

12/30/83 Ran 72 hr BHP survey. SIBHP 8301 psi. FBHP 846 psi.

2/16/84 Treat w/5000 gals Inversol II + N₂ & 38 floating ball sealers. 4.8 BPM @ 8000 psi. No change.

3/8/84 Flwg est 150 MCF/D & 24 BWPD. Perf Morrow "A-1" sand w/1 11/16" Enerjet thru-tbg gun 15,140-46' (2 JSPF) 14 holes & 15,128-38' (1 JSPF) 11 holes.

4/10/84 Acdz all perfs w/6048 gals 7 1/2% Mor-Flo BC acid w/90 1.1 SG BS & N₂ AIR 5.2 BPM @ 7600 psi. ISDP 6500#. Treatment went in old perfs. No change.

SI WOPL.

Presently cement squeezing existing perfs to shut off H₂O and reperforate.

1. MIRU CU. Load tbg w/clean 10# brine to kill well. NDWH & NU 10,000# hydraulic BOP. Pull seal assembly out of PBR & let well equalize. POH w/seal assembly.
2. GIH w/MWL spear, jars & DC's on 2 7/8" tbg & retrieve RLA & tailpipe assembly from inside liner. Keep hole full.
3. RU CRC & set retainer @ + 15,050'. POH. RIH w/stinger on app 2700' of 2 3/8" WS & 2 7/8" tbg. Sting into retainer. RU Howco, establish a rate & sqz the zone w/50 sx C1 "H".
4. Pull out of retainer, rvse out & POH.
5. PU 3 3/4" mill, DC's on 2 3/8" WS. RU rvse unit & drill out retainer & cmt from 4 1/2" liner to 15,128'. Spot 500 gal 10% acetic from 15,104'. POH. Displ hole w/filter 10# brine.
6. Run RLA, tailpipe & tbg back in hole. Displ tbg w/N₂.
7. RU CRC, install lubricator & perf the Morrow "A-1" sand w/1 11/16" decentralized thru-tbg gun loaded w/premium charges (1 JSPF) 15,080-104' (25 shots). POH. Put away spot acid & flow to test.