

Cement the 7" casing with 200 sx Western Pacesetter Linc. plus 1/4#/sk flocculant (1.84 ft³/sk, 12.7 ppg) followed with 400 sx class "H" plus 0.5% CF-1 (1.18 ft³/sk, 15.6 ppg). Est. TOC @9500 ft.

2nd Intermediate Hole:

Total WOC time for the 7" casing is 24 hours; however, nipping up procedure may begin after 4 hours.

Nipping Up 7" Casing:

As soon as practical after "bumping" the 7" casing plug, set the 7" slips. Wait 4 hours before cutting the casing off. Then raise the BOP stack, install the 10" 5000# x 6" 5000# tubing spool with primary and secondary seals. To this spool install the BOP stack with the choke manifold as per BEPCO Drawing (Attached).

Test the BOP stack, choke manifold, upper and lower kelly cock to 5000 psi with Yellow Jacket or similar, Test the hydril to 1500 psi.

The USGS should be notified in sufficient time to witness this testing.

Production Hole:

A 6-1/4" open hole should then be drilled to TD (15,400' TMD; 14,600' TVD) with a brine water drilling fluid 10-12 ppg as required.

The production string will be a 5 liner (5" OD, 18#/ft, S95 FL4S thd). The overall liner length will be approximately 3150' with 250' of overlap.

The liner will be cemented in 2 stages, the first stage consisting of 200 sx class "H" plus 0.7% HR-4 (1.06 ft³/sk, 16.4 ppg). The liner top will be squeezed with approximately 100 sx class "H" plus 0.7% HR-4 (1.06 ft³/sk, 16.4 ppg).

Evaluation:

DST's will be run in Delaware, Wolfcamp and Strawn if shows are encountered.

The following logs will be run from surface to TD.

(1) GR-CNL-FDC-Caliper

(2) Also GR-DLL-MSFL will be run from TD to the bottom of the intermediate casing

Days:

This well is estimated to take 120 days from spud to rig release.


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