

**SOLIDS CONTROL**

Run available solids control equipment when possible, to control low gravity solids and mud weight.

**DIRECTIONAL PLAN**

Run deviation surveys every 500' minimum and at bit trips.

**CASING DESIGN**

<u>Casing Seat</u>	<u>Length</u>	<u>OD Size</u>	<u>Wt/ft</u>	<u>Grade</u>	<u>Joint</u>
500'	500'	8-5/8"	24	WC-50	ST&C
3700'	3700'	5-1/2"	15.5	K-55	ST&C
Tubing	3000'	2-3/8"	4.7	J55	EUE

All threads should be doped w/ Oil Center Research OCR-318 thread lubricant.

Test 8-5/8" casing to 500 psi before drilling out. Test 5-1/2" to 500 psi after bumping plug.

**CASING INSPECTION, FLOAT EQUIPMENT AND CENTRALIZATION**

**8-5/8"** Guide shoe, one joint and float collar. Centralize shoe and first two joints, then every fourth joint to surface. Threadlock float equipment. Inspect casing VTI, TP and FLD.

**5-1/2"** Guide shoe, one joint and float collar. Centralize shoe, middle of first two joints, and every 20' through the production intervals (Seven Rivers & Queen ). Threadlock all float equipment and bottom collar. Inspect casing with VTI, TP and FLD.

**WELLHEAD EQUIPMENT**

**Bradenhead** 8-5/8" SOW x 11" 2M w/ 2" LPO, 2M ball valve

**Tubinghead** 11" 2M x 7-1/16" 3M w/ 2" Flanged, 3M valve

**Tree** 7-1/16" 3M x 2-3/8" single master, crown valve, single wing and adjustable choke

SEP 10 1990  
WCD HOBBS  
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