

Sotol Federal No. 3

Sec 1, T24S, R31E
Eddy Co, New Mexico

Exeter Rig 66 spudded 14-3/4" hole at 10:00 p.m. 9/18/95.

Surface Casing

TD 14-3/4" hole at 872' at 1:30 a.m. 9/20/95.

Ran 11-3/4" surface casing and set at 872'.
Centralized the bottom 3 joints and every 4th joint to surface.

BJ cemented with:

Lead - 390 sx Class "C" with 4% gel and 2% CaCl₂
(13.5 ppg, 1.74 ft³/sx)

Tail - 200 sx Class "C" with 2% CaCl₂
(14.8 ppg, 1.34 ft³/sx)

Circulated 109 sx cement to pit.

Bumped plug at 8:30 a.m. 9/21/95.

Install wellhead. NU BOP and manifold.

Test BOP and casing to 500 psi from 6:30-7:00 a.m. 9/21/95.

Intermediate Casing

TD 11" hole at 4400' at 1:15 a.m. 9/26/95.

Ran 8-5/8" casing and set at 4400'.
Centralized the bottom 3 joints.

BJ cemented with:

Lead - 1270 sx 35/65 Poz "C" with 6% gel, 5% salt, 1/4# FC
(12.3 ppg, 2.14 ft³/sx)

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

Circulated 262 sx cement to pit.

Bumped plug at 3:00 p.m. 9/27/95.

Install wellhead. NU BOP.

Test BOP and casing to 1000 psi from 6:45-7:15 a.m. 9/27/95.