

Lotos "10" Federal No. 1

Drilled float shoe and 12' of formation.

Ran formation integrity test to 14.5 ppg EMW (3547 psi surface pressure). Held final pressure for 30 minutes with 75 psi leakoff. Casing shoe OK.

Drilled ahead with 6-1/8" bit.

Production Liner

Drilled 6-1/8" hole with 10# brine mud to 14,607'.

On 9/21/95, encountered 5' drilling break from 14,602-607'.

Checked for flow. Well flowing. Shut well in on annular BOP.

SIDPP stabilized at 950 psi. 8 bbl gain.

SICP stabilized at 1130 psi.

Calc 11.5 ppg KWM.

Circulated out kick on choke with 10-20' flare with bottoms up.

Mudded up to 11.0 ppg.

After circulating hole with 11 ppg mud, SIDPP = SICP = 0 psi.

Drilled ahead.

TD 6-1/8" hole at 15,350' with 11.2 ppg mud.

Logged, then ran liner.

Ran 5" 18# P110 STL flush joint liner from 11,657-15,350'.

Centralized with bow spring centralizers as follows:

2 per joint on bottom and across all pay zones.

1 per joint across all other intervals.

2 per joint in the overlap pipe.

Ran Alexander Tool's mechanical set liner hanger.

Circulated to condition mud. Reciprocated the liner while conditioning mud.

Halliburton cemented with 30 bbl spacer and 480 sx Class H with 15% SSA-1, 0.5% Halad 413, 0.3% Gas-Stop, 0.2% SCR-100, and 0.4% CFR-3 (16.4 ppg, 1.25 ft³/sx).

Rotated the liner while cementing.

Bumped the plug at 10:30 p.m. 10/02/95.