

CLEARY PETROLEUM CORPORATION

MIDLAND DISTRICT

November 18, 1976

DRILLING PROGRAM

WELL: Cleary Petroleum Corporation
New Mexico Federal "C" #1
1980' FSL & 660' FEL
Sec. 4, T-21-S, R-32-E
Lea County, New Mexico
Hat Mesa Field

ELEVATION: 3717 GR.

SURFACE FORMATION: Quaternary alluvium and bolson deposits.

ESTIMATED FORMATION TOPS:

<u>Formation</u>	<u>Estimated Depth</u>	<u>Remarks</u>
B/RB Top Anhydrite	1450	No show
Base Salt	3270	No show
Top Yates	3350	Water
Capitan Reef	3500	Water
Del. Mtn. Sand	5610	Water
Bone Spring	8600	Water
Wolfcamp	11100	Poss. show gas
Strawn	12650	Poss. show oil
Atoka Sand	12900	Poss. show gas
Atoka Carbonates	13200	Prob. tight
Morrow Upper Sands	13600-13900	Should produce gas
Lower Morrow Sands	1400-T.D.	Should produce gas
Total Depth	14200'	

ESTIMATED DRILLING TIME: 58 days

Samples: 10' samples - 3000' to T.D.

Drilling Time Record: Geologist-Surface to T.D. Hand kept drilling time as directed by Geologist.

Coring: None anticipated.

Testing: None anticipated- dependent upon shows above Morrow Sands.

Logging: Run #1 - surface to thru Salado Section 0-3500' -
GR-Acoustic-Caliper.
Run #2 - Base intermediate to T.D.-GR-Acoustic Neutron,
Guard, Forxo, Welx Logs.

Similar Well: Cleary Petroleum Corporation - New Mexico Federal "B" #1


Known Drilling Hazard in Area: Possible lost circulation in Capitan Reef 3600-4600'.
Possible high pressure in Wolfcamp and Atoka sand.

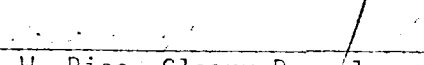
Oil or Gas Shows: If any indications are noted and geologist not at well site,
please call:

William J. Henry Office 915-682-4484
Home 915-694-4520

or

Cleary Petroleum Corporation Office 915-683-4793
Doug Rice Home 915-684-4724

Consulting Geologist 
William J. Henry

Assistant District Manager 
Douglas W. Rice, Cleary Petroleum Corporation