

Sotol Federal No. 6

Sqz perfs at 890' with 64 sx Class H with 2% CaCl₂. WOC 4 hrs. Ran temp survey (15 hrs since plug down), TOC at 600'.

Perf sqz holes in 8-5/8" csg at 550'. Establish circulation. Squeeze with 175 sx Class C w/ 3% CaCl₂. Circ 50 sx to pit. Plug down at 4:30 a.m. 4/16/96.

Install wellhead. NU BOP.

Test BOP and casing to 1000 psi from 5:00-5:30 p.m. 4/16/96. WOC time 12-1/2 hrs from last squeeze job to initial pressure test on 8-5/8" csg.

Production

Drilled out from under intmt csg at 8:00 a.m. 4/17/96. TD 7-7/8" hole at 8615' at 8:15 a.m. 4/22/96.

Atlas ran OH logs.

Ran 5-1/2" 15.50 J55 and 17# K55 LTC casing and set at 8615'. DV tool at 6471'. Centralized every other joint from TD to intmt csg.

Dowell cemented with:

1st Stage:

Lead - 525 sx 50/50 Poz H with 2% gel, 5# salt, 0.15% D59 FLA
(14.2 ppg, 1.35 ft³/sx)
Circulated 90 sx cement to pit.

2nd Stage:

Lead - 850 sx 50/50 Poz H with 2% gel, 5% salt, 0.15% D59 FLA
(14.2 ppg, 1.35 ft³/sx)
TOC calculated at 3500'.
Bumped plug at 11:30 p.m. 4/23/96.

Release rig at 6:00 a.m. 4/24/96.