

Drilling Program
Superior Federal No. 4
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The Petroleum Corporation
Superior Federal Well No. 4
1980' FSL and 660' FEL
Section 5-T20S-R29E
Eddy County, New Mexico

ANTICIPATED FORMATIONS
AND
WELL DEPTHS

Top of Yates	1,200 feet
Top of Seven Rivers	1,425
Top of Delaware	3,225
Top of Bone Springs	5,025
Top of Wolfcamp	9,100
Top of Strawn	10,200
Top of Atoka	10,500
Top of Morrow	10,800
Top of Barnett Shale	11,450

Open hole drill stem tests will be made of all significant shows of hydrocarbons dependent upon satisfactory hole conditions

SAMPLE PROGRAM

Ten foot (10') samples from base of intermediate casing to total depth

ELECTRICAL LOGGING
PROGRAM

Dual Laterolog will be run from 3,100 feet to total depth

Compensated Neutron, Density Log and Borehole Compensated Sonic over all potential zones

SAFETY EQUIPMENT

PVT and flow line sensor from 3,100 feet to total depth. SWACO hydraulic choke from 3,100 feet to total depth. Rotating head, hydril and double ram preventors from 3,100 feet to total depth. Hydril and double ram preventors from 400 feet to 3,100 feet. Blow-out preventors to be pressure tested by Yellow Jacket prior to drilling into the Wolfcamp formation.

CONTRACTOR

Hondo Drilling Company, Rig No. 4

CASING PROGRAM

11-3/4 inch	400 feet of 47#/ft, K-55, ST&C
8-5/8 inch	2,400 feet of 24#/ft, K-55, ST&C
	700 feet of 32#/ft, K-55, ST&C
5-1/2 inch	400 feet of 17#/ft, S-95, LT&C
	9,600 feet of 17#/ft, N-80, LT&C
	1,800 feet of 17#/ft, S-95, LT&C