

Lotog "11-F" Federal No. 2

Production Casing

Drilled out from under intmt csg at 4:30 p.m. 4/06/96.
TD 7-7/8" hole at 8621' at 11:00 a.m. 4/12/96.
Atlas ran OH logs.

Ran 5-1/2" 15.50 and 17# K55 LTC casing and set at 8621'.
Centralized every other joint from TD to intmt csg.

Dowell cemented in 1 stage with:
Lead - 340 sx Class C with 3 gps D155, 0.09 gps D604AM, 0.4% L10,
0.03 gps M45. (11.5 ppg, 3.14 ft3/sx)
Tail - 500 sx 50/50 Poz H with 2% gel, 5# salt, 0.15% D59 FLA
(14.3 ppg, 1.37 ft3/sx)
Designed to tie back into intmt csg.
Lost returns on displacement.
Bumped plug at 10:30 a.m. 4/14/96.

Release rig at 2:30 p.m. 4/14/96.

Completion

TOC at 5520' by CBL. PBTD 8565'.
MIRU pulling unit. Install BOP. Test casing to 3000 psi on
4/25/96.

Perforated the Delaware (Basal Brushy Canyon) from 8026-8298'
(56 holes).
Acidize with 500 gals 7-1/2% NEFE acid.
Sand frac with 58,000 gals XL gel and 212,000 lbs 16/30 Ottawa
sand. Swabbed.

Ran 2-7/8" prod tbg, rods, and pump.
Place well on production on 5/06/96.

OPT ending 5/21/96 - Pumped 81 BOPD, 147 BWPD, 78 MCPFD.
Delaware Perfs 8026-8298'.

KGC 6/03/96
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