GWDC MABLE HALE FEDERAL #1 EDDY COUNTY, NEW MEXICO



- 2/17/83 Disengauged tbg from pkr & circ dn csg w/55 bbls 2% KCL FW, lowered tbg & circ w/50 additional bbls, ran Otis slic line bailer, couldn't get to prong, released tbg again from pkr & pumped 35 bbls 2% KCL FW dn tbg, stung back into pkr, reran bailer & ran to prong, POH & ran catch assembly caught & retreived, RiH to RP, got onto plug, jarred on plug 2 hrs, couldn't pull plug, released from plug & ran bailer, rec heavy dark fluid w/lots or iron in suspension, ran back in hole & recaught plug, jarred on plug l hr, released plug, POH & SD.
- 2/18/83 Ran 1-3/4" hydraulic jars on Otis slick line, got on PXN plug, jarred 1½ hrs, jars stopped working, attempted to get off plug, couldn't, dropped cutter bar & cut line on top of rope socket, fished bar, swbd well dn to 4500', ran shear tool, jars & sinker bars & Otis locking mandrel, ran on sand line, fished Otis tools & plug, jars & ect, SD
- 2/19/83 SITP -0-, FL @ 2500', swbd to 11,500' by 1 PM, made 4 runs from 11,500', well kicked off flowing, had small gas flare, was recovering 1-2 bbls wtr per run, when well kicked off flowing, appears to be dry gas w/o wtr or condensate, samples @ 3 PM, S.G. 1.025, @ 79<sup>0</sup>, ph 6.5, Fe faint to strong, H<sub>2</sub>S -0-, hardners 8000, Ca 1200, Na & k 12512, SO<sub>4</sub> -0-, Res .33 @ 79 HCO<sub>3</sub> 549, CI 22,000, MaCl 39,900, closed well in.
- 2/20/83 SITP 2000 psi, 14<sup>1</sup>/<sub>2</sub> hrs opened well & blew dn, required <sup>1</sup>/<sub>2</sub> hr, ran swb 4 runs, well kicked off flowing gas, not making enough wtr to gauge, @ 2 PM set choke on 25/64" @ 3:00 FTP 45 psi @ 4:00 PM 45 psi, indicated gas rate 210 MCFD, left flowing overnight.
- 2/21/83 FTP 70 psi, 25/64" choke, made 2.28 BW, 17½ hrs, 300 MCFD, @ 8 AM, 2/21/83, FTP 100 psi on 25/64" choke, made 23.34 BW, 24 hrs, 400 MCFD, wtr sample caught 2/20/83, SG 1.035 @ 68°, ph 6.0, Ca 1080, SO<sub>4</sub> 150, CO<sub>3</sub> 488, Fe 500, Res. .113 @ 68° F, Cl<sub>2</sub> 43,000, NaCl 71,122.
- 2/22/83 Flowed & tested well, FTP 100 psi, 25/64" choke, 400 mcf/d, making wtr @ 1.6 BPH @ 8 AM, 2/22/83, FTP 90 psi.
- 2/23/83 FTP 90 psi, on 25/64" choke made 21.53 bbls wtr in past 24 hrs, 360 mcfpd gas rate, RU Otis & ran & set PXN plug @ 11,987', inside pkr, ran Otis prong & set in top of pkr, released tbg from Otis W. B. pkr & POH, ran Halliburton RBP & RTTS on 2-3/8" tbg, set plug @ 11,977' & dumped 4 gals sand on top of plug & SD.

