

Sotol Federal No. 5

Sec 1, T24S, R31E

Eddy Co, New Mexico

Exeter Rig 66 spudded 14-3/4" hole at 3:30 p.m. 10/07/95.

Surface Casing

TD 14-3/4" hole at 857' at 5:30 p.m. 10/08/95.

Ran 11-3/4" surface casing and set at 857'.

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 200 sx cement to pit.

Bumped plug at 7:30 a.m. 10/09/95.

Install wellhead. NU BOP and manifold.

Test BOP and casing to 500 psi from 3:30-4:30 a.m. 10/10/95.

Intermediate Casing

TD 11" hole at 4450' at 8:45 a.m. 10/14/95.

Ran 8-5/8" casing and set at 4450'.

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 200 sx cement to pit.

Bumped plug at 9:15 p.m. 10/14/95.

Install wellhead. NU BOP.

Test BOP and casing to 1000 psi from 8:45-9:15 p.m. 10/15/95.