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

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6/11/83

- -0- psi FTP on <sup>1</sup>/<sub>4</sub>" choke, ran swb, FL @ 8000', very small amt of gas in wtr, swbd 3 hrs & rec 6 BW, 27 BWUL, attempted to release pkr w/o success, pumped 45 bbls 2% KCl FW dn tbg, worked to release pkr, called Otis service man & worked, finally pulled 39,000# above weight of string & came free, pulled out of hole, pkr was okay, ran 2-3/8" tbg open ended to 10,753', btm perf 10,728', SD
- 6/12/83 At 10,753', RU Western & loaded csg, required 7 bbls, circ dn csg w/55 bbls, pumped 4 bbls FW dn tbg & mixed & pumped 135 sx Class H cmt w/CF-9 fluid loss control, WR-2 retarder & AF-5 anti toamer, followed cmt w/2 bbls FW & then w/30 bbls KCL FW, SD w/vacuum on tbg, opened rams on BOP & flowed back 4-5 bbls wtr from annulus, pulled 48 jts tbg, 1486', to 9267', reloaded annulus w/5 bbls wtr, press tbg & annulus to 4000 psi, required 13<sup>3</sup> bbls, closed annulus, pumped 5 more bbls wtr dn tbg, pressuring to 4000 psi as press bled dn, when total time of 1-3/4 hrs from mixing cmt had elapsed, opened tbg and bled off press, attempted to PU on tbg & it was stuck, attempted to pump dn tbg and ther annulus, couldn't move tbg, RD Western & RU Ryco wireline, ran free point, tbg was free dn to 8245', ran to 9200' inside tbg, cut tbg @ 8190', POH w/wireline, RD Ryco, pulled 11 stds of tbg & SD.

6/13/83 6/14/83

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- Pulled balance of tbg & cut off, ran 4" OD shoe w/3-5/16" ID, 3.49' long, shoe dressed w/cutrite on btm dressed to 4-5/8" OD & very little inside, ran 4 jts, 4" wash pipe 3-5/16" ID (total length on wash pipe 115.09'), 4, 3½" DC's on 2-3/8" N-80 tbg, got over top of tbg stub @ 8,191.56' KBM @ 12:30 PM, millec  $6^{l_2}$  hrs, milled over 91' @ 8,282.93', mill quit making hole, pulled tbg & millir tools, cutrite on btm of shoe gone & shoe was cracked in 3-4 places, rec all of shoe, SD @ 9:40 PM.
- 6/15/83 Ran overhoot w/2-3/8" grapple w/5' extension on 2-3/8" N80 tbg, caught fish, pulled 10 points over weight of tbg, RU Ryco wireline to back of fish, pulled 15 points over string weight & torqued to right, lost the weight, tried to get back over fish w/o success, pulled tbg & rec top cut of tbg jt, 1 full jt and piece of 3rd jt 7.4' long, lower piece was twisted, recovery 55.4', top of fish @ 8246.96', ran a new  $4-5/8" \ge 3-5/16"$  cutrite mill on 4 jts, 4" wash pipe & 4,  $3^{l_2}"$  DC's, tagged top of fish, took 20" to wash over top, milled  $2^{l_2}$  hrs, made 9', to 8256', lacking 27' getting back to previous washover depth @ 8283', SD.
- 6/16/83 Resumed washing over @ 8273', got back to 8283' & cut 2 more feet to 8285' in 2<sup>1</sup>/<sub>2</sub> hrs, POH w/tools & LD 4" wash pipe & shoe, shoe was worn out, ran overshot w/2-3/8" grapple on 2-3/8" tbg, caught fish, pulled 15,000# over weight, RU Ryco wireline & ran chemical cutter, couldn't get cutter past overshot, POH w/cutter, RU string shot & ran to 8270' and made back off, pulled 1 jt of tbg, closed well in & SD.