

6. Tops of Important Geological Markers:

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|--------------|-------|---------------|---------|------------|---------|
| B/ Salt | 2400' | Wolfcamp | 9,740' | Atoka Lime | 11,814' |
| Delaware | 2616' | Pennsylvanian | 11,410' | Atoka Sand | 12,040' |
| Bone Springs | 6300' | Strawn | 11,594' | T/ Morrow | 12,162' |

7. Estimated Depth of Anticipated Water, Oil or Gas:

| | | |
|---------------|------------|---------|
| Oil and water | - Delaware | 2,616' |
| Gas | -Atoka | 12,040' |
| Gas | - Morrow | 12,162' |

8. Casing Program:

- 13 ⁵/₈" 48# H-40
- 8 ⁵/₈" 40# K-55 or J 55
- 5 ¹/₂" 17#, 20# N 80

9. Setting Depth of Casing and Cement: The surface and intermediate casing strings will be cemented to the surface. The TOC behind the production casing will be determined after running open hole logs.

- 13 ⁵/₈" 500 sx, circulated to surface
- 8 ⁵/₈" 1550 sx, circulated to surface
- 5 ¹/₂" 800 sx, TOC @ ~8000' **

10. Specifications for Pressure Control Equipment: (see attached diagrams No. 6, No. 7)

This rig will have a series 900 BOP with 5 1/2" pipe rams and blind rams, kill line, choke manifold, Kooomey hydraulic controls, and accumulator with remote controls. When nipping up, will test BOP and choke to 1000 psi, will operate BOP once a day or as directed by the company representative.

11. Mud Program:

Spud and drill with fresh water to a depth of approx. 500'. Drill out from under surface casing with 10# brine water mud to the intermediate casing at 4000'. Drill out cement and drill to 8000' with fresh water while maintaining a Ph of 10. Drill from 8,000' to TD with cut brine at 9.2 PPG. Use starch for filtrate control and mix pre-hydrated freshwater gel slurry to clean and condition hole prior to running electric logs.

12. Testing, Logging & Coring Program:

- a. Testing: We expect to run DSTs in the Atoka and Morrow.
- b. Coring: no coring is planned.
- c. Logging: open hole logs will be run prior to running production casing. The standard suite will be a Dual Lateral/ ML and GR/Density/Neutron combination.
- d. Depending on the sand quality, a FMI and/or formation tester may be run.
- e. Logs may be run through the intermediate hole section.

13. Potential Hazards:

None.

14. Anticipated starting date & duration:

Plans are to begin drilling operations about July 15, 2000; approximately 40 days will be required to drill the well and 8 days will be needed for the completion.

15. Other Facets:

None