

A | LICATION FOR PERMIT TO DR. L
 ANADARKO PETROLEUM CORPORATION
 YATES "35" FEDERAL WELL #1
 800' FNL & 1650' FEL
 Sec. 35, 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	1100'	Delaware	4900'
T. Salt	1200'	Delaware (pay sd)	6000'
B. Salt	2700'	Bone Springs	7700'
Yates	2950'	Bone Springs Lm	7800'

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

* Water: 150' - 1100' Red bed
 ** Oil: 6000' - 6050' Delaware
 ** Oil: 7800' - 7850' Bone Springs Lime

*Groundwater to be protected by 13-3/8" surface 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'-1140'± (1140') 13-3/8", 48#, H-40, 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 1140'± to 4900'.

0'-3100' (3100') 9-5/8", 36#, K-55, ST&C
 3100'-4600' (1500') 9-5/8", 36#, S-80, ST&C
 4600'-4900' (300') 9-5/8", 40#, S-80, ST&C

Production Casing

0'-6600' (6600') 5-1/2", 15.5#, K-55, ST&C
 6600'-7900' (1300') 5-1/2", 17.0#, K-55, ST&C

For additional Proposed Casing Program Information, see Form 3160-3 and Exhibit B.

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