

R. J. BYERS WELL #1
Lea County, New Mexico

Core No. 1, 4890' to 4940', recovered 36", 62%, August 16, 1960.

DST No. 1, 6376' to 6490', tool open 1 hr with weak blow air and died in 15 minutes. Recovered 260' gas, 15' dead oil, and 265' drilling mud. 30 MTSI - 2450, IF - 145, HI - 3065, 30 MFSI - 2225, FF - 215, HO - 3045. Job complete 6:00 PM August 27, 1960.

DST No. 2, 7921' to 8118', tool open 1 hr, no gas or fluid to surface, recovered 120' drilling mud, no show oil, gas, or water. 30 MTSI - 400, 30 MFSI - 140, HI & HO - 3765, IF & FF - 125. Job complete 5:00 AM September 7, 1960.

DST No. 3, 8344' to 8382', tool open 3 hrs with good blow thruout test. No gas or fluid to surface. Recovered 3960' HO&GCDM plus 180' sulphur water. 30 MTSIP - 3190, 30 MFSIP - 3065, IF - 1485, FF - 1985, HI & HO - 4025, Job complete 7:00 PM, September 9, 1960.

Perforate 5-1/2" O.D. casing with 2 jet shots per ft from 8348' to 8354'. Acidize with 500 gals LST NEA. Squeeze perforations with 50 sx Trinity Inferno. Perforate 5-1/2" O.D. casing with 2 jet shots per ft. Acidize with 500 gals LST NEA, re-acidize with 1000 gals LST NEA. Squeeze perforations with 75 sx. Perforate 5-1/2" O.D. Casing with 2 jet shots per ft from 8156' to 8162', 8170' to 8174', 8206' to 8224', and 8264' to 8272'. Acidize with 500 gals 15% LST NEA, re-acidize with 1000 gals 15% LST NEA, swab dry, re-acidize with 5000 gals 15% LST NEA. Swab dry. Frac with 15,000 gals refined oil and 22,500 lbs sand. Perforate 5-1/2" O.D. Casing with 4 jet shots per ft from 8030' to 8042', 8046' to 8050', 8070' to 8086', and 8100' to 8118'. Acidize with 4000 gals LST NEA. Frac with 10,000 gals refined oil and 15,000 lbs sand at 11.5 BPM. Swab well. Perforate 5-1/2" casing with 2 jet shots per ft 6452' to 6472'. Acidize with 500 gals LST NEA. Re-acidize with 1000 gals LST NEA, re-acidize with 5000 gals LST NEA. Squeeze 6452' to 6472' with 300 sx regular cement and 50 lbs walnut hulls. Perforate 5-1/2" casing with 4 jet shots per ft: 6416' to 6422' and 6424' to 6430'. Acidize with 500 gals LST NEA, re-acidize with 1000 gals LST NEA, swab well, re-acidize with 5000 gals LST NEA. Install pump equipment and test.