

APPLICATION FOR DRILLING

Delta Drilling Company
Amoco Federal #1
990' FEL & 1980' FSL
Section 11, T23S, R28E
Eddy County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Delta Drilling Company submits the following nine items of pertinent information in accordance with USGS requirements:

1. The geologic surface formation is Permian.
2. The estimated tops of geologic markers are as follows:

Delaware Sand	2690' ✓
Bone Springs	6205'
Bone Springs Sand	7330'
Wolfcamp	9675'
Strawn Lime	11355'
Atoka	11395'
Morrow	11995'

3. The estimated depths at which anticipated water, oil, or gas formations are expected to be encountered:

Water	-	No fresh water anticipated below 250' as per conversation with Mr. Oral Nichols with Carlsbad Irrigation District on 3/19/79.
Oil or Gas	-	Bone Springs 6205-9675'
		Atoka 11395-11700'
		Morrow 11995-12800'

4. Proposed Casing Program: See Form 9-331C
5. Pressure Control Equipment: See attachments to Form 9-331C and Exhibit E
6. Mud Program: See Exhibit G
7. Auxiliary Equipment: See Exhibit H
8. Testing, Logging, and Coring Programs:

Drill Stem Tests-(All DST's to be justified by valid shows of oil and/or gas)
Delaware Sands 2690-6205'
Bone Springs 6205-9675'

Logging - Mud Logging Unit from 2650' to TD
Electric Logging Program - FLUID
DLL w/ Micro SFL
CNL/FDC
BHC Sonic
Cyber Look

9. Anticipated Starting Date: As soon as possible.