

DAILY DRILLING REPORT

Langlie Mattix Queen Unit #35

LANGLIE MATTIX QUEEN UNIT #35, Langlie Mattix Queen Fld, Lea Co, NM. OBJECTIVE: Squeeze thief zone, perf & stimulate main Queen zone. AFE 1589 - Mobil Intr .73607 - Est Cost to Mobil \$7000.

- 9/12/71 3425 TD, perfs (3108-3200), OH (3240-3425).
MIRU WACO Wire Line Serv, ran logging tools to 3332, tools stop, RD WACO, MIRU Clark Well Serv unit, pull CL tbg, ran 3½ SP & CO 3332-3395, made no hole, last 3½ hrs, ran pkr w/ one jt tbg for inj - prep to run tracer logs.
- 9/13 3425 TD.
WACO ran GF-Collar-Corr log, base temp log & Caliper log 3000-3421, tracer log indicated no fluid going in perfs @ 3108-3200, 70% fluid going in OH 3240-70, 20% 3290-3310 & 10% 3320-3350, no indication of channeling @ csg shoe, SD for nite.
- 9/15 LANGLIE MATTIX QUEEN UNIT #35, 3425 TD.
Ran 2-3/8 tbg OE to 3280, SD for nite, prep to pump injectral-L.
- 9/16 LANGLIE MATTIX QUEEN UNIT #35, 3425 TD.
MIRU Howco & Waco Wire Line Co, tag bottom tbg @ 3340, Howco pumped 100 bbls injectral-L down tbg 2 to 1 BPM @ 100# psi, pumped wtr down csg annulus 6-8 BPM @ 400 psi injectral flowed back to zone @ 3240-70, held interface @ 3280-85 by pumping down annulus, SI 2 hrs, then Howco pumped 50 bbls injectral-L down tbg and held interface @ 3280-3285 by pumping down annulus, SI & SD, setting time on injectral-L is 5½ hrs, job compl @ 8:30 p.m. 9/15/71, will leave SI 36 hrs.
- 9/17 LANGLIE MATTIX QUEEN UNIT #35, 3425 TD.
Rel pkr, POH w/ tbg & pkr, SD for nite.
- 9/18 LANGLIE MATTIX QUEEN UNIT #35, 3425 TD.
Ran 3½ bailer, CO 3296-3417/6 hrs, then Howco PB from 3417-3367 w/ 10x frac sd, SD for nite.
- 9/19 PB 3367-3325/42' using 36x of frac sd, SD for nite.
- 9/20 PB 3325-3299 w/ 17x of frac sd, then PB 3299-3285 w/ 51 gals of hydromite, SD for nite.
- 9/21 LANGLIE MATTIX QUEEN UNIT #35, 3425 TD.
McCullough Tool Co perf 6" csg 3190-3208 w/ 1 JSPF, total 18 holes, ran Baker 6" ret BP & pkr on 2-3/8 tbg, set BP @ 3220, set pkr @ 3040, Knox Serv Co acidized perfs 3108-3208, 65 holes w/ 1000 gals 15% NE iron stabilized acid using 65 RCNB sealers flushed w/ 18 bbls & overflushed w/ 54 bbls TFW, treated w/ 2 gals/1000 gals Adanal, TTP 200-1000, AIR 5.6 BPM, ISIP zero, vac 2 min, load tbg, pumped 54 bbls wtr 3.5 BPM, TP 200-0, job compl @ 10:30 a.m. 9/20/71, ret BP, P & LD tbg, pkr & BP, ran Baker PC 6" tension pkr on 98 jts 2-3/8 CL tbg, loaded csg w/ TFW, set pkr @ 3068 w/ 10,000# T, inst'l inj head, RD & Rel unit & Rel to Prod @ 6:30 p.m. 9/20/71.

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SEP 20 1971

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HOBBS, N. M.