

SUPPLEMENTAL DRILLING DATA

Penta Exploration Company
Amoco Federal No. 1
1980' FNL & 660' FWL
Sec. 25, T26S, R30E
Eddy County, N.M.
NM - 18626

The following information is in accordance with the Onshore Oil & Gas Order No. 1

1. Surface Formation: Recent.

2. Estimated Geological Marker Tops:

Delaware Lime	3710'	Brushy Canyon	5830'
Ramsey	3735'	Bone Spring	7523'
Cherry Canyon	4653'		

3. Estimated Depths to Oil, Gas and Water:

Water	280'		
Oil & Gas		Bone Spring	7600 - 7850'

4. Proposed Casing & Cement Program:

Surface Casing: Set approximately 350', 13 3/8", 48.0# H-40, ST&C casing. Cement sufficient to cement to surface.

Intermediate Casing: Set approximately 3700', 8 5/8" 24.0 & 32.0#, J-55, ST&C casing. Cement sufficient to circulate to base of salt.

Production Casing: Set to total depth, 5 1/2", 15.5 & 17.0#, J-55, LT&C casing. Cement sufficient to isolate all oil, gas and water zones.

5. Pressure Control Equipment: B.O.P. diagram is attached.

6. Testing, Logging and Coring Programs:

Testing: None.

Logging: 1. Compensated Neutron Density
2. Dual Laterolog - Micro - SFL
Mud logging unit from 4000 to total depth.

Coring: None anticipated.