

DAILY DRILLING REPORTS

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

OPERATOR: Bettis, Boyle & Stovall

2/15/87 - Continued

Operations in Sequence: Trip for new Mill #2, Circulate off gas thru choke 15-20' flare, Wash 3 joints drill pipe to bottom. Drilling on plug - made 2' on plug and took 40 bbl. gain in pits. Circulate off gas thru choke - 30' flare. Drilling on plug at report time. Flowing gas now - 5-10' flare. 13 hours trip, 3-3/4 hours circulate off gas, 2 hours wash to bottom, 5 1/4 hours drilling on plug.

Daily Well Cost: \$ 5,885.00
Cumulative Well Cost: \$70,096.00

2/16/87

Consultant: Joe Holten

Report for 24 hours ending at 6:00 A.M.
2/16/87.

Depth: 13,695' - 1' Progress - 8 Days
P.O.: TIH with 6" Mill #3, 6" Mill #2 in at 13,691', out at 13,694' - 3' in 12 hours.
5 - 12,000#/52 RPM, 1,000/1,200 psi and 44 - 6" x 16" SPM, MW 10# Brine, 29 Viscosity
Operations in Sequence: Drilling on BP and junk, TOH and pump 44 joints out of hole in 7-5/8" liner - real tight. Got out of 7-5/8" liner and circulate off gas and P.U. 44 joints drill pipe. Finish TOH. P.U. 6" Mill #3 and TIH at report time. 6-3/4 hours drilling on plug, 5 1/4 hours pump 44 joints out of liner, 1 1/2 hours P.U. 44 joints drill pipe, 2 hour circulate off gas, 8 1/2 hours trip.

Daily Well Cost: \$ 5,885.00
Cumulative Well Cost: \$75,981.00

2/17/87

Consultant: Joe Holten

Report for 24 hours ending at 6:00 A.M. 2/17/87
Depth: 14,121' - 426' Progress - 9 Days
P.O.: Circulating at T.D. and mixing mud sweep.
Mill #3 - 6" Flat Bottom - in at 13,695' - 426' / 15-3/4 hours - 5 - 15,000#/55 RPM, 1600 psi / 48 - 6" x 16" SPM. MW 10# Brine, 29 Viscosity
Operations in Sequence: Wash to bottom with Mill #3, Drilling on junk and plug at 11:00 P.M. 2/16/87. Plug started going down hole. Wash plug to T.D. at 3:45 A.M. 2/17/87. Circulate on bottom at report time. 1 1/2 hours wash to bottom, 15-3/4 hours drilling on plug and junk, 4-3/4 hours P.U. drill pipe