

State of New Mexico "AA" NCT-4 Well No. 1

Spudded 15" Hole 5:00 P. M. April 15, 1964. Ran 337' of 11 3/4" O. D. Casing and cemented at 350' with 300 Sx. regular neat with 2% CACL. Plug at 320'. Cement Circulated. Tested for 30 minutes with 600 P. S. I. before and after drilling plug. Tested O. K. Job complete 6:30 P. M. April 16, 1964.

Ran 3313' of 8 5/8" O. D. Casing and cemented at 3325' with 1500 Sx. Pozmix 8% gel, plus 150 Sx. regular neat. Plug at 3293'. Tested before and after drilling plug for 30 minutes with 1200 P. S. I. Tested O. K. Job complete 6:30 P. M. April 21, 1964.

Ran 9065' of 2 7/8" O. D. Casing and cemented at 9076' with 500 Sx. Class "C" 8% gel with FRA, plus 800 Sx. Class "C" 8% gel, and 300 Sx. Class "C" 4% gel, with 400 gals acetic acid. Plug at 9069'. Tested with 1500 P. S. I. for 30 minutes. Tested O. K. Job complete 6:30 P. M. May 18, 1964.

Perforate 2 7/8" O. D. Casing with one jet shot at 9001', 9002', 9007', 9008', 9026', 9027', 9033', 9034', 9051', 9052'. Acidize with 500 gals acetic acid. Swab well. Re-acidize with 1000 gals LSTNE with 3 ball sealers. Swab well. Re-acidize with 3000 gals LSTNE. Swab well. Dump 8' hydromite plug.

Perforate 2 7/8" O. D. Casing with one jet shot at 8864', 8865', 8868', 8869', 8881', 8882', 8897', 8898', 8904', 8905', 8920', 8921', 8944', 8945'. Acidize with 500 gals LSTNE. Swab well. Re-acidize with seven 1000 gals stages, LSTNE, with two ball sealers between stages. Swab well. Re-acidize with 10,000 gals LSTNE and 3000 gals gelled brine water. Swab well.

Perforate 2 7/8" O. D. Casing with two jet shots per foot from 9050' to 9054'. Acidize with 3000 gals LSTNE. Swab well.

SHUT WELL IN - TO BE HELD FOR SWD.