

Sotol Federal No. 5

Production Casing

TD 7-7/8" hole at 8650' at 4:00 a.m. 10/21/95.

Ran 5-1/2" casing and set at 8650'. DV tool at 6495'.
Centralized the bottom 3 joints and every other joint across pay intervals.

BJ cemented with:

1st Stage:

Lead - 700 sx 50/50 Poz H with 2% gel, 5% salt, 0.15% LWL, 1/4# FC
(14.3 ppg, 1.35 ft³/sx)

Circulated 30 sx cement to pit.

Circulated 6 hrs between stages.

2nd Stage:

Lead - 920 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 7:15 a.m. 10/23/95.

Release rig at 10:00 a.m. 10/23/95.

Completion

MIRU pulling unit. Install BOP. Drill out DV tool and cement.
PBTD 8600'. Test 5-1/2" casing to 3000 psi from 6:00-6:30 p.m.
10/31/95.

Run GR-CBL. TOC at 2767' on 5-1/2" casing.

Perforate the Delaware from 8298-8324' (2 JSFP, 52 holes).

Acidize with 1300 gals 7-1/2% NEFE acid.

Sand frac with 57,000 gals XL gel and 248,000 lbs sand.

Run tubing, rods, and pump.

Place well on production.