

DAILY DRILLING REPORTS

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

OPERATOR: Bettis, Boyle & Stovall

2/20/87

Consultant: Joe Holten

Report for 24 hours ending at 6:00 A.M.

2/20/87

Depth: 14,210' - 10' Progress - 12 Days

P.O.: Rigging down rotary tools.

Operations in Sequence: Finished running 5" and 5½" casing. Washed casing to bottom of 14,210'. Ran 351 joints - 14,210' (51 jts. of 5": F.J. Hydrill Super "P" (P110 20.8#) = 2,194.98' and 300 jts. 12,015.03' of 5½" 23# P-110 8rd LT&C casing) Set at 14,210' with 700 sxs Class "C" with 6/10 of 1% Halad 22A, 5/10 of 1% CFR-2 and 5#/sx of KCL. Full circulation thru out job. Plug did not bump. Pumped 2 bbls over displacement and shut down pump. Pressure 2,700 psi - Bled off and floats held. Raised BOP Stack, set slips, clean pits. Plug down at 8:45 P.M. 2/19/87. Rig released at 5:00 A.M. 2/20/87.

Daily Well Cost: \$ 4,685.00

Cumulative Well Cost: \$96,979.00

2/23/87

Consultant: Joe Holten

Report for work done 2/22/87

Depth: 14,210' - Day 1 of Completion

Rig up Welex to run GR, Collar and Bond Log at 1:30 P.M. 2/22/87. Tool would not go below 12,300'. TOH and rig down Welex and SDFN at 5:00 P.M.

2/24/87

Consultant: Joe Holten

Report for 24 hours ending at 6:00 A.M. 2/24/87 (for work done 2/23/87) 14,126' PBTD - Day 2 of Completion. Unload tubing work string. P.U. 3-7/8" Varel Bit, 2 - 3-1/8" drill collars and d454 joints 2-7/8" tubing. Tag cement inside casing at 14,120'. Shut down for night at 6:00 P.M.

NOTE: Rig up Monument Well Service rig on Saturday.

2/25/87

Consultant: Joe Holten

Report for work done 2/24/87

Depth: 14,210' - Day 3 of Completion

Drilling float collar and shoe joints. Washed down to float collar at 14,210'. Circulated hole clean. TOH. Rig up Welex. Ran Dual Spaced Neutron Log. Ran Microseismogram, GR and Collar Log - WLTD 14,201'. TOH with logging tools.