

DAILY DRILLING REPORT

Humphrey Queen Unit #13

HUMPHREY QUEEN UNIT #13 WIW, 1500' FSL & 1220' FEL Sec 4,
T-25-S, R-37-E, Lea Co, NM. OBJECTIVE: Drill and complete
WIW in the Queen zone. AFE 0225 - Mobil Intr 100% - Est
Cost \$38,000.

3/7/70 C. A. Nunn Drlg MI tools.

3/9 (2) 1032 ND anhy, 12½" hole, S. Mud.
½ @ 247; ¾ @ 483; ¾ @ 756; ½ @ 829; ½ @ 1032.
C. A. Nunn spud in @ 2:00 p.m. 3/7/70. Ran 30 jts 1032' 8-5/8
20# MU 46 8rd ST&C csg, cemented on bottom @ 1032 by Howco w/
500x Class H 8% gel cement + ¼# flocele + 200x Class H Neat,
all cement contained 2% CaCl, PD @ 11:15 p.m. 3/8/70, cement
circ, WOC.

HUMPHREY QUEEN UNIT #13 WIW
3/10 (3) 1725 drlg salt & anhy, 7-7/8" hole, Br Wtr.
½ @ 1335, ¾ @ 1633. WOC total 19 hrs, test 8-5/8 csg w/
800#/ok.

HUMPHREY QUEEN UNIT #13 WIW
3/11 (4) 2690 drlg anhy, 7-7/8" hole, Br Wtr.
1° @ 1846; 1-¾ @ 2389; 2° @ 2597.

() 3/12 HUMPHREY QUEEN UNIT #13 WIW
(5) 3105 drlg lm & dolo, 7-7/8" hole, 2½ @ 2873. Br Wtr.

3/13 HUMPHREY QUEEN UNIT #13 WIW
(6) 3350 drlg anhy & lm, 7-7/8" hole, 2° @ 3172. Br Wtr.

HUMPHREY QUEEN UNIT #13 WIW
3/14 (7) 3500 drlg lm & dolo, 7-7/8" hole, 1-¾ @ 3373. Br Wtr.

3/15 (8) 3700 TD lm, 7-7/8" hole, 1½ @ 3700. 10.1-33-18.0.
Schl now running OH logs, finish hole @ 1:00 a.m. 3/15/70,
circ 1½ hrs, POH.

3/16 3700 TD, WOC on 4½ and 4-¾ csg, Schl ran GR-N log 2000-3704,
Schl depth, ran Caliper 1032-3704, ran bit to bottom, circ
1 hr, P & LD DP & DC's, ran 2 jts 4½ OD 9.5# 8rd J-55 ST&C
csg + cross over + 89 jts 4-¾ 16# J-55 LT&C & cross over +
26 jts 4½ OD 9.5# 8rd ST&C csg cemented on bottom by Howco
w/ 550x Class C 8% gel cement w/ ¼# flocele + 150x Class C
Neat w/ ¼# flocele, PD @ 4:00 p.m. 3/15/70, cement circ, set
slips, cut off csg, Rel C. A. Nunn Drlg Co rig @ 11:00 p.m.
3/15/70, prep to MOT.

HUMPHREY QUEEN UNIT #13 WIW, 3700 TD.
3/17 MOT - will compl later.

3/18 HUMPHREY QUEEN UNIT #13 WIW, 3700 TD.
Will compl later.

3/19 HUMPHREY QUEEN UNIT #13 WIW, 3700 TD.
Will compl later.