GWDC MABLE HALE FEDERAL #1 EDDY COUNTY, NEW MEXICO

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8/20/83

- 5)/83 Finished pulling thg, DC, wash pipe & shoe, LD wash pipe & shoe, WIH w/overshot (4-11/16" OD) w/3-1/16" grapple w/stop in overshot, bumper sub, 4, 3½" DC's, jars on 2-3/8" tbg caught fish, PU on pkr, 1st & turn pkr to the left 3/4 of a turn & unset, ran tbg & pkr back to 8555', broke circ w/68 bbls & washed to TD (0.8590', lost total 158 bbls, found 30-35' of fill (frac sand, frac balls & some pieces of metal & cmt), POH, LD jars, DC, bumper sub, overshot & Baker retrievable-Matic pkr, ran 2 jts tailpipe, Baker A-3 LOK-Set pkr, SN on 2-3/8" tbg, swung tailpipe (0.8381-83', pkr (0.8315.28', KBM, set w/10 points compression, removed BOP & landed tbg, released reverse unit, DC, overhsot, jars & bumper sub, BOP &Baker Ret-Matic pkr, load to recover 658 bbls, SDFN.
- 8/21/83 Ran swb to 2000', swb stopped, POH, ran paraffin knife to 4000', reran swb to
  2500', 3 trips, stopped, ran undersized cup & it stopped @ 2500', reran paraffin knife, couldn't get below 2500', pumped 20 bbls hot wir dn tbg, ran swb to 4500', okay, FL 3000' to 3500', swbd 4<sup>1</sup><sub>2</sub> hrs, recovered 75 BLW, small amt of gas, SDFD, 583 BUL.
- 8/22/83 Down Sunday.
- 8/23/83 FL 1500', -0- surface pressure, swbd 11 hrs, rec 116 bbls, had gas following swb in afternoon, fluid samples 98% wtr, lowered FL to 4000', ran swb to as low as 7000', 467 BUL.
- 8/24/83 Had 10 psi on 10/64" choke, making small volume of gas, ran swb, FL @ 1200', swbd level dn to 3000'-3500', cutting 96% wtr, had good gas blow, swbd 11 hrs, recovered 136 BF, 331 BUL, SD and left open on 10/64" choke.
- 8/25/83 15 PSI, FTP flowing small amt of gas, ran swb, FL @ 1500', swbd well & lowered fluid to 5500', recovered 165 BF @ 97% wtr in 11 hrs, had good gas blows w/swb pulls, 166 BUL, left well open on 16/64" choke, hauled 435 BW from tanks to pit.
- 8/26/83 120 psi on 16/64" choke, flowing gas, opened on 32/64" choke & well flowed 14 bbls & dled, ran swb, fluid was scattered up & dn hole & gas cut, swbg from SN, swbd 11<sup>1</sup>/<sub>2</sub> hrs & swb 143 bbls, for day total 57 bbls, 9 BUL, 80% wtr & 20% of1 from wellhead samples, caught sample for analysis, 5:30 PM, 8/25/83, SG 1.125 @ 71°F, ph 7.0, Fe faint, H<sub>2</sub>S -0-, hardness 24,000, Ca 7200, Mg 1458, N<sub>2</sub>&K 71,740, Res. .055 @ 71°F, SO<sub>4</sub> 1800, HCO<sub>4</sub> 464, C1 126,000, NaCl 207.270, Na 68,069, K 3671, oil 31.1% in sample, gravity 39 @ 60°F.
- 8/27/83 Well flowing on 16/34" choke w/ 50 psi to 200 psi, had flowed 41 bbls liquid overnight, flowed 59 BF in 7 hrs, during day, 16/64" choke w/50-200 psi FTP, cut 40% to 60% oil, RD and released pulling unit, left well flowing on 16/64" choke, hauled 173 BW from tks to pit, had 1225 BO & oil emulsion in 3 tanks, hauled in caliche to build tank pad and fire wall.
- 8/28/83 Flowing on 16/64" choke w/170 to 180 psi FTP, caught 2 wellhead samples, 50-55% oil, flowed 110 BF, 24 hrs, closed well in @ 3:30 PM, 8/28/83, had 1345 BF in 3 tanks, ran color kut & est. 300 BW.
- N 8/29/83 SI WO tank battery.
  - 🕨 8/30/83 SI WO tank battery.
    - 8/31/83 WO tank battery.