

DAILY DRILLING REPORT

Humphrey Queen Unit #22

HUMPHREY QUEEN UNIT #22, Langlie Mattix Field, Lea County, New Mexico, OBJECTIVE: Drill deeper, log and stimulate - AFE #0981 - MOBIL INT. 100% - EST. COST \$8,200.

12/27/70 3573 TD, 3365 PBTD

MIRU Clary's Well Ser Unit, P & LD rods, pump and tbg, rig down unit at 2:00 p.m.

12/28 3573 TD, drill out plug at 3450.

MIRU Jake Miller cable tool rig, started drilling on plug at 3365 w/ 4-3/4" bit at 12:01 a.m. 12-27-70.

HUMPHREY QUEEN UNIT #22, 3573 TD

12/29 Cleaning out OH at 3475, hole caving in.

HUMPHREY QUEEN UNIT #22, 3573 TD

12/30 Cleaning out at 3495 w/ 4-3/4" cable tool bit, rec heavy mud and cuttings.

HUMPHREY QUEEN UNIT #22, 3573 TD

12/31 CO to 3500, bailed hole clean, Welex ran GR-N log 2000-3494, ran 3 1/2" SP, CO to 3498, rig down and rel Jake Miller CT rig at 6:30 p.m. 12-30-70, prep to MI unit and acidize.

HUMPHREY QUEEN UNIT #22, 3500 PBTD.

1/2/71 MOCT rig, MIRU Clary's Well Serv unit, ran 2-3/8 tbg OE to 3491, Astro Serv spotted 2 bbls acid on bottom, loaded annulus, then acidized w/ 1500 gals 15% NE acid, TTP 0-600, AIR 1.3 BPM, ISIP 200, 2 min on vac, job compl @ 5:23 p.m. 12/31/70, POH w/ 10 stands of tbg, SD for nite, finish POH, ran 2-3/8 tbg, OP to 3460, T. Perfs 3427-30, SN @ 3426, ran 2" x 1 1/2" x 12' pump on rods, hung on pump @ 2:00 p.m. 1/1/71, RD & Rel unit & Rel to Prod @ 2:00 p.m. 1/1/71.  
- 22 BLW.

HUMPHREY QUEEN UNIT #22, 3500 PBTD.

1/3 P 24 BNO + 73 BLW/24 hrs.

- 37 BLW.

1/4 P 28 BNO + 37 BLW + 10 BSW/24 hrs.

1/5 No Rpt - test facilities frozen.

HUMPHREY QUEEN UNIT #22, 3500 PBTD.

1/6 No Rpt - freezing.

HUMPHREY QUEEN UNIT #22, 3500 PBTD.

1/7 P 38 BNO + 0 BSW/24 hrs.

HUMPHREY QUEEN UNIT #22, 3500 PBTD.

(1/8/71 P 42 BNO + 8 BSW/24 hrs. WO Compl 1/1/71.  
Before WO: P 42 BNO + 0 BSW/24 hrs.  
FINAL REPORT.