

SUPPLEMENTAL DRILLING DATA

POGO PRODUCING COMPANY

FEDERAL 12 WELL NO.2

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Anhydrite	750'
Delaware Lime	4450'
Bell Canyon	4550'
Cherry Canyon	5350'
Brushy Canyon	7000'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Brushy Canyon	Oil
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4. PROPOSED CASING AND CEMENTING PROGRAM:

13-3/8" 48# H-40 STC casing to be set at 800 feet in 17-1/2" hole. Casing to be cemented with 700 sacks of Class "C" cement with 2% CaCl. Cement to circulate.

8-5/8" 24# and 28# K-55 and N-80 STC casing to be set at 4500 feet in 11" hole. Casing to be cemented with 1500 sacks of Light cement tailed in with 200 sacks of Class "C". Cement to circulate.

5-1/2" 15.5# and 17# K-55 STC casing to be set at total depth in 7-7/8" hole. Casing to be cemented with 900 sacks of Class "H".

5. PRESSURE CONTROL EQUIPMENT:

Blowout prevention equipment, while drilling the 11" hole, will be either a 3000 psi working pressure double ram type preventer or a 3000 psi working pressure annular type preventer.

Blow out prevention equipment, while drilling below the 8-5/8" casing seat, will be a 3000 psi working pressure BOP stack. A BOP sketch is attached.