

State of New Mexico "M" Well No. 6

Spudded 15" Hole 3:00 P. M. March 16, 1964. Ran 1538' of 11 3/4" O. D. Casing and cemented at 1550' with 800 Sx. Class "C" 4% gel, plus 250 Sx. Class "C" regular neat. Plug at 1520'. Cement Circulated. Tested before and after drilling plug for 30 minutes with 600 P. S. I. Tested O. K. Job complete 11:00 A. M. March 29, 1964.

D. S. T. No. 1 - From 2800' to 2975', Failure.

Ran 3387' of 8 5/8" O. D. Casing and cemented at 3400' with 200 Sx. Class "C" 8% gel, plus 150 Sx. Class "C" regular neat. Plug at 3365'. Tested before and after drilling plug for 30 minutes with 1000 P. S. I. Tested O. K. Job complete 4:30 P. M. April 5, 1964.

Ran 3440' of 4 1/2" O. D. Casing (Liner), hung in 8 5/8" O. D. Casing at 3357', and cemented at 6797' with 400 Sx. Class "C" 8% gel, plus 550 Sx Class "C" 2% gel. Top of cement by Temperature survey, 3820'. Tested top and bottom of liner for 30 minutes with 1500 P. S. I. Tested O. K. Job complete 5:30 P. M. April 29, 1964.

Perforate 4 1/2" Liner with one jet shot per interval at 5954', 5956', 5958', 5960', 5964'. Acidize with 500 gals LSTNE. Swab well. Re-acidize with 2000 gals LSTNE. Swab well. Swab Dry.

Perforate 4 1/2" Liner with one jet shot at 5987', 5989', 5999', 6009', 6014', 6026', and 6028'. Acidize with 1000 Gals LST NE acid. Swab well. Re-acidize with 1000 gals LST NE acid. While swabbing load, detected casing failure. Casing found to be parted at 2483'. Extensive effort was made to re-enter 8 5/8" O. D. Casing, and to mill into side of casing were unsuccessful. Current total depth beside casing is 2600'. We propose to plug and abandon well by setting plugs across the top of damaged 8 5/8" Casing, at base of surface casing, and surface plug.

Recover 2483' of 8 5/8" O. D. Casing.

Spot 25 Sx Cement plug at 2600'.
Spot 200 Sx Cement plug at 2500'.
Spot 125 Sx Cement plug at 1400' to 1700'.
Spot surface plug from 0' to 100'.

After New Mexico Oil Conservation Commission approval, location will be cleaned for inspection, install 4" marker extending 4' above the ground level, plug and abandon to begin as soon as possible.