

ATTACHMENT TO FORM 9-331 C  
APPLICATION FOR PERMIT TO DRILL

Conoco Inc.  
Tuesday Federal No. 3  
NM-27801

1. The estimated tops of important geologic markers are as follows:

<u>ZONE</u>	<u>TOP</u>	<u>CONTENT</u>
Surface Water	0-158'	Water
Rustler Anhy.	158'	--
Salado Salt	258'	--
Base Salt	988'	--
Yates S. S.	1188'	--
Seven Rivers Dol.	1478'	--
Deleware	3328'	--
Bone Springs	5468'	--
Wolfcamp Sh.	9328'	Oil
Strawn	10,388'	Gas
Atoka	10,828'	Gas
Morrow	10,948'	Gas
Barnett Sh.	11,688'	--

2. The estimated depths at which water, oil, or gas will be encountered are shown above in No. 1.

3. A drawing of an API series <sup>1500</sup>~~900~~ Blowout Preventer Specification is attached. Pipe rams and blinds will be checked to the working pressure of the stack or 70% of the minimum internal yield strength of the casing, whichever is less. BOP will be checked when casing string is set and operated daily for checks.

4. The proposed casing program is as follows:

<sup>250'</sup>  
0'-~~250~~': 13-3/8", 48#, H-40, ST&C  
0'-3250': 9-5/8", 36#, K-55, ST&C  
0'-6900': 7", 26#, K-55, BTRC  
6900'-11,700': 7", 263, L-80, LT&C

5. The proposed mud program is as follows:

<sup>250'</sup>  
0'-~~250~~': 8.3 - 8.5 Fresh water  
200'-3250' 10.0 Brine water  
3250'-9000' 9.0 Cut brine  
9000'-10,500' 9.2 XC-Drispac  
10,500'-11,700' 9.2 - 9.4 XC-Drispac