

DAILY DRILLING REPORTS

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

OPERATOR: Bettis, Boyle & Stovall

2/6/87
Consultant: Joe Holten

Trip from Midland to Carlsbad, New Mexico. Arrive in Carlsbad in P.M. Trip to location. Parts of McVay Rig #7 on location. Return to Carlsbad and check into Stevens Motel for night.

2/7/87
Consultant: Joe Holten

Moving in and rigging up rotary tools McVay #7.

2/8/87
Consultant: Joe Holten

Rig up rotary tools McVay #7.

2/9/87
Consultant: Joe Holten

Report for 24 hours ending at 6:00 A.M.
2/9/87. 4,423'-4,423' - 1 Day
P.O.: TOH for new bit. Finished rigging up. Test blind rams to 2,000#/30 minutes - okay. P.U. 10 - 6 $\frac{1}{2}$ " drill collars with bit sub and 11" Rerun J-33 with 3-11's. P.U. 2 joints drill pipe. Test pipe rams to 2,000#/15 minutes - okay. Test Hydrill to 1500 PSI/15 minutes - okay. P.U. drill pipe - tag cement plug at 585' - Install Rotary Head rubber drilling cement. Plug 585' to 830' P.U. 4 $\frac{1}{2}$ " drill pipe. Drilling cement Plug #2 from 4,290' to 4,423'. Circulate hole clean. Pressure up 13-3/8" casing and wellhead to 2,000#/15 minutes - okay. TOH for 7-7/8" Bit at report time. 50/60 RPM - 10,000-20,000# Bit Weight. 35-40 SPM - 6" x 16" Strokes - 10.0# BW, Viscosity 29

Daily Well Cost: \$26,533.00
Cumulative Well Cost: \$26,533.00

2/10/87
Consultant: Joe Holten

Report for 24 hours ending at 6:00 A.M.
2/10/87. 11,383' - 6,960' Progress - 2 Days
P.O.: Circulating off gas thru choke. Finish trip for Bit #2 - 7-7/8" Reed Mill Tooth FP31G, SN T60078 with 3-12'3. Drilling cement plug 4,423'-4,470' - P.U. drill pipe. Trip to 7,575' Drilling cement Plug #3 from 7,575' to 7,800' (225'). Run 10 joints drill pipe. Tag CiBP at 8,086'. Mill on BP. Broke up plug and started making gas. Took 30 bbl. gain. Circulate well thru choke. Circulate off gas. Took second