

H. L. BROWN, JR.

323 WEST MISSOURI
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United States Geological Survey
Post Office Box 1157
Hobbs, New Mexico 88240

Re: H. L. Brown, Jr., Federal "J" No. 1
Roosevelt County, New Mexico

Gentlemen:

In order to comply with NTL-6, the following information is presented below to accompany the attached Form 9-331C on the subject well.

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

Rustler	2040'
Yates	2518'
San Andres	3650'
Abo	6990'
Wolfcamp Por.	8020'
Devonian	8850'

3. The estimated depths at which anticipated water, oil, gas and other mineral-bearing formation's are expected to be encountered are as follows:

Water	None anticipated
Oil	None anticipated other than the condensate in the Wolfcamp pay at 8020'
Gas	there is a depleted gas zone in the San Andres at 3690'; there is gas in the Wolfcamp at 8020' and possible gas in the Devonian at 8852'.
Other Minerals	None anticipated

4. The proposed casing program is as follows:

<u>SIZE</u>	<u>GRADE</u>	<u>WEIGHT/FOOT</u>	<u>NEW OR USED</u>	<u>DEPTH</u>
12 3/4" OD	X-42	49#	New	500'
8 5/8" OD	K-55	24# & 32#	New	3700'
4 1/2" OD	N-80	11.6#	New	8900'