

DAILY DRILLING REPORT

Humphrey Queen Unit #24

HUMPHREY QUEEN UNIT #24, Langlie Mattix Field, Lea County, New Mexico, OBJECTIVE: Drill deeper, log and stimulate - AFE #0982-- MOBIL INT. 100% - EST. COST \$6,700.

12/18/70

3450 TD

MIRU Clary's Well Ser Unit, POH w/ 62 rods, rods parted, POH w/ 109 jts 2-7/8" 10v thread tbg and remainder of rods and pump, rig down and rel unit @ 7:30 p.m. 12-17-70, prep to MI cable tools.

HUMPHREY QUEEN UNIT #24, 3450 TD

12/19

MIRU Jake Miller CT rig, ran 6-1/8" bit, CO 3425-30, cont to CO, prep to DD.

12/20

3450 TD

CO cavings and fill up 3430-50/ 24 hrs, hole continued to cave in.

12/21

3462 drlg lm 6-1/8" hole w/ cable tools.

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12/22

3480 drlg lm 6-1/8" hole w/ cable tools.

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12/23

3503 drlg lm 6-1/8" hole

w/ cable tools.

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12/24

3514 drlg lm 6-1/8" hole

w/ cable tools.

SD at midnite 12-23-70 for Christmas.

12/27

3510 corrected TD lm 6-1/8" hole, CO on bottom w/ SP, Schl ran GR-N log 1908-3508, rel Jake Miller cable tool rig at 10:30 a.m. 12-26-70, MOT, MIRU Clary's Well Ser Unit, SD for nite.

12/28

3510 TD

Ran 2-7/8" 10v thread tbg OE to 3501, spot 2 bbls acid on bottom then load csg w/ 97 BT, FW Astro Services acidized OH 3175-3510 w/ 1500 gals 15% NE acid flushed w/ 33 bbls TFW, TTP 600#, AIR 1.1 BPM, ISIP 200# 7 min on vacuum, job compl 2:05 p.m. 12-27-70, swab 30 BLW/ 2 hrs, 1000' FIH, S/O 100% AW, POH w/ 11 jts of tbq, SD for nite.

HUMPHREY QUEEN UNIT #24, 3510 TD

12/29

Finish POH, ran 2-7/8" 10v thread tbg orange peeled to 3486, T perfs 3471-74, SN at 3470, ran pump and rods, hung well on pump, rig down rel unit and rel to prod at 3:30 p.m. 12-28-70

-148 RIW.

12/30

HUMPHREY QUEEN UNIT #24, 3510 TD

P 0 BNO + 48 BAW + 100 BLW + 10 BSW/ 24 hrs, all load rec, 400' FIH.

12/31

HUMPHREY QUEEN UNIT #24, 3510 TD

P 21 BNO + 22 BSW/ 24 hrs.

(Before DD 2BO + 3 BW).