

CWDC MABLE HALE FEDERAL #1
EDDY COUNTY, NEW MEXICO

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AFE 225

4/28/83 Flowing on 32/64" choke w/25 psi FTP, 250 mcf/d, made 12 BW in 24 hrs.

4/29/83 FTP 29 psi on 32/64" choke, made 8.16 BF in 24 hrs, gas rate 280 mcf/d, opened well to 3/4" choke & press dropped to 20 psi, gas rate 500 mcf/d.

4/30/83 FTP 15 psi on 3/4" choke, 7 BF in 24 hrs, gas rate 402 mcf/d, wtr sample analyses: taken 4/29/83, spec gvty 1.027 @ 74°F, PH 7, iron good to strong, hydrogen sulfide, none, hardness, 7,000, cal 2,080, magnesium 437 PPM, sodium potassium 13,697 PPM, resistivity 1.16 PPM @ 74°F, sulfates 570 PPM, bicarbonates, 1,464 PPM, chls 24,800 PPM, sod Chloride 40,796 PPM, 4.8% of sample was condensate, no KCL wtr. showed up in sample.

5/1/83 Well was flowing on 16 psi on 3/4" choke, produced 7 BF in 24 hrs, SWI @ 10 AM, 4/30/83, SI pressure as of 7 AM, 2,050 psi (21 hrs), 420 mcf/d.

5/2/83 No report, well is SI building up pressure.

5/3/83 2450 psi, SITP @ 9:30 AM, 47½ hrs SI, opened well to flow on 3/4" choke, had FTP 50 psi in 1 hr, made large wtr spray during 1st hr, @ 6:30 FTP 20 psi on 3/4" choke, 500 mcf/d, made 16.90 BW, 19 hrs, prep to run a SI BHP.

5/4/83 FTP 20 psi on 3/4" choke, made 16.90 BW in 19 hrs, trace cond., 500 mcf, ran 180 hr clock on press bomb to 11,770', set @ 2:30 PM, 5/3/83, closed well in for btm hole press buildup.

5/5/83 2:30 PM, SITP 1750 psi, 24 hrs.

5/6/83 @ 2:30 PM, 1900 psi SITP, 48 hrs.

5/7/83 SITP 1950 psi, 72 hrs, @ 2:30 PM, 5/6/83.

5/8/83 Changed press gauge, press @ 11:30 AM, 5/7/83, 2700 psi, SITP.

5/9/83 SITP 2825 @ 7 PM, 5/8/83, 112½ hrs.

5/10/83 139 hrs SITP 2975 psi, @ 9:30 AM, 5/9/83.

5/11/83 SITP 3050 psi, 166½ hrs @ 12 noon, 5/10/83.

5/12/83 Pulled BHP bomb, max BHP 4453.2 psi a, press was still bldg @ 14 psi/5 hrs, 186 hrs & 10", surface press @ 4:00 prox, after bomb was pulled was 3050 psig.

5/13/83 Prep to run BHP bomb for further buildup.