J.C. RYAN & C.C. MALONEY-HALE FEDERAL #1 NEW MEXICO EDDY COUNTY,



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- 1/4/83 -0- ft, 3rd TIH, fishing. Day 30, oper. TIH, tishing w/magnet for cones, 11,024'.
- Day 31, dr1g, 11,135', 11024'-11,136' made 112' in 12-3/4 hrs, 1ime, shale 1/5/83 and chert, bit #9 7-7/8" Hughes J-55, 40m 1bs WOB, MW 9/6 brine, Visc. 28, ph 9.5.
- Day 32, drlg, 11,136-11,382', 246', 23-3/4 hrs, lime and shale, 9.4+ 1bs 1/6/83 brine, Visc. 28, ph 10.
- Day 33, drlg, 11,382'-11,608', 226' in 22-3/4 hrs, lime and shale, MW 9.6, 1/7/83 Visc. 33, FL 6, FC film, ph 10.5. Mudded up at 11,400', drlg at 7'/hr.
- Day 34, drlg, 11,641', 11,608-11,641', 33' in 3-3/4 hrs, lime, dev @ 11,617' 1/8/83 1¹⁰₂, MW 9.6+, Visc. 33, F/L 6.6, cake is film, ph 10.5, Chls 145m, bit #10 7-7/8" Smith F57 in (4/11,608', WOB 40m lbs.
- Day 35, TOH for DST #4, 11,641'-11,801', 160' in 19 hrs, lime and sand, 1/9/83 bit #10, MW 9.6+, Visc. 34, F/L 5.6, cake is film, ph 10.5, chls. 145m,
- 1/10/83 Day 36, prep to come out of hole w/test tool, MW 9.6+, Visc. 34, F/L 5.6, cake is film, ph 10.5, ch1s 145m.
- Day 37, drlg, 11,801'-11,867', 66' in 8-3/4 hrs, bit #10, MW 9.6+, Visc. 34, 1/11/83 F/L 5.6, cake is film, ph 10.5, chls 145m.

DST #4 results: 11,707'-11,801', GTS 25", Flow 291,000,CFGPD on ½" choke, 183#, FSP, rec in special chamber 600 cc's of distillate, 1.876 CFG, press

- Day 38, TOOH for DST #5, drlg from 11,867-12,001'. MW 9.7, Visc. 34, FL 4.5, 1/12/83 cake film, ph 10.5.
- Day 39, TOOH for DST #5, rerun, trip 15 hrs, MW 9.8, Visc. 33, FL 3.6, cake fil 1/13/83 ph 10.5, chls 160m, yield 4, PV 6, gels ratio 2-3, solids trace. 5 bbls gain when they got to btms up.
- Day 40, drlg at 12,022', 12,001-12,022 made 21 feet in $2\frac{1}{2}$ hrs, trip 15 hrs, 1/14/83 other 6½ hrs, shale and sand, bit #10 7-7/8" Smith F57, WOB 40m 1bs, 45 rpm, MW 9.7, Visc. 33, FL 3.2, cake film, ph 10.





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