

(6) Estimated tops of geologic markers:

Salado	- 775'
Castile	- 1525'
Delaware Lime	- 3400'
Delaware Sand	- 3440'
Bone Spring	- 7310'
1st Bone Spring Sand	- 8250'

(7) Estimated depths of anticipated water, oil, gas or other minerals:

Delaware Sand	- 3440-3490' (Gas)
Delaware Sand	- 3730-3760' (Gas & Water)
Delaware Sand	- 4100-4200' (Water)
Delaware Sand	- 4400-4500' (Gas)
Delaware Sand	- 4700-4800' (Gas)
Delaware Sand	- 6700-6800' (Gas)
Bone Spring	- 7870-7900' (Gas)
Bone Spring	- 8250-8350' (Gas)

(9) Amounts & types of cement:

13 3/8" - 50 sxs. Class C w/2% CaCl

9 5/8" - 975 sxs. Halliburton Lite w/5# Gilsonite/sx & 1/4#  
Flo Seal/sx. Tail in w/200 sxs. Class C w/2% CaCl

4 1/2" - 350 sxs. 50-50 Posmix C regular 2% gel w/.6 of 1%  
CFR<sub>2</sub> & 8# CaCl/sx

(11) Mud Program:

0' - 50' - Fresh water w/lime  
50' -3300' - Saturated brine water w/lime & native mud  
3300' -8500' - Brine water base medium w/additives of soda  
ash, gel, etc. to maintain water loss 10-12,  
viscosity 34-36, weight 9.2-9.3, pH 9-10.

Lost circulation material to be added as  
needed to control seepage.

Quantities and types of mud and weighting materials to be maintained shall  
approximate the following:

40 sacks	Salt Water CMC
40 sacks	Soda Ash
30 sacks	Caustic Soda
30 sacks	Starch Preservative
100 sacks	Salt Gel
100 sacks	Paper and Fiber

Penroc Oil Corporation  
Ross Draw Unit #8  
USGS Form 9-331C

(12) Proposed Drillstem Tests:

Delaware - 3  
Bone Spring - 2

No cores anticipated.

Logging Program:

Compensated Acoustic Velocity  
(Total Depth to 3300' w/Gamma Ray 3300' to surface)  
Forxo-Guard  
(Total Depth to 3300')

(13) Pressures:

No abnormal pressures anticipated

Blowout preventers and hydril utilized as indicated on Form 9-331C

(14) Anticipated commencement date is May 10, 1977, with duration of operations to total depth to be approximately 33 days.