

DAILY DRILLING REPORT

Langlie Mattix Queen
Unit Well #27

LANGLIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27 (Formerly: Pan American Langlie "B" Well #3), Langlie-Mattix Fld, Lea Co, NM. OBJECTIVE: Drill deeper, stimulate and convert to WIW. AFE 9419 - Mobil Intr .7360% - Est Cost to Mobil \$4800.

10/9/69 3375 TD.

MIRU Clarke Well Serv SD unit, prep to pull rods and tbg.

LANGLIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27

10/10 3375 TD, pumped 75 bbls fr wtr down tbg & 75 bbls down csg, work stuck pkr 4 hrs, work loose, POH & LD 110 jts 2-7/8 10V thread tbg 5 1/2 Guib form pkr, T. Perfs & 4 jts 2-7/8 mud anchor, SI & RD Clarke Well Serv unit @ 6:00 p.m. 10/9/69.

LANGLIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27, 3375 TD.

10/13 Prep to DD.

LANGLIE MATTIX QUEEN UNIT #1-3, UNIT WELL #27, 3375 TD.

10/14 Prep to DD.

LANGLIE MATTIX QUEEN UNIT #1-3, UNIT WELL #27, 3375 TD.

10/15 Prep to DD.

LANGLIE MATTIX QUEEN UNIT #1-3, UNIT WELL #27, 3375 TD.

10/16 Prep to DD.

LANGLIE MATTIX QUEEN UNIT #1-3, UNIT WELL #27, 3375 TD.

10/17 Prep to MI cable tools & DD

LANGLIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27, 3375 TD.

10/18 MIRU Jake Miller Cable Tool rig, strung up tools, CO 3345-60 in 16 hrs w/ 4-3/4 bit, rec junk.

10/20 3377 drlg 1m, 4-3/4" hole w/ cable tools, CO 3360-3375 in 46 hrs, rec junk & cavings.

LANGLIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27

10/21 3385 drlg 1m, 4-3/4" hole w/ cable tools.

LANGLIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27

10/22 3405 drlg 1m, 4-3/4" hole w/ cable tools.

LANGLIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27

10/23 3420 drlg 1m, 4-3/4" hole w/ cable tools.

LANGLIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27

10/24 3428 ND 1m, 4-3/4" hole, tools stuck @ 3265 past 10 hrs, jarring on stuck tools.

LANGLIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27

10/25 3428 ND 1m, 4-3/4" hole, fishing past 24 hrs on stuck bit, jarred on bit 4 hrs, cut line, left 20' of line on tools, ran center spear, caught line, now jarring on tools w/ bit @ 2971.

10/27 3428 ND 1m, 4-3/4" hole, fishing past 48 hrs for stuck tools and drlg line, rec 15' of 1" drlg line, drove tools down to 3265, cont to fish.

- 10/28 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND lm, 4-3/4" hole, fishing past 24 hrs, rec 35' of 1" drlg line, now jarring on fish w/ spear, top of tools @ 3140, bit @ 3188.
- 10/29 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND fishing past 24 hrs, fished and rec approx 15' of balled up 1" drlg line, fishing w/ center spear @ 3145.
- 10/30 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND lm, fishing past 24 hrs, rec cavings and sm pieces of wire line, top of fish @ 3160.
- 10/31 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND lm, fishing past 24 hrs, rec wire and cavings @ 3165.
- 11/1 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND lm, fishing past 24 hrs, rec wire & caving, CO 3165 to 3180.
- 11/3 3428 ND lm, cont to fish, bailed out caving and wire from 3180 to 3190, then ran 4-3/4 Star bit drld caving and junk from 3190-3205, now bailing caving and wire @ 3205, prep to run Star bit.
- 11/4 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND lm, cont to fish, top of fish @ 3210, ran blind box, failed to catch fish, bailed wire and cavings off fish, prep to run friction socket.
- 11/5 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND lm, cont to fish past 24 hrs, top of fish 3210, ran friction socket, unable to catch fish, ran 4-3/4 x 2-3/4 mill, milled over top of fish, 1' in 6 hrs, rerun friction socket, failed to catch fish, ran mill, prep to mill fishing neck on tools.
- 11/6 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND lm, cont to fish past 24 hrs, top of fish 3210, ran 4-3/4 x 2-3/4 mill, milled over top of fish 4 hrs, pull mill, ran imp blk, indicated fishing neck on tools, ran 4-3/4 x 2 1/2 friction socket, failed to catch fish, ran 4-3/4 x 2-3/4 mill and milled 4 1/2 hrs, pull mill, prep to rerun 4-3/4 x 2-3/4 friction socket.
- 11/7 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND fishing past 24 hrs, ran 4-3/4 x 2-3/4 friction socket to 3210, caught fish, jarred on fish past 22 hrs, move fish 5', cont to jar on fish.
- 11/8 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND fishing past 24 hrs, jarred fish up hole 15' 1/3 hrs, drove fish back 3' socket released from fish, POH w/ socket, ran 4-3/4 blind box, drove fish down 4', ran 4-3/4 x 2-3/4 friction socket, caught fish, jarred fish up 6' 1/3 hrs, socket rel from fish, strung down cable tools, prep to MO cable tools, top of fish @ 3194.
- 11/10 3428 ND, Rel Jake Miller cable tool rig @ 12:00 noon 11/8/69, MOT, MI work string of tbgs. WO unit.
- 11/11 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND, WO unit.
- 11/12 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND, WO unit.

- 11/13 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27.
3428 ND, WO unit.
- 11/14 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND, prep to MI unit.
- 11/15 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27
3428 ND, MIRU West Texas Well Serv DD unit, ran 4-1/8 Bowen overshot w/ 2-3/4 grapple on B. sub, jars, 8 - 3 1/2" DC's and 2-7/8 tbg to 3209, caught fish, jarred 1/2 hr, grapple rel from fish, POH, changed grapple in overshot to 2-5/8, ran DC's in hole. SD for nite.
- 11/17 3451 drlg lm, 4-3/4" hole w/ Br Wtr.
Finish GIH w/ overshot to 3209, caught fish, jarred fish loose in 1 1/2 hrs, POH, LD fish & fishing tools, ran bit to 2900, mixed 1 1/2# guar gum/bbl wtr, established circ, CO fillup from 3234-3428, 194'/3 1/2 hrs.
- 11/18 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27 Br Wtr.
3453 TD lm, 4-3/4" hole.
Finish hole 7:00 a.m. 11/17/69, circ 2 hrs, POH w/ bit, Worth Well ran GR-N-Collar log from 3450-2000, logger's TD 3453, ran bit to bottom, displ hole w/ TFW, spotted 8# enzyme mixed in 5 bbls fr wtr in OH zone, pulled bit to 2900. SD for nite.
- 11/19 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27, 3453 TD.
Ran tbg to 3453, spotted 500# caustic mixed in 10 bbls fresh wtr, pull tbg to 2900, wait 2 hrs, pump caustic into form w/ 40 bbls fresh wtr, ran tbg to 3453, spotted 500 gals 15% NE iron stabilized acid, pulled tbg to 2900, pumped acid into form 1000# 4.7 BPM, flushed w/ 30 bbls and overflushed w/ 120 bbls fresh wtr, ISIP zero, 1 min on vac, P & LD tbg and DC's, inst'l wellhead, RD & Rel West Texas Well DD unit. WO CL tbg.
- 11/20 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27, 3453 TD.
WO CL tbg.
- 11/21 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27, 3453 TD.
WO CL tbg.
- 11/24/69 LANGLEIE-MATTIX QUEEN UNIT #1-3, UNIT WELL #27, 3453 TD.
MIRU Clarke Well Serv SD unit, ran Baker PC 5 1/2 type AD-1 tension pkr on 94 jts 2-3/8 EUE 8rd CL tbg, set pkr @ 2928 w/ 14,000# tension, inst'l inj head, RD & Rel Clarke Well Serv unit @ 12:00 noon 11/23/69. Compl as WIW.
DROP FROM REPORT until inj starts.
- 12/30/69 LANGLEIE MATTIX QUEEN UNIT #1-3, UNIT WELL #27, 3453 TD.
(Dropped from rpt 11/24/69)
Inj started 12/6/69 - rate 400 BPD - Inj TP-vac. Compl 11/18/69.
FINAL REPORT.