PHILLIPS PETROLEUM COMPANY
James E Well No. 6

DRILLING PROGNOSIS

1. Location of Proposed Well: Unit J, 1980' FEL & 1980' FSL Sec. 11, T-22-S, R-30-E, Eddy Co., NM

2. Unprepared Ground Elevation: 3218'

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:

Rustler	250'	Brushy Canyon	5860'
Salado	550'	Bone Springs	7555'
Bell Canyon	3775'		
Cherry Canyon	4160'		

7. The proposed casing program is as follows:

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

8. Cement Program:
Surface String - Circulated to surface with 800 sacks Class C + 2% CaCl2.
Intermediate String - Cement will be circ. to surface. Run caliper @ csg. point & add 20% excess. Lead: Class C 65/35 POZ + 6% Bentonite + 15#/sk salt. Tail: 200 sacks Class C + 10#/sk salt.
Production String - Stage tool @ +6000'. Circ. to desired TOC based upon caliper volume + 20% excess for the 1st stage & caliper + 30% excess for 2nd stage. Run temperature survey to determine TOC. 1st stage: Class C Neat. Desired TOC 6000'. 2nd stage: Lead: Class C + 20% Diacel D. Desired TOC 3000'. Tail: Cl.C Neat. Desired TOC 4500'.

9. The minimum specifications for pressure control equipment which are to be used, a schematic diagram thereof showing sizes, pressure ratings (or) API series and the testing procedure and testing frequency are attached.

10. The proposed mud program is attached.

11. The testing, logging, and coring programs are as follows:

D.S.T.'s or cores Possible Core @ 7340-7430'.

Logs DLL-MG-GR-Cal
SDT-DSN-GR-Cal

Special Tests: None