

**Sotol "A" Federal No. 3**

Sec 12, T24S, R31E  
Eddy Co, New Mexico

Exeter Rig 66 spudded 14-3/4" hole at 5:30 p.m. 10/24/95.

**Surface Casing**

TD 14-3/4" hole at 826' at 1:00 p.m. 10/25/95.

Ran 11-3/4" surface casing and set at 826'.  
Centralized the bottom 3 joints and every 4th joint to surface.

BJ cemented with:

Lead - 390 sx Class "C" with 4% gel and 2% CaCl<sub>2</sub>  
(13.5 ppg, 1.74 ft<sup>3</sup>/sx)

Tail - 200 sx Class "C" with 2% CaCl<sub>2</sub>  
(14.8 ppg, 1.34 ft<sup>3</sup>/sx)

Circulated 114 sx cement to pit.

Bumped plug at 6:45 p.m. 10/25/95.

A representative from the BLM in Carlsbad witnessed the cement job.

Install wellhead. NU BOP and manifold.

Test BOP and casing to 500 psi from 11:30 a.m.-12:00 p.m.  
10/26/95.

**Intermediate Casing**

TD 11" hole at 4450' at 10:30 p.m. 10/30/95.

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

Centralized the bottom 3 joints.

BJ cemented with:

Lead - 1170 sx 35/65 Poz "C" with 6% gel, 5% salt, 1/4# FC  
(12.4 ppg, 2.14 ft<sup>3</sup>/sx)

Tail - 200 sx Class "H" with 2% CaCl<sub>2</sub>  
(15.6 ppg, 1.19 ft<sup>3</sup>/sx)

Circulated 241 sx cement to pit.

Bumped plug at 11:30 a.m. 10/31/95.

Cement job was witnessed by Mr. Don Early with the BLM-Carlsbad.  
Install wellhead. NU BOP.