

Sotol Federal No. 6

Nabors Rig 142 spudded 14-3/4" hole at 4:00 a.m. 4/09/96.

Surface

TD 14-3/4" hole at 580' at 5:45 p.m. 4/09/96.

Ran 11-3/4" 42# WC40 STC surface casing and set at 580'.
Centralized every other joint to surface.

Dowell cemented with:

Lead - 220 sx Class "C" with 4% gel, 2% CaCl₂, and 1/4# FC
(13.5 ppg, 1.74 ft³/sx)

Tail - 200 sx Class "C" with 2% CaCl₂ and 1/4# FC
(14.8 ppg, 1.34 ft³/sx)

Circulated 160 sx cement to pit.

Bumped plug at 10:30 p.m. 4/09/96.

Install wellhead. NU BOP and manifold.

Test BOP and casing to 1000 psi from 2:30-3:00 p.m. 4/10/95.

WOC time prior to pressure test: 16 hrs.

Intermediate

Drill out from under surface casing at 8:30 p.m. 4/10/96.

TD 11" hole at 4475' at 10:45 p.m. 4/14/96.

Ran 8-5/8" 23# M50 STC casing and set at 4466'.

Centralized the bottom 3 joints.

Dowell cemented with:

Lead - 1100 sx 35/65 Poz "C" with 6% gel, 5% salt, 1/4# FC
(12.4 ppg, 2.14 ft³/sx)

Tail - 200 sx Class "H" with 2% CaCl₂
(15.6 ppg, 1.20 ft³/sx)

Did not circulate.

Bumped plug at 11:45 a.m. 4/14/96.

Ran Temp Survey after 6 hrs WOC - TOC at 930'.

Shot 2 squeeze holes at 890'. Could not circ thru sqz holes.

Rerun temp survey, TOC at 800'.