

GRACE PETROLEUM CORPORATION

MIDLAND DISTRICT
September 29, 1978DRILLING PROGRAM

WELL: Grace Petroleum Corporation
New Mexico Federal "G" No. 1
4650' FSL & 660 FEL
Section 6, T-21-S, R-32-E
Lea County, New Mexico

ELEVATION: 3653' GR

SURFACE FORMATION: Quaternary alluvium and bolson deposits.

ESTIMATED FORMATION TOPS:

<u>Formation</u>	<u>Estimated Depths</u>	<u>Remarks</u>
B/Red Bed/Top Anhydrite	1250'	No Show
Yates	3250'	No Show
Capitan Reef	3350'	Prob. Water
Del. Mtn. Sands	5200'	Prob. Water
Bone Spring	8400'	Prob. Water
Wolfcamp	10960'	Poss.show/oil or gas
Strawn	12600'	Poss. show/oil
Atoka Sand	12850'	Poss. show/gas
Atoka Carbonates	13150'	No Show
Morrow Upper Sands	13700-14000'	Prod. gas
Morrow Lower Sands	14000-14250'	Prod. gas
Total Depth	14300'	

ESTIMATED DRILLING TIME: 58 days

Samples: 10' samples 3000' to total depth.

Drilling Time Record: Geolograph-Surface to T. D. Hand kept 10' drilling time from 10,000' to T. D.

Coring: None

Testing: None anticipated dependent upon shows above main producing horizon (Morrow Sands).

Logging: Run #1 - Surface to thru Salado Formation 0'-3500'
GR-Acoustic-Caliper
Run #2 - Base Intermediate to T. D.
GR-Acoustic Neutron, Guard, Forxo
Welex Logging Co.

Similar Well: Grace Petroleum No. 1 New Mexico Federal "F"

Known Drilling Hazard in Area: Possible lost circulation in Capitan Reef 3600-4400'.
Possible high pressure in Atoka Sand.

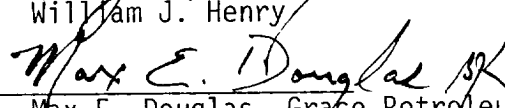
Oil or Gas Shows: If any indications are noted and geologist not at well site, please call:

W. J. "Bill" Henry Ofc. 915-682-4484
Home 915-694-4520

or

Grace Petroleum Corp. Ofc. 915-683-4793
Buddy J. Knight Home 915-684-6263

Consulting Geologist: 
William J. Henry

District Manager: 
Max E. Douglas, Grace Petroleum Corporation
Ofc. 915-683-4793
Home 915-682-9675