

CT

DAILY DRILLING REPORT

Work done under
AFE 1324 & AFE 1613

Langlie Mattix Queen Unit #40

LANGLIE MATTIX QUEEN UNIT #40, Langlie Mattix Fld, Lea Co, NM.
OBJECTIVE: Squeeze Yates and Seven Rivers and recompleate in the Queen pay. AFE 1324 - Mobil Intr .73607 - Est Cost to Mobil \$9600. 3345 TD.

8/3/71 MIRU Clary's Well Serv SD unit, kill well, POH w/ 98 jts 2-3/8 tbg, ran Baker RBP & Fpkr on 101 jts 2-3/8 tbg, set RBP @ 3155 and test to 2000#/ok, test tbg to 5000#/ok, spot 3x sd on RBP, set pkr @ 2780, PI tbg 4 BPM @ 1800#, PI annulus 6 BPM @ 600#, Howco sqz Seven Rivers perfs 2810-3118 (OA) w/ 100x Class H cmt w/ 2% CaCl2 & 1/4# Flocele/x, pumped 70x in form, TP 4000, pull pkr to 2310, attempt to displ cmt in Yates perfs 2697-2755 (OA) down annulus @ 1800#, rev out 4 bbls cmt, set pkr @ 2220, press up to 3200, POH w/ tbg & pkr, top cmt @ 2310, SD for nite.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD.

8/4 Ran 4-3/4 Tungston carbide bit, 4 - 3 1/2 DC's on 2-3/8 tbg to 2590, DO cmt 2590-2763/4 1/2 hrs, test Yates perfs 2697-2755, PI 3/4 BPM @ 1400#, prep to re-sqz, SD for nite.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD.

8/5 POH w/ tbg, DC's and bit, ran Baker pkr on 2-3/8 tbg 2566, Howco PI perfs 2697-2755 2.0 BPM @ 2000#, then sqzd w/ 190x of Class H cmt, TP 3500, rev out 4x, job compl @ 10:45 a.m. 8/4/71, POH w/ tbg & pkr, ran 4-3/4 bit on 4 - 3 1/2 DC's and 2-3/8 tbg to 2200, SD for nite.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD.

8/6 Drill cmt 2566-2763/3 hrs, circ clean, test perfs w/ 800#/ok, then drill cmt 2763-3118/15 hrs, test 800#, lost 500# one min, ran bit to top of sd on BP, POH w/ bit, SD.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD.

8/7 Ran Baker pkr on 2-3/8 tbg 3127, spot sd on BP, reset pkr @ 2775, PI 7 Rivers perfs 2.0 BPM @ 2000#, test Yates perfs w/ 1500#, CP 10 min/ok, Howco sqzd 7 Rivers perfs 2810-3118 w/ 120x Class H cmt, TP 3500, rev out 40x cmt, job compl @ 1:30 p.m. 8/6/71, POH w/ tbg & pkr, ran 4-3/4 bit on 4 - 3 1/2 DC's and 2-3/8 tbg 2200, SD for nite.

8/8 Ran bit to 2785, drld cmt 2785-3078/5 1/2 hrs, test csg 1200#/15 min/ok, circ sd off BP @ 3127, POH w/ bit, ran ret head on tbg, ret BP, POH, ran Baker pkr picker on 4 - 3 1/2 DC's and 40 jts 2-3/8 tbg, SD for nite.

8/9 Finish running pkr picker to 3174, cut over Baker Model D pkr, POH w/ pkr junk, left bottom 6" of pkr in hole, ran 4-3/4 bit on 4 - 3 1/2 DC's and 2-3/8 tbg, CO 3174-3270, SD for nite.

- 8/10 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD.
Drill on junk 2 hrs @ 3280, POH w/ tbg, DC's and bit, bit worn out, ran imp blk on SL, indicated top of ret, ran 4-5/8 mill on DC's and tbg, milled out ret 3280-85, POH, SD for nite, prep to run bit & CO to 3330.
- 8/11 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD.
Ran 4-3/4 bit on 4 - 3 1/2 DC's and 2-3/8 tbg to 3285, drill cmt to 3305 and new hole to 3330, circ clean, stuck bit, worked loose in 1 1/2 hrs, POH w/ bit, Dresser-Atlas ran GR-N log 1300-3323, logger's TD, then perf 5 1/2 csg in the Queen @ 3278-85/7' - 7 holes, SD for nite.
- 8/12 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD.
Ran 2-3/8 tbg to 3232 w/ Baker Model R pkr set @ 3201, Knox Serv Co acidized perfs 3243-85 and OH 3285-3330 w/ 2000 gals 15% NE acid, TTP zero press 1.5 BPM, ISIP vac, job compl @ 12:06 p.m. 8/11/71, SI 2 hrs, run sw, 400' FIH, S 7 BLW/2 1/2 hrs, 300' FIH, gd sh of gas, L hr sw 1/2 bbl, S/O 100% LW, SD for nite, prep to POP.
- 8/13 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
SI 12 hrs, TP 40, unseat pkr, POH w/ tbg & pkr, ran 2-3/8 tbg, OP to 3278, T. Perfs 3245-48, SN 3244, 104 jts 2-3/8 EUE 8rd J-55 tbg, ran 2" x 1 1/2" x 12' pump on 82 - 3/4 & 45 - 7/8 rods, 1 - 8', 6' & 2' top subs, spaced out, RD, Rel unit and Rel to Prod @ 5:30 p.m. 8/12/71. - 160 BLW.
- 8/16 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
Set PU, then P 1 BNO + 160 BLW + 255 BSW/60 hrs.
- 8/17 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
P 0 BNO + 168 BSW/24 hrs, 300' FIH.
- 8/18 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
P 0 BNO + 166 BSW/24 hrs.
- 8/19 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
P 0 BNO + 86 BSW/12 hrs, well down 12 hrs, power off.
- 8/20 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
P 0 BNO + 166 BSW/24 hrs.
- 8/23 LANGLEIE MATTIX QUEEN UNIT #40, 3330 PBTD, 3345 TD.
P 0 BNO + 500 BSW/72 hrs, 300' FIH, no change.
- 8/24 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
P 0 BNO + 167 BSW/24 hrs.
- 8/25 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
P 0 BNO + 163 BSW/24 hrs.
- 8/26 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test - down to change out satellite pump.
- C/27 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
P 0 BNO + 160 BSW/24 hrs.
- 8/30 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
P 0 BNO + 478 BSW/72 hrs.
- 8/31 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test.

9/1 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test.

9/2 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test.

9/3 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD
No test.

9/7 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD
No test.

9/8 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD
No test.

9/9 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD
No test.

9/10 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD
No test.

9/13 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
P 0 BO + 176 BSW/24 hrs.

9/14 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test.

9/15 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test.

9/16 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test.

9/17 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test.

9/20 LANGLEIE MATTIX QUEEN UNIT #40, 3345, 3330 PBTD.
No test.

9/21 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test.

9/22 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test.

9/23 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test.

9/24 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
No test.

9/24 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
P. 4 BNO + 180 BSW/24 hrs.

10/5 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD
(Last rpt'd 9-24-71)
Shut in for W/O to shut off water.

10/6/71 LANGLEIE MATTIX QUEEN UNIT #40, 3345 TD, 3330 PBTD.
FINAL REPORT.
See work done under AFE #1613. (See Page 4)

LANGLIE MATTIX QUEEN UNIT #40, Langlie Mattix Field, Lea County, New Mexico.
 OBJECTIVE: Shut off water zone - AFE #1613 - MOBIL INT. .73607% - EST. COST
 \$5,900.

10/5/71 3345 TD, 3330 PBTB

MIRU Clary's Well Ser Unit @ 4:00 p.m., POH w/ rods & pump, pull 59 jts
 2-3/8 tbg, SD for nite.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD

10/6 Finish POH w/ tbg, ran 3½ SP, attempted to CO @ 3330 2 hrs, no rec, ran
 4-3/4 bit on 2 3½ DC's & 2-3/8 tbg, drilled new hole from 3330-3343, 4
 hrs, did not rec any cmt, rec form cuttings, pull bit to 3207, SD for nite.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD

10/7 Finish POH w/ tbg, DC's & bit, ran 3½ SP, CO 3339-3343, ran 2-3/8 tbg
 OE to 3322, SI & SD, prep to pump injectrol.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD

10/8 Reset end of tbg @ 3342, Waco ran logging tool to 3330, Howco pumped
 50 BFW down tbg then pumped 100 bbls injectrol down tbg flushed w/
 13 BFW, TP 800-1300, AIR 3.0 BPM, pumped fr wtr down csg 2½ BPM, CP
 300-600 holding interface @ 3322, ISITP 200#, 5 min on vacuum, ISICP
 200#, 5 min on vacuum, SI 2 hrs then Howco pumped 50 bbls injectrol
 down tbg, TP 500-800#, AIR 3.0 BPM, pumped wtr down csg, CP 400-600#,
 AIR 6.0 BPM, ISITP 200#, 5 min on vacuum ISICP 200#, 5 min on vacuum,
 job compl @ 1:30 p.m. 10-7-71, will leave SI 41 hrs.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD.

10/10 SI 41 hrs, CP & TP vac, POH w/ tbg, ran SP, CO 3322-3340,
 P 80 BFW down csg, Howco PB OH 3340-3323 w/ hydromite, ran
 2-3/8 tbg, OP to 3265, SN @ 3232, 104 jts 2-3/8 EUE tbg, ran
 pump & rods, spaced out, hung on pump, SD for nite.

10/11 RD, Rel unit @ 8:30 a.m. 10/10/71, Rel well to Prod.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD

10/12 P 0 BNO + 93 BLW/ 24 hrs. -1078 BLW.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD.

10/13 P 0 BNO + 92 BLW/24 hrs. - 987 BLW.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD.

10/14/71 P 0 BNO + 78 BLW/24 hrs. - 909 BLW.
 Will rpt weekly.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD

10/21 P 14 BNO + 476 BLW/ 168 hrs. -433 BLW.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD.

10/28 P 14 BNO + 433 BLW + 29 BSW/168 hrs, 90' FIH.

LANGLIE MATTIX QUEEN UNIT #40, 3345 TD.

10/29/71 P 2 BNO + 64 BSW/ 24 hrs, SI well for wtr flood response.
FINAL REPORT.