' FSL & 215' FEL Sec 15, T-25-S, R-37-E, Lea Co, NM. OBJECTIVE: Drill and complete development well in Queen @ 3550. AFE 1281 - Mobil Intr .73607 - Est Cost to Mobil \$33,000.

7/7/71 C. A. Nunn Drlg Co MIT.

LANGLIE MATTIX QUEEN UNIT #39
7/8 MIT, prep to RU.

LANGLIE MATTIX QUEEN UNIT #39
7/9 (1) 861 drlg sd & red bed, 11" hole. S. Mud.
¼ @ 328, ¼ @ 596, 1° @ 745, C. A. Nunn Drlg Co spud in
1:00 p.m. 7/8/71.

LANGLIE MATTIX QUEEN UNIT #39
7/10 (2) 1025 ND anhy, 11" hole, 1¼ @ 1025, WOC 8-5/8 csg,
ran 26 jts 1025' 8-5/8 OD 20# csg, cmt on bottom @ 1025
by Howco w/ 300x Class H 8% gel cmt containing ¼# Flocele
+ 2% CaCl + 200x Class H Neat w/ 2% CaCl, PD @ 4:45 p.m.
7/9/71, cmt circ, WOC.

7/11 (3) 2415 drlg anhy & salt, 7-7/8" hole, Br Wtr.
1 @ 1607, 1½ @ 2000, 2½ @ 2359, WOC 18 hrs, test csg 600#/ok.

7/12 (4) 2907 drlg anhy & lm, 7-7/8" hole, 2-3/4 @ 2766, Br Wtr.

LANGLIE MATTIX QUEEN UNIT #39

7/13 (5) 3250 drlg lm, 7-7/8" hole, 2½ @ 2916. Br Wtr.

LANGLIE MATTIX QUEEN UNIT #39

7/14 (6) 3450 TD lm, 7-7/8" hole, 2½ @ 3450. 10.1-34-NC.
Finish hole 1:00 a.m. 7/14/71, circ 1½ hrs, POH, Schl
running OH logs.

LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.

7/15 WOC 5½ csg, Schl finish running OH logs, SNP & GR 0-TD,
ran bit to bottom, lost circ, mixed mud & LCM, regain
circ, circ 1½ hrs, P & LD DP & DC's, ran 105 jts 3450'
5½ 14.0# J-55 ST&C used csg, Howco cmt on bottom w/475x
Class C cmt containing 5# Gilsonite + ¼# Flocele & 8% gel
+ 200x Class C Neat, PD @ 7:00 p.m. 7/14/71, cmt did not
circ, set slips, cut off csg, Rel C. A. Nunn Drlg Co rig
@ 9:00 p.m. 7/14/71.

LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.

7/16 MOT, prep to MI unit to compl.

LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.

7/17 Hold for compl.

7/19 MIRU Clary's Well Serv SD unit, ran 110 jts 2-3/8 EUE 8rd
J-55 tbq OE to 3418, SD for nite.

- 7/20 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
Displ hole w/ 9.0# TSW, spot 500 gals 15% NE acid 3346, POH w/ tbg, Worth Well ran GR-Collar-Corr log 2500-3418, then perf 5½ csg in the Penrose @ 3326-3346 w/ 1 JSPF, total 20 holes, ran 2-3/8 tbg, OP to 2500, displ acid into form, BDTP 100, TTP 250, AIR 1.0 BPM, ISIP 75, 12 min on vac, job compl @ 1:20 p.m. 7/19/71, finish running tbg to 3390, T. Perfs 3357-60, SN @ 3356, S 100 BLW/5 hrs, 150' FIH, L hr S 3 bbls, S/O 3% oil, SD for nite. - 12 BLW.
- 7/21 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
SI 12 hrs, 450' FIH, S 4 BLW/2 hrs, 150' FIH, L hr S 2 bbls, S/O tr of oil & sh of gas, ran 2" x 1½" x 16' pump on 67 - 3/4 and 65 - 7/8 rods, 1 - 4' & 2' x 7/8 sub, spaced out, clamped off, RD, Rel unit & Rel well to Prod @ 3:00 p.m. 7/20/71. - 8 BLW.
- 7/22 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
Set PU and connect up (Penrose)
P 7 BNO + 8 BLW/12 hrs, 2x1½x16 pump, 13 - 74" SPM.
All Load Rec.
- 7/23 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 20 BNO + 1 BSW/24 hrs.
- 7/26 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 21 BNO + 6 BSW/72 hrs, pumping off.
- 7/27 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 6 BNO + 2 BSW/24 hrs.
- 7/28 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 5 BNO + 2 BSW/24 hrs.
- 7/29 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 6 BNO + 2 BSW/24 hrs.
- 7/30 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 5 BNO + 2 BSW/24 hrs.
- 7/30 MIRU Clarke Well Serv SD unit, POH w/ rods, pump & tbg, ran Baker 5½ ret BP on 2-3/8 tbg, set @ 3304, spot 500 gals 15% NE acid, POH, Worth Well perf 5½ csg in the Queen @ 3243-51; 3253-61 & 3266-3283 w/ 1 JSPF, total 36 holes, ran ret head on 2-3/8 tbg 2300' displ acid into perfs w/ 25 BW, TP 400-0, AIR 2.5 BPM, ISIP vac, job compl @ 6:55 p.m. 7/29/71, ret BP, POH w/ tbg & plug, SD for nite. - 91 BLW.
- 7/31 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
Ran 2-3/8 tbg, OP to 3392, T. Perfs 3359-62, SN @ 3358, Magfhey Taylor hydraulic TA @ 3232-34, total 108 jts EUE 8rd J-55 tbg, ran 2" x 1½" x 16' pump on 67 - 3/4 & 65 - 7/8 rods, hung on pump, RD, Rel unit & Rel to Prod @ 9:00 a.m. 7/30/71. - 91 BLW.
- 8/2 P 28 BNO + 32 BLW/36 hrs, 50' FIH, elec off 12 hrs. - 59 BLW.

8/3 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 9 BNO + 8 BLW/24 hrs. - 51 BLW.

8/4 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 10 BNO + 6 BLW/24 hrs. - 45 BLW.

8/5 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 12 BNO + 0 BLW/24 hrs. - 45 BLW.

8/6 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
No test, WO frac job, Return to Drlg Foreman.

8/9 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
No Rpt.

8/10 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
No rpt.

8/11 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
No rpt.

8/12 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
No rpt.

8/13 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
No rpt.

8/16 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
No rpt.

8/17 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
No rpt.

8/18 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
Prep to SOF.

8/19 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
MIRU Clary's Well Serv unit, POH w/ rods, pump & tbg,
Howco SOF Queen perfs 3243-3346 down 5½ csg w/ 7500 gals
Shell ref oil + 22,500# 20/40 Ottawa sd using 2 gals/1000
gals Treat-O-Lite F-46, used 41 RCNB sealers, TCP 2700,
AIR 15.0 BPM (gd ball action), ISIP 900, 5 min 550, job
compl 1:00 p.m. 8/18/71, SI & SD.

8/20 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
SI 19 hrs, CP vac, ran 3½ SP, CO 3408-3418/4 hrs, ran
2-3/8 tbg, OP to 3392, T. Perfs 3359-62, SN 3358, 108
jts 2-3/8 EUE 3rd tbg, ran 2" x 1½ x 12 pump on 70 - 3/4
& 64 - 7/8 rods, hung on pump, RD, Rel unit & Rel to Prod
@ 3:00 p.m. 8/19/71. - 265 BLO.

8/23 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 64 BLO + 10 BLW/72 hrs, fr sh of gas. - 201 BLO + 35 BLW.

8/24 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 20 BLO + 0 BLW/24 hrs, pumping off. - 181 BLO + 35 BLW.

8/25 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 16 BLO + 0 BLW/24 hrs. - 165 BLO + 35 BLW.

8/26 LANGLIE MATTIX QUEEN UNIT #39, 3450 TD.
P 19 BLO + 0 BLW/24 hrs, gd sh of gas. - 146 BLO + 35 BLW.

8/27	LANGLIE MATTIX QUEEN UNIT #39, 3450 TD. P 16 BLO + 0 BLW/24 hrs, 480 MCFGPD.	- 130 BLO + 35 BLW.
8/30	LANGLIE MATTIX QUEEN UNIT #39, 3450 TD. P 49 BLO + 2 BLW/72 hrs.	- 81 BLO + 33 BLW.
8/31	LANGLIE MATTIX QUEEN UNIT #39, 3450 TD P 15 BLO+ 0 BLW/ 24 hrs.	-66 BLO + 33 BLW.
9/1	LANGLIE MATTIX QUEEN UNIT #39, 3450 TD. P 16 BLO + 1 BLW/24 hrs.	- 50 BLO + 32 BLW.
9/2	LANGLIE MATTIX QUEEN UNIT #39, 3450 TD. P 18 BLO + 1 BLW/24 hrs.	- 32 BLO + 31 BLW.
9/3	LANGLIE MATTIX QUEEN UNIT #39, 3450 TD P 18 BLO + 1 BLW/ 24 hrs.	-14 BLO + 30 BLW.
9/4	LANGLIE MATTIX QUEEN UNIT #39, 3450 TD P 14 BLO + 5 BNO + 1 BLW/ 24 hrs.	-29 BLW.
9/5/71 POTENTIAL	NMOCC POT TEST: P 18 BNO + 1 BLW/ 24 hr, Gr 36.4 @ 60°F, allow waterflood exempt, @ 74 SPM, compl 7/30/71. <u>FINAL REPORT.</u>	GOR:20,842/1, 2 x 1½ x 12 pump -28 BLW.