

PHILLIPS PETROLEUM COMPANY
Bilbrey 34 Fed Com #1
Lea County, New Mexico

DRILLING PROGNOSIS

1. Location of Proposed Well: 660' FSL & 1980' FWL, Section 34,
T-21-S, R-32-E, Lea County, New Mexico
2. Unprepared Ground Elevation: 3737.6'(Unprepared)
3. The geologic name of the surface formation is See Archaeological
Survey
4. Type of drilling tools will be rotary.
5. Proposed drilling depth is 14,950
6. The estimated tops of important geologic markers are as follows:

<u>Rustler</u>	<u>610'</u>	<u>L. Morrow Sands</u>	<u>14600'</u>
<u>Salado</u>	<u>910'</u>	<u>Brushy Canyon</u>	<u>6900'</u>
<u>Bell Canyon</u>	<u>4537'</u>	<u>Bone Springs</u>	<u>8725'</u>
<u>Cherry Canyon</u>	<u>5680'</u>	<u>Bone Springs 3</u>	<u>11400'</u>
<u>Strawn</u>	<u>13150'</u>	<u>Atoka</u>	<u>13265'</u>
<u>L. Morrow Lime</u>	<u>13622'</u>	<u>Morrow Clastics</u>	<u>14200'</u>

7. The estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

Oil:	<u>Atoka</u>	<u>13,500'</u>
	<u>Morrow</u>	<u>14,300'</u>

8. The proposed casing program is as follows:

Surface String 13-3/8", 48#, set at 650'
Intermediate String 9-5/8", 40#, set at 4650'.
Production String 7-1/2", 32#, set at 12,000'.
Production Liner 4-1/2", 13.5#, set at 14,900'.

9. Cement Program:

Surface String = Cement to surface with 600 sacks Class C cement.

Intermediate String = Cemented to surface with 700 sks Class C, tail
w/150 sks Class C. Neat.

Production String = Cement with 140 sacks Class H cement. Estimated
top of cement at 11,000.

Production Liner = cement with 300 sacks Class H cement. Estimated
top of cement at 11,000.