

8. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

Primary Objective: Morrow 9200' TVD

Secondary Objective: Atoka 9040' TVD

9. The proposed casing program is as follows:

Surface: 13-3/8" 48# H40 ST&C new casing set at 400'

Intermediate: 9-5/8" 36# K55 ST&C new casing from 0-1800'

Production: 7" 26# N80 LT&C new casing from 0-9800'

10. Casing setting depth and cementing program:

- A. 13-3/8" surface casing set at 400' in 17-1/2" hole.
Circulate cement with 160sx 35:65 POZ/C w/ 6% Bentonite + 2% CaCl_2 + .25#/sx Cello-Seal followed by 200sx Class C w/ 2% CaCl_2 .

If cement does not circulate, a temperature survey will be run to find the TOC and then finish cementing to surface through 1" using Class C with 2% CaCl_2 .

- B. 9-5/8" intermediate casing set at 1800' in 12 1/4" hole.
Circulate cement with 450sx 35:65 POZ/C w/ 6% Bentonite + 2% CaCl_2 + .25#/sx Cello-Seal followed by 200sx Class C w/ 2% CaCl_2 .

If hole conditions dictate, a DV tool may be run to ensure that the intermediate string is cemented to surface.

If cement does not circulate, a temperature survey will be run to find the TOC and then finish cementing to surface through 1" using Class C with 2% CaCl_2 .

Note: Cement volumes may be adjusted according to fluid caliper.

- C. 7" production casing set at 9800'. Cement with 750sx 15:61:11 POZ/C/CSE w/ .5% FL-25 + .5% FL-52 + 8#/sx Gilsonite followed by 75sx Class C w/ .7% FL-25.

Estimated top of cement is 5800'.

Note: Cement volumes may need to be adjusted to hole caliper.

11. Pressure Control Equipment

0' - 400' None

400' - 1800' 13-3/8" 3M annular preventer.