

APPLICATION FOR PERMIT TO DRILL  
ANADARKO PETROLEUM CORPORATION  
FEDERAL AW NO. 1  
380' FSL & 990' FEL  
SEC. 26, T19S, R32E; 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:

Rustler	1085'	T. Capitan Reef	3300'
T. Salt	1218'	B. Capitan Reef	4868'
B. Salt	2665'	Delaware	4868'
T. Tansill	2665'	Delaware (pay sd)	4870'
Yates	2960'		5600'
T. Seven Rivers	3210'		

3. The estimated depths at which water, oil, or gas formations are expected to be encountered:

\* Water: 150' - 1085' Red Bed  
 \*\* Oil: 4870' - 5640' Delaware

\*Groundwater to be protected by 10-3/4" casing with cement circulated to the surface.

\*\*Potentially productive horizons to be protected by 5-1/2" production casing with cement tied back into the next casing string, ie: intermediate (if set), or surface casing (if intermediate is not set).

4. Proposed Casing Program:

Surface

0' - 1100'± (1100') 10-3/4", 40.5#, J-55, ST&C

Intermediate (OPTIONAL)

Note: This intermediate casing is OPTIONAL. It will only be set if lost circulation problems develop while drilling the interval from 1100'± to 4500'.

0'-2200'	(2200')	8-5/8", 24#, K-55, ST&C
2200'-2900'	(700')	8-5/8", 24#, S-80, ST&C
2900'-4500'	(1600')	8-5/8", 28#, S-80, ST&C

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