

DAILY DRILLING REPORT

Langlie Mattix Queen Unit #15

LANGLIE MATTIX QUEEN UNIT #15

1980' FNL & 1730' FWL Sec. 15, T-25-S, R-37-E, Lea County, New Mexico,
 OBJECTIVE: Drill and complete WIW in Queen zone; AFE #9291; Mobil
 Interest .7360%; Estimated cost to Mobil \$ 28,000.

10/15 C. A. Nunn Drilling Co. MIT, prep to raise derrick this A.M. & spud.

LANGLIE MATTIX QUEEN UNIT #15

10/16 (1) 730 drlg anhy, 12½" hole, ½° @ 240, ½° @ 432, ¾° 650. S mud
 C. A. Nunn Drilling Co. spud in @ 11:30 a.m., 10-15-69.

LANGLIE MATTIX QUEEN UNIT #15

10/17 (2) 1025 ND, WOC 8-5/8" csg, ran 8-5/8" 20# MU ST&C csg, cemented on bottom
 @ 1025 by Howco w/500x Class H8% gel cement containing ½# flocele/x + 200x
 Class H cement, all cement contained 2% CaCl, plug down @ 12:00 mid-nite
 10-16-69, cement circ, WOC.

LANGLIE-MATTIX QUEEN UNIT #1-5, UNIT WELL #15

10/18 (3) 1875 drlg anhy & salt, 7-7/8" hole, ½ @ 1210, ¾ @ 1505, 1° @ 1725. Br wtr.
 WOC total 19 hrs, tested csg & BOP's w/ 1000#/30 min/ok.

10/20 (5) 3132 drlg dolo & sd, 7-7/8" hole, 1-¾ @ 2207, 2° @ 2520, 2-¾ @ 2892,
 ¾ @ 3080. Br Wtr.

LANGLIE-MATTIX QUEEN UNIT #1-5, UNIT WELL #15

10/21 (6) 3437 drlg dolo & sd, 7-7/8" hole, 3° @ 3200. Br Wtr, 9.7#.

LANGLIE-MATTIX QUEEN UNIT #1-5, UNIT WELL #15

10/22 (7) 3605 drlg dolo & lm, 7-7/8" hole, 2½ @ 3437. 10.1-30-3% oil.

LANGLIE-MATTIX QUEEN UNIT #1-5, UNIT WELL #15

10/23 (8) 3700 TD lm, 7-7/8" hole, 2½ @ 3700. 10.1-33-3% oil.
 Finish hole @ 2:00 p.m. 10/22/69, circ 2 hrs, POH, Schl ran GR-N-Caliper
 logs from 1025-3700/4 hrs, ran bit to bottom, circ 1 hr, P & LD DP & DC's,
 now running 5½ csg 50 jts in hole.

LANGLIE-MATTIX QUEEN UNIT #1-5, UNIT WELL #15, 3700 TD.

10/24 WOC 5½ csg, finish running 5½ csg 3700' 116 jts, 30 jts 5½ 15.50 J55 LT&C +
 86 jts 5½ J55 ST&C csg, cement on bottom by BJ Serv w/ 760x Class C 6% gel
 + 100x Class C Neat, all cement contained ½# flocele, PD @ 9:00 a.m. 10/23/69,
 lost circ pumping plug down cement, did not cir, WOC 6 hrs, Worth Well ran Temp
 Survey to 3657, top of cement @ 1525, BJ Serv cemented down 8-5/8 surf csg w/ 365x
 Class H cement, CP 700, 5½" csg press 1800, job compl @ 5:30 p.m. 10/23/69,
 NU 5½ csg, rel C. A. Nunn Drlg Co rig @ 11:00 p.m. Will MOR soon as possible.

LANGLIE-MATTIX QUEEN UNIT #1-5, UNIT WELL #15, 3700 TD.

10/28 MIRU West Texas Well Serv SD unit, Worth Well ran GR-Collar-Corr log from
 2000-3643, then perf 5½ csg in the Queen form @ 3419-27; 3430-34; 3445-54;
 3503-08; 3524-26; 3534-36; 3544-46; 3578-80; 3602-04; 3621-23 & 3640-3642 w/
 1 JSPF, total of 51 holes, Chemical Engr Co broke perfs down w/ 20 BSW,
 CP 2000-800, rate 6.0 BPM, then acidized perfs down 5½ csg w/ 1000 gals 15%
 NE acid using 51 RCNB sealers, TCP 2500-1900-3000-4000-3000, rate 3.0 BPM (gd
 ball action), ISIP 800, 10 min on vac, job compl @ 1:35 p.m. 10/27/69, LD
 derrick, prep to run CL tbg this a.m.

LANGLIE-MATTIX QUEEN UNIT #1-5, UNIT WELL #15, 3700 TD.
10/25 MOT.

10/27 Prep to perf & compl.

LANGLIE-MATTIX QUEEN UNIT #1-5, UNIT WELL #15, 3700 TD, 3643 PBTD, Queen (3419-3642).
10/29/69 Ran plastic coated $5\frac{1}{2}$ Baker type AD-1 tension pkr on 111 jts 2-3/8 EUE 8rd
CL tbg, set pkr @ 3342 w/ 12,000# T, csg loaded w/ TSW, inst'l inj head, RD &
Rel West Texas Well Serv SD unit @ 12:00 noon 10/28/69, compl as WIW.
DROP FROM REPORT until inj starts.

LANGLIE MATTIX QUEEN UNIT #1-5, UNIT WELL #15, 3700 TD. 3643 PBTD.
12/30/69 (Dropped from rpt 10/29/69)
Inj started 12/5/69 - rate 600 BPD - Inj TP Vac. Compl 10/27/69.
FINAL REPORT.