

MARATHON OIL COMPANY

YATES FEDERAL #17
ADDITIONAL INFORMATION
Comply with Order 1

In conjunction with Form 9-331C, Application to drill subject well, Marathon Oil Company submits the following items of information in accordance with BLM requirements:

1. Geological Name of Surface Formation

Quaternary Alluvium

2. Estimated Tops of Important Geological Markers

Rustler	400'
Base of Salt	975'
Yates	975'
Capitan Reef	1200'
Lamar ^{SSS}	3120'
1st Sand	3210'
2nd Sand	3360'

3. Estimated Depths of Anticipated Water, Oil or Gas Bearing Formations

Yates (water)	975'
Capitan Reef (water)	1200'
Lamar (water & oil) ^{SSS}	3120'
1st Sand (water & oil)	3210'
2nd Sand (water & oil)	3360'

4. Casing and Cementing Program

13-3/8" Surface to 350':	Cement to surface with 360 sxs Class "C" with 2% CaCl_2
9-5/8" Intermediate to 1250':	Cement to surface with 350 sxs Modified Lite followed by 100 sxs Class "C" with 2% CaCl_2
7" Intermediate to 3150'	Cement to surface w/ 330 sx modified lite followed by 175 sx Class "C" w/ 2% CaCl_2
4-1/2" Production to 3800':	Cement to 2600' with 120 sx Class "C"