## GWDC MABLE HALE FEDERAL #1 EDDY COUNTY, NEW MEXICO

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- 5/24/83 Flowing on 12/64" choke w/40 psi FTP @ 7 AM, 42 mcf/d, opened to 3/4 & blew dn to pit, lifted tooll to  $1_2$  bbls oil & wtr, ran swb to 6000' w/liquid scattered from surface to 6000', continued swbg, pulling from pkr, well would have a fair blow after ea pull of swb, lasting for approx. 30", well kicked off flowing, set on 16/64" w/25 psi FTP, 59 mcf/d, reduced choke to 12/64" & had 50 psi FTP in 2 hrs, 52 mcf/d, left open on 12/64" choke to flow overnight, rec 12 BO & wtr, 259 BUL.
- 5/25/83 7:30 AM had 35 psi FTP on 12/64" choke, 40 mcf/d, blew well dn & ran swb, fluid # 2200' & scattered, from 7:30 to 10 AM swhd 15 bbls fluid & 10 AM to 12 PM swbd 2 bbls, 12 noon to 6:30 PM rec 3 bbls fluid, 20% oil & 80% wtr, swbg from pkr, gas would flow continuously but low vol., 239 BUL, left well flowing to pit overnight on 3/4" choke.
- Flowing only small vol of gas on 3/4" choke, T.S.T.M pressure, released Otis 5/26/83 Permalatch pkr, dumped 4 gals sand dn tbg & flushed w/some wtr, pulled tbg, got to within 28 jts of surface & hung up, worked free & finished pulling tbg, two springs missing from packing elements, balance of pkr okay, ran 2-3/8" tbg, opened to 11,032.76 KBM, rigged up Western Co., circ hole to load & circ off any oil and gas from csg, pumped 4 bbls FW & mixed & spotted 100 sx Class H cmt w/19# WR-2 retarder, w/fluid loss additive (51#) CF-9, & 19# AFS antifoam additive @ 16.0#/gal, followed w/l bbl FW & 37 bbls brine, left spotted from 11,033' to 10,084', pulled 40 jts tbg to 9794.36 KBM, closed BOP, started to squeeze perfs, displaced 8<sup>1</sup>/<sub>2</sub> bbls cmt, press @ 4000 psi, closed well in, press bled to 3600 psi in 30", repress w/12 bbl back to 4000 psi, held 15" & press dropped to 3800 psi, pumped 1 bbl more & press to 4500 psi, held 10" & lost 100 psi, held press an additonal 2 hrs, lost 300 psi, bled press off, got 3.9 bbls wtr back, pulled 58 jts tbg & SD, got 5.6 bbls cmt in formation, approx. 25 sx cmt.
- 5/27/83 25 psi on csg, blew dn, no volume, finished pulling tbg, W.O. tools 1½ hrs, ran 4-5/8" bit, new, sub & 4-3½" DC's on 2-3/8" N80 tbg, tagged cmt stringer @ 9519' & washed to 9642', ran bit to 10,267.12', tagged cmt & drld to 10,530.79" KBM, last jt drld in 30", cmt good & hard, SDFN.
- 5/28/83 Resumed drlg cmt @ 10,530', drld 501' cmt to 11,031', cmt good & hard, circ hole clean, tested squeeze to 3000 ps1, held 30" okay, displaced hole w/2% KC1 FW w/2 gals F.S. 2 per 1000 gals wtr, surfactant, RD & released unit & SD.
- 5/29/83 Down.

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- 5/30/83 Down.
- 5/31/83 Down.
- 6/1/83 Down, WO extension from Hale estate.