

DAILY DRILLING REPORT

Humphrey Queen Unit #29

HUMPHREY QUEEN UNIT #29, 2310' FWL & 660' FNL, Sec 3, T25S, R37E, Lea County, New Mexico. OBJECTIVE: Drill & complete producer in Queen & Penrose zones. - AFE #1953 - MOBIL INT. 100% - EST. COST \$49,000.

1/11/72

(1) 375 drlg red bed, 12½" hole, 1/4° 250. S. Mud.
Leatherwood Drlg Co spud in @ 7:30 p.m. 1-10-72.

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(2) 1070 ND anhy 12½" hole, 1/4° 653. S. Mud.
Circ 1 hr, POH, prep to run 8-5/8" csg.

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(3) 1076 drlg anhy 7-7/8" hole, 1° 1070. Br. Wtr.
Ran 27 jts 8-5/8" 20.0# ST&C csg cmtd on bottom @ 1070 by Howco w/ 600 sx Class H 8% gel cmt containing 1/4# flocele per sx + 200 sx Class H neat, all cmt contained 2% CaCl, PD @ 9:50 a.m. 1-12-72, cmt circ, WOC 18 hrs, test 8-5/8" csg 800# ok.

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(4) 2323 drlg anhy & salt, 7-7/8" hole, Br. Wtr.
1/4° 1462, 1½° 1987, 1-3/4° 2260.

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(5) 2780 drlg anhy, 7-7/8" hole, Br. Wtr.
2½° 2478, 2½° 2598.

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(7) 3271 drlg 1m 7-7/8" hole, 9.6-34-5% oil.
2½° 2886, 2-3/4° 3271.

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(8) 3535 drlg 1m 7-7/8" hole, NND. 10.0-35-NC, 3% oil.

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(9) 3550 TD, 1m, WOC on 5½" csg, finish hole @ 7:15 a.m. 1-18-72, circ 1 hr, POH, Dresser-Atlas ran GR-SWN log 0-3549, ran bit to bottom, circ 1 hr, P & LD DP & DC's, ran 110 jts 5½" o.d. 14.0# used ST&C csg cmtd @ 3549 by Howco w/ 770 sx Class C 8% gel cmt + 1/4# flocele/sx + 200 sx Class C neat cmt, PD @ 11:00 p.m. 1-18-72, cmt circ, set slips, cut off csg, rel Leatherwood Drlg Co ri- @ 3:00 a.m. 1-19-72, prep to MO rig.

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HUMPHREY QUEEN UNIT #29, 3550 TD
MO tools.

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HUMPHREY QUEEN UNIT #29, 3550 TD

Finish MOT, MIRU Clary's Well Ser Unit, ran 2-3/8" EUE 8rd tbg OE to 3522, instl BOP, SD for nite.

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HUMPHREY QUEEN UNIT #29, 3550 TD

Displ hole w/ lease oil, POH, Dresser-Atlas ran GR-collar corr log 2000-3506, then perf 5½" csg in the Penrose @ 3456-60, 2 JSPF, total 8 holes, ran 2-3/8" tbg OE to 3474 w/ Baker Model R pkr set @ 3414, Howco acidized perfs w/ 500 gala 15% NE acid, BDTP 2000-600#, TTP 800#, 1/2 BPM, ISIP 750#, 15 min 200#, job compl @ 3:30 p.m. 1-21-72, SI 1 hr, then sw 12 BLO/ 2 hrs, sw dry, SI & SD.