

DAILY DRILLING REPORT

Humphrey Queen Unit #1

HUMPHREY QUEEN UNIT #1, Langlie-Mattix (Queen) Fld, Lea Co, NM.
OBJECTIVE: Drill deeper, log and stimulate. AFE 0980 - Mobil
Intr 100% - Est Cost \$9200.

12/11/70 3545 TD, 3540 PBTB.

MIRU Clary's Well Serv DD unit, POH w/ rods and pump, inst'l
BOP, POH w/ 2-3/8 tbg, SD for nite, prep to drill deeper.

HUMPHREY QUEEN UNIT #1, 3545 TD.

12/12 Ran 3-7/8 HTC OW bit on 6 - 3" DC's and 2-3/8 tbg, CO 3521-45/
24', plugged bit, POH, had one plugged DC & bit, rerun bit,
CO @ 3545, plugged bit, now POH w/ plugged bit.

12/14 3673 drlg lm & sd, 3-7/8" hole. W/wtr & Guar Gum.
CO sd @ 3545.

HUMPHREY QUEEN UNIT #1

12/15 3685 TD lm & sd 3-7/8" hole, cir ½ hr, POH, Dresser Atlas ran GR-N
log 2175-3677, SD for nite, prep to acidize.

HUMPHREY QUEEN UNIT #1, 3685 TD

12/16 LD 8 3" DC's, ran 2-3/8" tbg OE to 3675, circ hole quar gum breaker
then displace to fresh water, LD 8 jts tbg, SD for high wind.

HUMPHREY QUEEN UNIT #1, 3685 TD.

(/17 Ran 2-3/8 tbg OE to 3675, spotted 63 gals 15% NE acid on bottom,
POH, ran Baker Model R 4½ pkr on 2-3/8 tbg, set pkr @ 3530,
Astro Serv acidized OH zone 3545-3678 (corrected TD) w/ 1500 gals
15% NE acid, TTP 800, AIR 2.4 BPM, ISIP 300, 10 min on vac, had
communication to csg w/ 19 bbls acid in form, reset pkr @ 3303,
then acidized perfs 3418-3520 w/ 500 gals 15% NE acid, TTP 600,
AIR 4.0 BPM, ISIP 200, 8 min on vac, job compl @ 11:25 a.m.
12/16/70, S 13 BLW/4 hrs, sw dry, POH w/ tbg & pkr, SD for nite,
prep to POP.

HUMPHREY QUEEN UNIT #1, 3685 TD

12/18 Ran 2-3/8" tbg oranged peeled to 3641, T perfs 3608-11, SN @
3607, ran 2 x 1½ x 10 pump on 3/4 rods, spaced out, hung well
on pump, rig down & rel unit @ 1:30 p.m. 12-17-70, rel to
prod -880 BLW + 48 BAW.

HUMPHREY QUEEN UNIT #1, 3685 TD

12/20 P 0 BNO + 152 BLW/ 48 hrs 14-48" SPM -726 BLW.

12/21 P 0 BNO + 23 BLW/ 24 hrs. -703 BLW 100'FIH.

HUMPHREY QUEEN UNIT #1, 3685 TD

12/22 P 0 BNO + 19 BLW/ 24 hrs -684 BLW.

HUMPHREY QUEEN UNIT #1, 3685 TD

(2/23 P 0 BNO + 16 BLW/ 24 hrs. -668 BLW.