

DAILY DRILLING REPORTS

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

OPERATOR: Bettis, Boyle & Stovall

2/10/87 - Continued

gain in pits of 50 bbls. Circulate off gas for 3½ hours - 20'-40' flare. Bled well down. P.U. 105 joints drill pipe. Tag plug at 11,383' - took 50 bbl. gain. Circulate off gas thru choke at report time.

Daily Well Cost: \$11,840.00
Cumulative Well Cost: \$38,373.00

2/11/87
Consultant: Joe Holten

Report for 24 hours ending at 6:00 A.M.
2/11/87. 12,220' - 837' Progress - 3 Days
P.O.: Installing Rotary Head. Bit #3 HTC 6-1/8" R7 with 3-18's in at 12,220' - 2 - 3,000#/38-40 RPM, 1500 psi/42 - 6" x 16" SPM. Bit #2 in at 4,423', out at 12,220' - 7,797' - 2½" at 12,220'
Operations in Sequence: Circulate off gas thru choke, drilling cement and plugs. P.U. drill pipe. TOH and strap out (12,220'). Lay down 10 - 6½" drill collars, P.U. 15 - 4-3/4" drill collars (Wt. 15,000#). Lay down 90 joints - 4½" drill pipe, P.U. 77 joints 3½" drill pipe. Installing RH rubber at report time.

Daily Well Cost: \$ 4,805.00
Cumulative Well Cost: \$43,178.00

2/12/87
Consultant: Joe Holten

Report for 24 hours ending at 6:00 A.M.
2/12/87. 12,315' - 95' Progress - 4 Days
P.O.: Trip for N.B. Bit #3 HTC 6-1/8" R-7 with 3-18's in at 12,220', out at 12,315' - 95' in 16 hours. T4, B-4 - Pinched 1/2" out and locked up. Bit #4 HTC 6-1/8" R7 with 3-18's in at 12,315' - SNJW119, SNMT49S. 4 - 10,000#/36 RPM, 1500#/44 - 6" x 16" SPM, MW 10.0# Brine
Operations in Sequence: Drilling cement from 12,220'. Break thru CiBP at 12,220'. Circulate and jet shale pit. Drilling to 12,282'. Took 30 bbl. gain. Circulate off gas thru choke. Drilling on junk and in top of 7-5/8" liner. Drilling in liner and no progress. Trip for N.B. at report time. Strap out of hole. No correction.

Daily Well Cost: \$ 7,510.00
Cumulative Well Cost: \$50,688.00