

SUPPLEMENTAL DRILLING DATA  
POGO PRODUCING COMPANY  
RED TANK 26 FEDERAL WELL NO. 9

1. SURFACE FORMATION: Quaternary.
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Anhydrite	850'
Delaware Lime	4800'
Bell Canyon	4870'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Ramsey Sand	Oil
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4. PROPOSED CASING AND CEMENTING PROGRAM:

<u>CASING SIZE</u>	<u>SETTING DEPTH</u>		<u>WEIGHT</u>	<u>GRADE</u>	<u>JOINT</u>
	<u>FROM</u>	<u>TO</u>			
8-5/8"	0	800'	24#	J-55	STC
4-1/2"	0	5100'	11.6#	J-55	LTC

MINIMUM

DESIGN FACTORS: COLLAPSE 1.1 BURST 1.1 TENSION 1.2

8-5/8" casing to be cemented with 200 sacks of light cement followed by 100 sacks of premium cement with 2% CaCl. Cement to circulate.

4-1/2" production casing to be cemented with approximately 400 sacks of light cement with 10 percent salt followed by 100 sacks of premium cement with 1% CaCl. Cement to circulate.

If, during drilling operations, need for stage cementing of casing is indicated, staging tool(s) will be run and positioned to best suit hole conditions at time casing is run.

Cement volumes may be adjusted and cement may have lost circulation and/or other additives depending on hole conditions at the time casing is run.

**RECEIVED**

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W. J. HOBBS  
OFFICE