GWDC MABLE HALE FEDERAL #1 EDDY COUNTY, NEW MEXICO



- 3/16/83 Worked, pulled & turned pkr for 2¹/₂ hrs, got to moving, LD 17 jts tbg, pkr hung again, pulled & worked 3 hrs w/-O- progess, got off of on & off tool & POH, ran on & off tool, jars & 4, 3¹/₂" DC's, ran in hole & latched back into on & off tool, jarred on pkr 45", pkr started moving, POH & LD pkr & tools, left in hole parts of 4 slip segments & part of slip core, the rubber from the RBP was above pkr & was hanging pkr, SD.
- 3/17/83 Ran $4\frac{i_2}{2}$ magnet on sand line to 6500', couldn't get past, POH & ran $3\frac{i_2}{2}$ magnet, ran to btm, rec⁻¹₂ of pkr junk, made 9 runs & did not recover anything on last 2 runs, still have some metal & rubber left in hole, SD
- 3/18/83 Ran 4-5/8" bit on 2-3/8" tbg, ran rabbit 1-3/4" x 3' thru all tbg, ran bit to btm, 11,980', pushed csg obstruction to btm, PU 4', hooked up Western & circ hole w/2% KCL wtr, rec pkr rubber, some woody, some small metal & small pieces of cmt, pulled bit, ran 4¹₂" magnet on sand line to 11,980', no recovery SD.
- 3/19/83 Ran Otis Permalatch pkr & rabbitted all tbg, ran to 11,690', set pkr & press to 2000 psi, held okay, press annulus to 1500 psi, held okay, released pl & ran to 11,850', ran sinker bars on wire line & ran through pkr, SD.
- 3/20/83 RU Western & tested pkr on/off tool & tbg, spotted 3 bbls 10% acetic acid @ 11,805' & left 3 bbls in tbg, pulled to 11,694' & set pkr w/4000# tension, RU CRC & perf w/1 11/16" posijet II tbg gun, tagged W.A. pkr @ 11,996', checked 5 csg collars, perf 11,730-11,740', 10', 10 holes, 11,750-11,755' 5', 5 holes, 11,764-11,771' 7 holes, 7', 11,774-11,781', 7', 7 holes, 11,810-11,818', 8', 8 holes, made 4 standard runs & 1 select fire run, <u>37 holes</u> total, 0.29" dia, 7.33" penetration, RD CRC & RU Western, press annulus to 1500 psi, press on tbg, took 1.6 bbls to load, pumped to break down perforation rate 2 BPM @ 5400 psi, had 2 small breaks, pumped away 6 bbls, J SDP 4000 psi, 5" 2100 psi, 10" 1500 psi, 15" 1200 psi, RD Western & SD @ 6:30, had 400 psi TP.

3/21/83 Down

3/22/83 SITP -O-, ran swb fluid @ 200', Howered FL to 7500' & started getting some gas dn 15" to work on choke & press ind to 20 psi, swbd 4½ hrs into test tank, red 48.10 BL&AW, pulling swb from top of pkr @ 11,600'+, switched flow line to pit for 4 hrs, getting very small vol of wtr, 2 bbls, had a 4-5' flare burning continuously, well is flowing dry gas, recovery 50.10 BL&AW in 8½ hrs, daught wtr sample @ 4 PM 3/21/83. SG. 1.040 @ 70° F Mg 1458

 SG. 1.040 @ 70° F
 Mg 1458

 Ph 5.8
 HCO, 33,000

 Fe-trace to strong
 C1 14,000

 Hardners 15,000
 CaCl 23,000

 Ca 36,000
 CaCl 23,000

