

APPLICATION FOR DRILLING

CHAMA PETROLEUM COMPANY
Southeast Indian Basin #1
Sec. 23, T-22-S, R-23-E
Eddy County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill subject well in Section 23, Township 22 South, Range 23 East, Eddy County, New Mexico, Chama Petroleum Company submits the following ten items of pertinent information in accordance with U.S.G.S. requirements:

1. The geologic surface formation is quaternary alluvium and bolson deposits and other surficial deposits.
2. The estimated tops of geologic markers are as follows KB measurement:

San Andres	675'
Glorieta	2185'
Lower Leonard Sand	3355'
Blaineberry	3875'
Dean Sand	6765'
Wolfcamp	6905'
Wolfcamp Green Shale	6985'
Lower Wolfcamp	7225'
Cisco	7575'
Base Indian Basin Carb	8400'
Total Depth	8500'
3. We do not anticipate finding water but have listed the formations in which we anticipate finding oil or gas:

Glorieta	2185'
Cisco	8400'
4. Proposed casing program: See Form 9-331C.
5. Pressure control equipment: See Form 9-331C and Exhibit C.
6. Mud program: See Form 9-331C.
7. Auxiliary equipment: Blowout Preventer.
8. Testing, logging and coring programs: FDC-CNL, DLL and GR. No coring is planned. Possible DST's in the Glorieta, Wolfcamp and Indian Basin formations.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval (but not later than December 23, 1982).