

Sotol Federal No. 3

Production Casing

TD 7-7/8" hole at 8600' at 1:45 a.m. 10/11/95.

Ran 5-1/2" casing and set at 8600'. DV tool at 6525'.
Centralized the bottom 3 joints and every other joint across pay intervals.

BJ cemented with:

1st Stage:

Lead - 720 sx 50/50 Poz H with 2% gel, 5% salt, 1/4# FC
(14.3 ppg, 1.35 ft3/sx)
Circulated 116 sx cement to pit.
Circulated 6 hrs between stages.

2nd Stage: DV tool at 6525'.

Lead - 980 sx 50/50 Poz H with 2% gel, 5% salt, 1/4# FC
(14.2 ppg, 1.35 ft3/sx)
Tail - 200 sx Class "H"
(15.6 ppg, 1.18 ft3/sx)
Bumped plug at 1:30 a.m. 10/04/95.
Released rig at 6:00 a.m. 10/04/95.

Completion

MIRU pulling unit. Install BOP. Drill out DV tool and cement.
PBSD 8560'. Test 5-1/2" casing to 3000 psi from 2:30-3:00 p.m.
10/10/95.

Run GR-CBL. TOC at 2800' on 5-1/2" casing.

Perforate the Delaware from 8284-8319' (2 JSFP, 70 holes).
Acidize with 1500 gals 15% NEFE acid.
Sand frac with 57,000 gals XL gel and 228,000 lbs sand.

Run tubing, rods, and pump.
Place well on production.