

SUMMARY
Drilling, Drill Stem Tests, Casing and Cementing Program

1. Drill 17-1/2" hole to 350'±. Will be in Queen at surface.
2. Cement 13-3/8", 48 #/ft, ST&C, K-55 casing with 400 sx class "C" cement with 2% CaCl₂ (s.w. 14.8 ppg, yield 1.32 cuft/sx). Run Texas Pattern Guide Shoe, and weld 1st two casing joints. Displace cement with wooden plug.
3. Nipple up and install BOP's. Pressure test casing and BOP's to 500 psig after WOC 12 hours. (500 psi compressive strength on cement).
4. Drill 12-1/4" hole to 3200'±.
5. Cement 8-5/8", 24 #/ft & 32 #/ft, ST&C, k-55 casing with 1000 sx HLW "C" with 1/4 #/sx Flocele (s.w. 12.7 ppg, yield 1.84 cuft/sx) plus 200 sx Class "C" with 2% CaCl₂ (s.w. 14.8 ppg, yield 1.32 cuft/sx). Run Regular Guide Shoe, and Float Collar on 1st joint of casing. Weld 1st two joints of casing. Displace cement with a type 5W Aluminum plug.
6. Nipple up and install BOP's. WOC 12 hours. Hydrostatically test 8 5/8" casing to 2300 psig, casing spool, BOP's and choke manifold to 3000 psig, and hydril to 1500 psig.
7. Drill 7-7/8" hole to TD at 10,200'. Fresh water will be used for drilling fluid until 6500', 4% KCL water to 9000' and polymer starch mud to 10,200'. Pit levels and flowline sensors will be utilized on the pits. Drill Stem Tests are anticipated in the Morrow zones at 9650'-10,100'. Other productive horizons will be tested depending upon mud log shows. The mud logging unit will be in operation beginning at 6000'. The Open hole log suite will be a CNL-LDT, DLL-MSFL, & GR-Cal.
8. Run 4-1/2", 11.60 #/ft, J-55 & N-80, LT&C & ~~Bullcross~~ ⁵⁷⁵ casing and cement with 400 sx HLW "H" with 0.5% Halad-22A (s.w. 12.7 ppg, yield 1.84 cuft/sx) plus 200 sx Class "H" with 3 #/sx kcl, 0.8% Halad 22-A and 0.4% CFR-2 (s.w. 15.6 ppg, yield 1.22 cuft/sx). Use Float Shoe and Float Collar on 1st joint casing and centralize casing through all potentially productive zones. Displace cement with Type 5W Aluminum plug and 3% KCL water.
9. Perforations, stimulation and completion technique to be determined after open hole logging is completed and logs are analyzed.

EXHIBIT F

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1604' FNL & 1912' FWL
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