

Surface formation:

Quaternary Sand

Geologic Markers:

Yates 2850'; Queen 3885'; Penrose 4150'; Grayburg 4365'.

Estimated depths at which water, oil, gas are expected to be encountered:

Yates 2850'; Queen 3885'; Penrose 4150'.

Mud Program:

Surface to 1200' - fresh water and native mud.

1200' to 4200' - brine. Mix mud to condition for logging.

Testing, logging and coring program:

Logging: Gamma-Ray Acoustic with Caliper TD to surface line
Guard-Forxo through indicated porosity and shows.

No abnormal pressure expected, auxiliary equipment on floor.

Anticipated starting date is September 1, 1977, duration 15 days.

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OIL CONSERVATION COMM.
HOBBS, N. M.