

GWDC MABLE HALE FEDERAL #1
EDDY COUNTY, NEW MEXICO

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AFE 225

- 8/11/83 Flowing on $\frac{1}{2}$ " choke w/ -0- to 150 psi FTP, made 341 bbls, 27 hrs, wellhead cuts 50-80% wtr, 109 BO +232 BW, from color cuts on frack tank, 345 BUL, caught wtr sample, 8/10/83, SG 1.179 @ 70°F, Ph 6.0, Fe faint, H₂S -0-, hardners 380,000, Ca 9200, Mg 3645, Na&K 79,517, Res. .048 @ 70°F, SO₄ 1700, HCO₃ 427, Cl 148,000, NaCl 243,460.
- 8/12/83 Flowing on $\frac{1}{2}$ " choke, FTP -0- to 150 psi, flowed 253 bbls, 24 hrs, wellhead cuts 60% oil, 234 BUL, pumped 300 bbl, wtr from tanks & pumped to pits, sampled fluid, 8/11/83, SG 1.15 @ 72°F, Ph 6.5, Fe fair, H₂S -0-, hardners 33,000, Ca 2400, Mg 7727, HCO₃ 61, Cl 140,000, NaCl 230,300, oil 38° @ 60°F.
- 8/13/83 FTP -0- psi on $\frac{1}{2}$ " choke at gauge time, produced 165 bbls fluid, 90 BO & 75 BW in 22 hrs, reset choke on $\frac{1}{4}$ ", took oil sample to Wolf Lab. in Odessa, Tx. for analysis.
- 8/14/83 FTP 240 psi, produced 82 BF, 57 BO, 25 BW on $\frac{1}{4}$ " choke, BUL 134, hauled 150 BW out of test tank.
- 8/15/83 FTP 240 psi on $\frac{1}{4}$ " choke, produced 72 BF, 50.40 BO, 21.60 BW, lack 112 bbls recover load, will test through meter today.
- 8/16/83 FTP 240 psi on $\frac{1}{4}$ " choke, produced 80 BF, 40 BO & 40 BW & BS, 72 BUL, started test @ 11 AM, for fluid & gas measurement.
- 8/17/83 Finished volume & rate test 24 hrs, total fluid produced 176.5 bbls, 113.5 BO, 63 BW, gas avg. 139 MCF/D, FTP 160 psi on 20/64" choke, Phillips witnessed test, they said they had a gas line 2 miles away, will turn test in as a potential, Phillips said gas indicated to be sweet, tried to unseat pkr, pulled 25 points over the weight of tbg, worked trying to get pkr loose w/no results, pumped 35 bbls wtr dn tbg to equalize, worked tbg & pkr again w/no results, called Baker, Baker man tried to unseat pkr without any success, Baker man thinks we have something on top of pkr, possible frac sand or metal.
- 8/18/83 SITP 400 psi, opened well up & flowed to frac tanks, when wireline truck went on to location road fell in at culvert, got out a backhoe & reprd road w/4 loads of caliche, got kill-truck on location, pumped 35 BFW containing 2% KCL dn tbg, RU wire truck & ran free-point, found tbg @ 8317', 20% free, 8310', 40-55%, 8300', 70%, backed off tbg (meas.) at 8294' & wire meas. of 8285', left 65.02' tbg above pkr w/collar looking up, POH w/wireline & RD, pulled 266 jts 2-3/8" tbg SDFD.
- 8/19/83 Ran notch wash shoe, 4 jts 4 $\frac{1}{2}$ " wash pipe (3-1/3/16" ID), 4, 3 $\frac{1}{2}$ " DC's & tbg to top of back off @ 8,294', RU reverse unit, broke circ w/150 bbls, recovered frac sand, gel, washed to top of pkr @ 8359', formation took total of 500 bbls fluid, pulled 120 jts tbg & SDFD. Oil analysis checked sweet w/gvty 39.15 @ 60°F.