

DAILY DRILLING REPORT

HUMPHREY QUEEN UNIT #17

HUMPHREY QUEEN UNIT #17, Langlie Mattix Fld, Lea Co, NM.
OBJECTIVE: Plug thief zone. AFE 1660 - Mobil Intr 100% -
Est Cost \$3500.

- 12/6/71 3545 TD.
MIRU Waco, ran Caliper from 3380-3150, ran GR log from 3380-3100, ran survey to determine fluid entry, indicated 5% 3200-08: 8% @ 3208-12; 5% @ 3292-3308; 5% @ 3308-18; 20% @ 3318-26; 24% @ 3326-31; 3% 3331-35; 30% 3335-80; & 1% down below 3380, Caliper indicated shot hole 3330-80, 18½" & larger, RD & Rel Waco.
- 12/7 HUMPHREY QUEEN UNIT #17, 3545 TD.
WO study of logs.
- 12/8 HUMPHREY QUEEN UNIT #17, 3545 TD.
WO study of logs.
- 12/9 HUMPHREY QUEEN UNIT #17, 3545 TD.
WO study of logs.
- 12/10 HUMPHREY QUEEN UNIT #17, 3545 TD.
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- 12/13 HUMPHREY QUEEN UNIT #17, 3545 TD.
Prep to MI unit.
- 12/14 HUMPHREY QUEEN UNIT #17, 3545 TD.
MIRU Clary's Well Serv unit, POH w/ 2-7/8 CL tbg & pkr, inst'l BOP, ran pin collar on 2-3/8 tbg to 3309, SD for nite.
- 12/15 HUMPHREY QUEEN UNIT #17, 3545 TD.
Ran end of tbg to 3379, MIRU Waco & Howco, Howco pumped 150 bbls injectrol 13.5# slurry holding interface @ 3372, pumped 75 bbls 3.0 BPM down tbg, 7.0 BPM on wtr down csg, SD 30 min, then pumped 75 bbls 1.5 BPM down tbg, 11.0 BPM down csg w/ wtr, ISIP 1100, 30 min 550, top of interface @ 3286, RD Waco & Howco, rel press, pull 20 jts of tbg, SI for 24 hrs.
- 12/16 HUMPHREY QUEEN UNIT #17, 3545 TD.
P & LD 2-3/8 tbg, ran 3½ SP to 3404, CO 2 gals injectrol/1 hr, remove BOP, inst'l tbg hanger, SD for nite.
- 12/17 HUMPHREY QUEEN UNIT #17, 3545 TD
Ran Howco steel line to 3150' ran 4" bailer, CO injectrol from 3150-3250 6 hrs, SD for nite.
- 12/18 HUMPHREY QUEEN UNIT #17, 3545 TD
CO from 3250-3402 then Howco PB 3402-3370 w/ 137 gals' hydromite, ran Baker 7" AD-1 ten pkr on 40 jts 2-7/8" tbg, SD for nite.
- 12/20/71 Ran total 100 jts 2-7/8" cmt lined tbg, displ csg w/ TFW, set pkr @ 3112 w/ 10,000# ten, instl inj head, hook up inj line, inj wtr @ rate 500 BPD @ 900 psi, rig down, rel unit, ret well to inj.

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HOBBS, N. M.**