

L. R. MANNING FEDERAL "B" NO. 7

RECEIVED
OCT 14 1963
U. S. GEOLOGICAL SURVEY
ARTESIA NEW MEXICO

Spudded 9-7/8" hole 11:59 P.M. 9-12-63.

Ran 544' of 7" O.D. casing and set at 556'. Cemented with 350 sacks of Class "C" 4% Gel plus 100 sacks of regular neat. Plug at 530'. Job complete 6:30 P.M. 9-13-63. Cement circulated. Tested 7" O.D. casing with 600 psi for 30 minutes before and after drilling plug. Tested OK. Job complete 6:30 P.M. 9-14-63.

Ran 3339' of 4-1/2" O.D. casing and set at 3350'. Cement with 350 sacks of Class "C" with 10% salt. Plug at 3326'. Job complete 7:45 P.M. 9-21-63. Tested 4-1/2" O.D. casing for 30 minutes with 1000 psi before and after drilling plug. Tested OK. Job complete 7 P.M. 9-22-63.

Ran Gamma Sonic Logs 9-20-63.

Ran 3339' of 4-1/2" casing and perforated with 1 jet shot per interval 3220', 3191', 3176', 2887', 2879', 2674', 2669'. Acidize with 3500 gallons of LSTNE acid in 7 stages with ball sealer per stage. Frac with 30,000 gallons of refined oil with 1-1/2 lbs. of sand per gallon with 480 cubic feet per barrel of CO₂ with 600 lbs. of Adomite added to refined oil. Use 55 gallons of Control Flow mix in 10 barrels of lease crude between acidizing and fracturing. On 24 hour potential test ending 12:15 P.M. October 1, 1963, well flowed 396 barrels of oil and no water through a 48/64" choke.

Gravity	33.3
GOR	210
Top of Pay	2669
Bottom of Pay	3220
TEXACO Inc. Date	10-1-63
USGS Date	9-21-63