

11-29-89 thru 04-02-90

- 1) MIRU PU. Stripped out tbg, rods & pmp.
- 2) Ran pkr. PSA 6254'. A/perfs 6616-22' w/2500 gals 15% acid. 3 BPM. Max P-1500#. ISIP-110#. 5 min-Vacuum.
- 3) Ran RBP & set @ 5000'. Logged. Perfed 2 JS @ 4903'.
- 4) Set cmt rtnr @ 4850'. P/400 sx Cl H 2 BPM 1200#. Ran TS. TOC 4389'.
- 5) Ran bit. DOC 4851-4903'. C/O to RBP. Tested csg to 650#.
- 6) Perf'd 4-1/2" csg w/2 JSPF 4788-4796', 4801-4810'. A/perfs w/2500 gals 15% NEFE & 44 BS's. Max P-4000#. Min P-1800#. 3.2 BPM. ISIP-500#.
- 7) S/52 BLW. Fl 100-1500. Frac'd perfs 4788-4810' w/20,000 gals XL gel & 30,000# 20/40. Max P-5300#. Avg-5200#. 14 BPM. ISIP-900#. 15 min-700#.
- 8) TOH w/tbg and pkr. Ran hydro-bailer on tbg. C/O sand 4812-5000'. Stuck bailer. Pld out of collar @ 3142'. Ran OS. Latched onto fish. Chem cut tbg above bailer @ 4098'.
- 9) Ran OS and jars. Jarred 2-1/2 hrs. No movement. TOH w/OS. Ran port sub. Make outside. B/O. Rec bailer & 8 jts tbg. Ran OS & jars. Fish full of sand. Ran OS and PS. Make OS. B/O. Rec 16 jts tbg.
- 10) Ran WP. W/O fish to 5000'. Ran OS. No rec. TOH w/OS.
- 11) Ran shoe and WP. W/O fish to 5000'. Rec 5 jts tbg and 1/2 of ret hd from RBP.
- 12) Ran prod equip. RD PU. Test 10 days.
- 13) RU PU. TOH w/prod equip. TIH w/bit. Tag'd @ 4807'. C/O 4807-5000'. TOH.
- 14) Set cmt rtnr @ 4726'. Sqz perfs 4788-4810' w/200 sx Cl H w/.4% Halad-9. Sqz press 1100 psi. WOC.
- 15) TIH w/4-3/4" bit. Drld ret & cmt 4726-4903'. Tested csg to 600 psi. O.K. TOH.
- 16) TIH w/shoe to 2000'. Cut ret. hd off RBP. TIH w/OS. Latched on. Unable to release RBP.
- 17) TIH w/shoe. Cut 2'. TOH. TIH w/shoe #2. Cut @ 5000'. Pushed RBP to TP. TOH.
- 18) TIH w/prod tbg. Tag'd RBP @ 6300'. TOH. TIH w/OS. Latched onto RBP. TOH w/RBP.
- 19) TIH w/MA, perf sub, SN, 7 jts, TA 197 jts 2-3/8" tbg. TIH w/rods & pmp. Tested 10 days.
- 20) Pmp stuck. Stripped out of hole. TIH w/pkr. PSA 5000'. Tested csg. Pmpd in .5 BPM @ 500 psi. Reset @ 6300'.
- 21) TIH w/prod equip. Pmp under pkr. NG @ RT.
- 22) SI well. UNSUCCESSFUL WORKOVER.