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APPLICATION FOR DRILLING

Western Oil Producers, Inc.
Woolworth Ranch Unit Well No. 1
Section 4-T24S-R35E
Lea County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Western Oil Producers, Inc. submits the following ten items of pertinent information:

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

Lamar	5300'	Bone Springs Lime	9100'
Delaware Sand	5350'	Barnett	11400'
Cherry Canyon	6250'	Chester	15100'
Bone Springs Shale	8900'	Mississippian	15250'
3. The depths at which anticipated water, oil or gas formations are expected to be encountered are:
 - Water: At approximately 250 to 300 feet.
 - Santa Rosa at approximately 400 to 500 feet.
 - Oil or gas: Atoka at approximately 114200'.
 - Morrow at approximately 114400'.
4. Proposed casing program: See Form 9-331C.
5. Pressure control equipment: See Exhibit V.
6. Mud Program: See Form 9-331C.
7. Auxiliary equipment: See Exhibit C.
8. Testing, logging and coring programs:
 - Possible drill stem tests in: Delaware Sand
 - Cherry Canyon
 - Bone Springs Lime
 - Atoka
 - Morrow
 - Logging: 0' to 51,00': Compensated neutron dual induction log.
 - 5400' to 114500': Compensated neutron dual induction log.
 - 9000' to TD: Mud logging.
 - Coring: None.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: December 28, 1978.
 - Anticipated completion of drilling: Approximately 100 days after starting date.

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