GWDC MABLE HALE FEDERAL #1 EDDY COUNTY, NEW MEXICO



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- 2/11/83 POH w/2-3/8" tbg & overshot, RU CRC, WIH w/4" csg gun (high performance Posti-Jet) loaded w/2 shots, perf @ 11,967' top shot, & 11,967.5' btm shot, dia. holes .44", penetration 15", POH w/gun, both shots fired, put on Halliburton EZ-drill cmt retainer & ran on 2-3/8" tbg to 11,935', broke circ, set retainer @ 11,935', hook up Western Co., press annulus to 1500 psi, hooked back up on tbg & tried to establish pump in rate, got 2 bbls, pumped in @ .4 BPM @ 3500 psi, bled press off, repress 2 more times to 3500 psi w/rate still @ .4 BPM, repress the 4th time to 4000 psi, took 6" to bleed off, SWIFN.
- 2/12/83 RU Western Co., pumped 250 gals 25-30 acid w/iron & clay inhibitors, spotted acid @ btm of tbg @ 11,936', stung back into Halliburton EZ drl retainer, press annulus to 1500 psi, displaced acid in formation W13 bbls 2% KCL FW, press increased to 4600 psi @ 1 BPM, bled press off 20" to 500 psi, bled press off tbg & csg, mixed & spotted 100 sx Class "H" cmt containing CF 9 wtr loss, WR-2 retarder, AFS ant1-foamer, mixed @ 15.6#/bal, spotted within 2 bbls of end of tbg, swung @ 11,936', stung back into retainer, press annulus to 2000 psi, started displacing cmt Into formation, press increased to 5000 psi after pumping 43 sx into formation, held @ 5000 psi, PO of retainer & reversed out 57 sx cmt, RD Western, POH w/tbg, PU 4, 3½" DC's & stood in derrick, SDFD
- 2/13/83 Ran 4-5/8" Walker McDonald bit, 4-3½" DC on 2-3/8" OD, N-80 tbg to 11,928' to top of cmt, drld 7' of cmt, Halliburton EZ drl retainer @ 11,935' and cmt to 11,968' and washed sand to 11,973' to top of BP, circ hole clean w/2% KCL FW, pulled 1 jt tbg & 6' swb & SDFD, released reverse unit.
  - 2/14/83 Down Sunday.
  - 2/15/83 Pulled tbg @ halfway out of hole, press csg to 4000 psi for 20" & held okay, finished pulling tbg & LD DC's & bit, ran Halliburton overshot & RIH on 2-3/8" tbg, caught BP & POH, SD, left some large pieces of rubber from BP in hole.
  - 2/16/83 Ran 2 3/8" tbg and latched into prod. pkr, circ. hole w/75 bbls. 2% KCL tresh wtr - to rec. pkr rubber prior to stng into W.B. pkr, R.U. Otis slickline & ran 2" RB plug retrieving tool - @ 11977 set down, couldn't get deeper, POH, ran Otis hyrostatic bailer - POH & left bailer in hole, RIH & fished bailer & POH, rec. pkr rubber in bailer, reran bailer, rec. more rubber & l piece metal <sup>1</sup><sub>2</sub>" dia. x <sup>1</sup><sub>2</sub>" long, made 2nd run w/o rec. SD.

