

DAILY DRILLING REPORT

Langlie Mattix Queen Unit #37

LANGLIE MATTIX QUEEN UNIT #37, 2000' PSL & 2000' PSL Sec 15, T-25-S, R-37-E, Lea Co, NM. OBJECTIVE: Drill and complete development in Queen @ 3550. AFE 1279 - Mobil Intr 73.607% - Est Cost to Mobil \$33,000.

5/23/71 C. A. Nunn Drlg Co MI & RUT.

5/24 (1) 825 drlg red bed & anhy, 11" hole. S. Mud.
 $\frac{1}{4}$ @ 276; $\frac{1}{2}$ @ 471; $\frac{1}{2}$ @ 640, C. A. Nunn Drlg Co spud in
 2:30 p.m. 5/23/71.

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5/25 (2) 1021 ND anhy, WOC 8-5/8 csg, ran 26 jts 1021' 8-5/8 OD 20.0# L. D. Foster csg, cemented on bottom by Howco w/ 300x Incor 8% gel + 200x Incor Neat cement, all cement contained 2% CaCl + $\frac{1}{4}$ # Flocele/x, PD @ 8:45 p.m. 5/24/71, cement circ, WOC.

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5/26 (3) 2528 drlg anhy & salt, $\frac{1}{2}$ @ 1312, Br Wtr.
 $1\frac{1}{4}$ @ 1904, 2^o @ 2528, WOC total 18 hrs, test csg & BOP 1000#/ok.

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5/27 (4) 2957 drlg lm, 7-7/8" hole, 2 $\frac{1}{2}$ @ 2729. Br Wtr.

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5/28 (5) 3262 drlg lm, 7-7/8" hole, 2^o @ 3199. Br Wtr & Oil.

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5/29 (6) 3486 drlg lm, 7-7/8" hole, 2 $\frac{1}{2}$ @ 3381. 10.0-34-NC, 4% oil.

5/30 (7) 3550 TD lm, 7-7/8" hole, running 5 $\frac{1}{2}$ csg, finish hole @ 4:30 p.m. 5/29/71, circ 1 $\frac{1}{2}$ hrs, POH, Schl ran SWN, Porosity & GR logs to 3553, ran Lateralog 1021-3553/4 $\frac{1}{2}$ hrs, ran bit to bottom, circ 1 $\frac{1}{2}$ hrs, P & LD DP & DC's, now running csg.

5/31 3550 TD, WOC 5 $\frac{1}{2}$ csg, ran 100 jts 3550' 5 $\frac{1}{2}$ 14.0# J-55 ST&C csg cemented on bottom by Howco w/ 475x Class C Neat cement containing 5# Gilsonite + $\frac{1}{4}$ # Flocele/x + 200x Class C Neat, PD @ 10:45 a.m. 5/30/71, cement circ, set slips, cut off csg, Rel C. A. Nunn Drlg Co rig @ 4:00 p.m. 5/30/71.

6/1 3550 TD, WOC 5 $\frac{1}{2}$ csg, prep to MOT, MI unit to compl.

LANGLIE MATTIX QUEEN UNIT #37, 3550 TD.

6/2 MOT, MIRU Clary's Well Serv SD unit, inst'l BOP, ran 111 jts 2-3/8 EUE 8rd J-55 tbg OE to 3522 PBTD, SD for nite, prep to run Corr log & perf.

LANGLIE MATTIX QUEEN UNIT #37, 3550 TD.

6/3 Test csg 3000#/ok, spot 500 gals 15% NE acid on bottom, POH, McCullough Tool Co ran GR-Collar-Corr log 2500-3522 PBTD, then perf 5 $\frac{1}{2}$ csg 3485-3504 w/ 1 JSPPF, total 19 holes, ran Baker pkr on 2-3/8 tbg, set @ 3425, rev acid out of csg into tbg, then displ acid into form, BDTP 1250, TTP 800, AIR 3.0 BPM, ISTP 400, 10 min 150, S 12 BLEW + 12 BAW + 2 BFW/6 hrs, 150' FIH, NS gas or oil, SD for nite.

RECEIVED

AUG 1 1971

OIL CONSERVATION COMM.
HOBBS, N. M.