

DAILY DRILLING REPORT

Langlie-Mattix Queen Unit #14 WIW

LANGLIE-MATTIX QUEEN UNIT #14 WIW, 870' FNL & 1270' FWL Sec 14, T-25-S, R-37-E, Lea Co, NM. OBJECTIVE: Drill and comple WIW in Queen zone. AFE 0229 - Mobil Intr .7348780% - Est Cost to Mobil \$28,000.

3/16/70 Loc & road compl, prep to MIR.

LANGLIE-MATTIX QUEEN UNIT #14 WIW

3/17 MIT, C. A. Nunn Drlg Co.

LANGLIE-MATTIX QUEEN UNIT #14 WIW

3/18 (1) 700 drlg sd & red bed, 12½" hole. S. Mud.
¼ @ 216, ¾ @ 510. C. A. Nunn Drlg Co spud in @ 2:00 p.m.
3/17/70.

LANGLIE-MATTIX QUEEN UNIT #14 WIW

3/19 (2) 1056 ND anhy, WOC 8-5/8" csg, 1° @ 812; 1½ @ 1056.
Ran 31 jts 1056 8-5/8 20# MU-46 8rd ST&C csg, cemented on bottom by Howco w/ 500x Class H 8% gel + 200x Class H Neat cement, all cement contained ¼# flocele + 2% CaCl, PD @ 8:15 p.m. 3/18/70, cement circ, prep to drill 7-7/8" hole.

LANGLIE MATTIX QUEEN UNIT #14 WIW

3/20 (3) 1970 drlg anhy, gyp & salt, 7-7/8" hole. Br Wtr.
1½ @ 1333, 1-3/4 @ 1630, 2½ @ 1910. WOC total 19 hrs, test 8-5/8 csg & BOP w/ 1000#/ok.

LANGLIE-MATTIX QUEEN UNIT #14 WIW

3/21 (4) 2680 drlg lm, 7-7/8" hole, 2-3/4 @ 2320, 2-3/4 @ 2615. Br Wtr.

3/22 (5) 2970 drlg lm, 7-7/8" hole, 3° @ 2755. Br Wtr.

3/23 (6) 3290 drlg lm, 7-7/8" hole, 2½ @ 3048. Br Wtr.

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3/24 (7) 3470 drlg lm, 7-7/8" hole, 2½ @ 3332. Br Wtr.

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3/25 (8) 3480 TD, lm, 7-7/8" hole, WOC, 4-1/2" csg, finish hole @ 7:00 a.m. 3/24/70, circ 1 hr, POH, Welex ran GR-N-Caliper logs 0-3467/5 hrs, ran bit to bottom, circ 1 hr, P & LD DP & DC's, ran 4-1/2 & 4-3/4 csg to 3480, bottom up, guide shoe @ 3480, FC @ 3477, 1 jt 4-1/2 9.50# csg 3477-3448, 48 jts 4-3/4 16.0# J-55 LT&C csg 3448-1935, 60 jts 4-1/2 9.50# J-55 ST&C csg 1935-0, Howco cemented csg on bottom w/ 750x Class C cement 8% gel containing 3# gelsonite + 1/4# flocele/x + 150x Class C Neat, PD @ 1:15 a.m. 3/25/70, cement did not circ, WOC 4 hrs, Worth Well ran temp survey top of cement @ 310, prep to NU & rel rig.

LANGLIE-MATTIX QUEEN UNIT #14 WIW, 3480 TD.

3/26 NU 4½ csg, rel C. A. Nunn Drlg Co rig @ 11:00 a.m. 3/25/70, prep to MOT.

LANGLIE MATTIX QUEEN UNIT #14 WIW, 3480 TD

3/38 SD, prep to MOT

3/30 SD, prep to MOT

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LANGLIE-MATTIX QUEEN UNIT #14 WIW, 3480 TD
3/31 MORT, prep to complete

LANGLIE-MATTIX QUEEN UNIT #14 WIW, 3480 TD.

4/1 MIRU Clarke Well Serv SD unit, Worth Well ran GR-Collar-Corr log from 3000-3452, then perf 4-3/4 csg in Queen form @ 3120; 27; 32; 38; 43; 48; 50; 54; 60; 64; 68; 70; 73; 75; 79; 88; 91; 99; 3203; 09; 12; 17; 19; 23; 26; 29; 31; 64; 76; 79; 87; 97; 99; 3308; 11; 25; 27; 41; 43; 45; 49; 52; 65; 70; 72; 93; 98; & 3416 w/ 1 JSPF, total of 48 holes, SD for nite, prep to acidize.

LANGLIE-MATTIX QUEEN UNIT #14 WIW, 3480 TD.

4/2 Cardinal Chem Co acidize Queen perfs down 4½ & 4-3/4 csg w/ 2500 gals 15% NE acid using 28 RCNB sealers, BDCP 2900, TCP 800, AIR 12.0 BPM, flush w/ 60 BTSW, ISIP 400, 1 min on vac, SI 5 min, then pump 50 BTSW 15.0 BPM @ 700, ISIP 400, ½ min on vac, job compl @ 9:30 a.m. 4/1/70, ran 4½ Baker PC tension pkr 98 jts 2-3/8 EUE 8rd J-55 CL tbg, set pkr @ 3028 w/ 12,000# T, inst'l inj head, RD & Rel unit @ 11:00 a.m., Rel to Prod ready for inj.

LANGLIE- MATTIX QUEEN UNIT #14 WIW, 3480 TD.

4/3/70 Start wtr inj 4/2/70 - rate 1500 BPD @ 3:30 p.m., TP - vac.
Compl 4/1/70.
FINAL REPORT.

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HOUSTON, N. H.**