

DRILLING PROGRAM
Superior Federal No. 7
Section 5-T20S-R29E
Eddy County, New Mexico

Location 1869 FSL and 1878 FWL
Section 5-T20S-R29E

Elevation 3280 Ground

General Drilling Program Drill a 18 1/2" hole to about 400 ft. and run 16" casing. Drill 15" hole to about 850 feet and run 11 3/4" casing. Drill a 10 5/8" hole to about 3100 ft. and run 7 5/8" casing. Drill a 6 1/2" hole to total depth of about 3600 ft.

This well will be located on a federal lease and the Bureau of Land Management must be notified prior to any dirt work being done. Prior to cementing any casing the BLM office in Carlsbad must be notified (505-887-6544)

They also require a slush pit and burn pit in addition to the reserve pit.

Mud Program	18 1/2" hole	Spud mud
	15" hole	Brine water circulating the reserve pit.
	10 5/8" & 6 1/2" hole	Drill with a fresh water system to total depth

Anticipated Formation

Depths	Top of Yates	1095'
	Top of Capitan Reef	1400'
	Top of Delaware	3125'
	Top of Bone Springs	5480'
	Top of Wolfcamp	8895'
	Top of Penn	9920'

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 3100 ft. to total depth.

Electrical Logging Program Dual laterolog will be run from 3100 ft. to total depth. Compensated neutron, density log and borehole compensated sonic over all potential zones.

Safety Equipment PVT, flow line sensor and hydraulic choke from 3100 ft. to total depth. Hydril from 400 ft. to 850 ft. Hydril and double ram preventors from 850 ft. to total depth.

Contractor To be selected