

7. Estimated tops of important geologic markers.

Bowers	818' TVD
Queen	975' TVD
Grayburg	1184' TVD
San Andres	1700' TVD
Wolfcamp	6392' TVD
Strawn	8776' TVD
Atoka	9096' TVD
Morrow	9364' TVD
Chester	9637' TVD

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

Primary Objective:	Morrow	9364' TVD
Secondary Objectives:	Wolfcamp	6392' TVD
	Atoka	9096' TVD

9. The proposed casing program is as follows:

Surface: 13-3/8" OD 48# H40 ST&C casing set at ~~400'~~ ^{300'}

Intermediate: 8-5/8" OD 32# K55 ST&C casing from 0 to 1800'

Production: 5-1/2" OD 17# N80-S95 LT&C casing from 0 to 9700'

10. Casing setting depth and cementing program:

- A. 13-3/8" surface casing set at ~~400'~~ ^{300'}, or the top of the Rustler Anhydrite, in 17-1/2" hole. Circulate cement with 220sx 35:65 POZ/Class C with 6% gel + 2% CaCl₂ + 0.25 #/sx Cello-Seal and 200sx Class C with 2% CaCl₂.

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% CaCl₂.

- B. 8-5/8" intermediate casing set at 1800' in 12 1/4" hole. Circulate cement with 515sx 35:65 POZ/Class C with 6% gel + 5% salt + 0.25 #/sx Cello-Seal and 200sx Class C with 2% CaCl₂.

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