

LOCATION FOR PERMIT TO DRILL
ANADARKO PETROLEUM CORPORATION
OXY FEDERAL #2
1980' FSL & 1980' FWL
Sec. 29, T13S, R31E; NMPM

In conjunction with Form 3160-3, Application for Permit to Drill, Anadarko Petroleum Corporation submits the following items of pertinent information in accordance with Onshore Oil & Gas Order Nos. 1&2, and with all other applicable federal and state regulations.

1. The geologic surface formation is of alluvium of quaternary age.
2. Estimated tops of geologic markers are as follows:

T. Salt	1100'	7-Rivers	1950'
B. Salt	1700'	Queen	2580'
Yates	1830'		
3. The estimated depths at which water, oil, or gas formations are expected to be encountered:

*Water:	200'	Redbed
Oil:	none	--
**Gas:	2500'	Queen

*Groundwater to be protected by 8-5/8" surface casing with cement circulated to the surface.

**Potentially productive horizon (gas) to be protected by 4½" casing with an anticipated cement top between 350' & the surface (inside 8-5/8" or circulate).
4. Proposed Casing Program:

Surface Casing

0'-350' (350') 8-5/8", 24#, K-55, ST&C, 8rd

Production Casing

0'-2750' (2750') 4-1/2", 11.6#, K-55, ST&C, 8rd

5. Pressure Control Equipment (see Exhibit C).
6. Mud Program (see Exhibit D).
7. Auxillary Equipment: Upper Kelly Cock, Full Opening Stabbing Valve.
8. Testing, Logging, and Coring Programs:

DST's:	None
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Mud logging: None

