

PHILLIPS PETROLEUM COMPANY
James E No. 5

DRILLING PROGNOSIS

1. Location of Proposed Well: 1810' FNL & 330' FEL of Sec. 11, T-22-S
R-30-E, Eddy County, New Mexico

2. Unprepared Ground Elevation: 3290'

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 7700'.

6. The estimated tops of important geologic markers are as follows:

Triassic	Surface	Cherry Canyon	4450'
Rustler	170'	Brushy	5800'
Salado	520'	Bone Springs	7500'
Bell Canyon	3650'		

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

Oil: Brushy Canyon 5975'

8. The proposed casing program is as follows:

Surface String 13-3/8", 48#, set at @ 475'
Intermediate String 8-5/8", 24#, set at @ 3700'
Production String 5-1/2", 14#, 15.5# set at @7700'

9. Cement Program:

Surface String - Cement to surface w/650 sk Class C cement.

Intermediate String - Cement to surface w/1200 sacks Class C.

Production String - Cemented with 900 sacks C - estimated top of
cement 3500'.