

APPLICATION FOR DRILLING

Wilson Operating Co., Inc. No. 1 Sun Federal
Section 33: SE $\frac{1}{4}$ SE $\frac{1}{4}$
Township 23 South, Range 32 East
Lea County, New Mexico

Aug 19 10 50 AM '87
O&G DIVISION
AREA 11-00-00-0000

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In conjunction with Form 9-331C, Application For Permit To Drill subject well, Wilson Operating Co., Inc. submits the following ten items of pertinent information in accordance with Minerals Management Service requirements:

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

Top Salt	1,105'
Base Salt	5,055'
Delaware Limestone	5,300'
Delaware Sand	5,340'
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Approximately 300'
Oil or gas: 7,500'
Cherry Canyon: 7,500'
4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: Blowout Preventor - See Exhibit D
6. Mud Program: ~~Brine to the Delaware~~, Mud to Total Depth
(Drill Surface Interval w/ fresh water)
7. Auxiliary Equipment: Rotary Rig
8. Testing, Logging and Coring Programs:

Compensated Neutron Litho Density with Gamma Ray
Dual Lateralog with Gamma Ray
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: August 30, 1987.