

Prize Operating Company
Humphry Queen Unit #4
State Oil & Gas Lease #:
Unit Agreement #:
API #: 30-025-11420
Location: Sec. 3, Twp. 25S, Rge. 37E
Langlie Mattix 7RVRS-Q-GB Field, Lea County, New Mexico

Completion Date: 1937

Total Depth: 3530' P.B.T.D.:

Casing Data: 20" @ 45' w/50 sxs. - TOC = Surface
15-1/2" @ 158' w/ N/A - TOC = Surface
8-5/8" @ 1307' w/ 150 sxs. - TOC = Surface
7" 24# @ 3244' w/ 150 sxs. - TOC = 2140' (Estimated)

Tubing Data: 2-7/8" 4.4# @ 3134' (Baker AD-1 Packer @ 3134')

Rod Data: None

Open Perfs: Open Hole @ 3244'-3530'

Remarks: Converted to water injection well in 1969.

PXA PROCEDURE

- 1) MIRU work over rig and PXA equipment.
- 2) ND tree and NU BOP.
- 3) POOH w/ 2-7/8" tubing & Baker AD-1 packer.
- 4) RUWL & RIH w/ 7" gauge ring. POOH w/ gauge ring. RIH w/ 7" CIBP & set @ 3150'; RDWL.
- 5) RIH w/ tubing open ended & pump a 25 sx. cmt. plug on top of CIBP @ 3150'; POOH w/ tubing 1000' & WOC; RIH w/ tubing & tag top of cmt. plug; Circulate hole w/ 9.5# salt gel mud. POOH w/ tubing.
- 6) RUWL & RIH & cut 7" casing @ 1360'. POOH & RDWL; Lay down 7" casing.
- 7) RIH w/ tubing to 1360'; Pump a 100' (50' in and 50' out), 35 sx. cmt. plug @ 8-5/8" casing shoe @ 1307'. POOH w/ tubing & WOC & TAG.
- 8) Pump a 100', 35 sx. cmt. plug @ +/- 1000' and a 20 sx. cmt. surface plug @ 3'-63'.
- 9) Dig out and cut off casings 3' B.G.L. & weld plate on top. Set dry hole marker.
- 10) RDMO PXA equipment. Clean location.

NOTE: Will perforate and squeeze cement plugs if 7" casing is not recovered.