PHILLIPS PETROLEUM COMPANY
James E Well No. 14

DRILLING PROGNOSIS

1. Location of Proposed Well: Unit F, 1980' FNL & 1980' FWL of Sec. 12 T-22-S, R-30-E, Eddy Co., NM

2. Unprepared Ground Elevation: 3324'

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	5930'
Salado	550'	Bone Springs	7600'
Bell Canyon	3750'		
Cherry Canyon	4500'		

7. The proposed casing program is as follows:

Surface String 13-3/8", 54.5#/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 700 sacks Class C + 2% CaCl2.
Intermediate String - Lead - 1000 sacks Class C 65/35 Poz + 6% Bentonite + 15#/sack salt. Tail 200 sxs Cl. 'C' SJS
Production String - Lead - 250 sacks Class C + 20% Diacel D. Desired TOC 3000'. Tail 600 sacks Class C Neat. Desired TOC 5000'.

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 in DMG. SJS

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

Special Tests: None

12. Anticipate no abnormal pressures or temperatures to be encountered or any other potential hazards such as Hydrogen Sulfide Gas. Low risk H_2S equipment will be used.

13. The anticipated starting date is immediately upon approval with duration of operations for approximately 30 days thereafter.

14. Water Supply: Hauled

15. Caliche for road and pad construction to be obtained from Federal pit in Section 11, T-22-S, R-30-E or location site.

REGPRO:JMAPL:jamese14.dpr