

WELL: Soto1 Federal No. 1
Eddy County, New Mexico

OPERATOR: Bettis, Boyle & Stovall

2/17/87 - Continued

and wash to bottom, 2½ hours circulate and mix sweep. Mixed 120 sxs gel, 40 sxs paper, 8 sxs coustic

Daily Well Cost: \$ 5,885.00
Cumulative Well Cost: \$81,866.00

2/18/87
Consultant: Joe Holten

Report for 24 hours ending at 6:00 A.M. 2/18/87
Depth: 14,121' - 0' Progress - 10 Days
P.O.: Logging with Dresser
Operations in Sequence: Finished mixing and circulating mud sweep. TOH. Rig up loggers and repair logging unit and logging well at report time. NOTE: 311 jts, 12,510' of 5½" - 23# casing and 51 jts., 2,210' of 5" FJ 20.8# casing delivered to location at 4:00 A.M. 2/18/87. Mud Wt. 10.0# Brine, 29 Viscosity
Time: 3 hours circulate, 14 hours logging, 4½ hours trip out, 2-¾ hours rig up loggers and repair logging unit

Daily Well Cost: \$ 5,743.00
Cumulative Well Cost: \$87,609.00

2/19/87
Consultant: Joe Holten

Report for 24 hours ending at 6:00 A.M. 2/19/87
Depth: 14,200' - 79' Progress - 11 Days
P.O.: Running 5" casing
Operations in Sequence: Loggers unable to get into top of 7-5/8" liner. Rig down loggers, TIH with drill string. Work thru liner at 12,323', no problem. Wash to bottom and tag something at 14,200'. Circulate hole clean and circulate off gas - 15 bbls. gain - small flare 10'-15'. TOH, laying down drill pipe. Change out 5½" rams, take off rotary head. Rig up casing crew and start running casing at report time.

Daily Well Cost: \$ 4,685.00
Cumulative Well Cost: \$92,294.00