

MARATHON OIL COMPANY

LEA UNIT #14
ADDITIONAL INFORMATION
Comply with NTL-6

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

1. Geologic Name of Surface Formation

Quaternary Alluvium

2. Estimated Tops of Important Geologic Markers

Yates	3700
Queen	4710
Delaware Mtn. Group	6500
Bone Spring Carbonate	8260
Zone "R" Dolomite	9600

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

Yates (Water)	3700
Queen (Water)	4710
Delaware Mtn. Group	6500
Bone Spring Carbonate (Oil or Water)	8260
Zone "R" Dolomite	9600

4. Casing and Cementing Program

13 3/8" Surface to 700':	Cement to surface with 740 sx Class "C" w/2% CaCl ₂
8 5/8" Intermediate to 5500':	Cement to surface with 1270 sx Modified Lite followed by 210 sx Class "C"
5 1/2" Prod. casing to 10,400':	Cement to 4500' with 500 sx Modified Lite followed by 520 sx Class "H" 50/50 Pozmix

5. Pressure Control Equipment (Exhibits A & B)

13 3/8" Surface:	13 5/8" 3000 psi working pressure annular preventor tested to 3000 psi
	13 5/8" 3000 psi working pressure pipe and blind rams tested to 3000 psi
8 5/8" Intermediate:	11" 5000 psi working pressure annular preventor tested to 5000 psi
	11" 5000 psi working pressure pipe rams and blind rams tested to 5000 psi

6. Proposed Mud Program

0 - 700	Fresh Water; Mud Wt - 8.5 - 9.0, Viscosity 28-30 Sec
700 - 5,500	Brine Water; Mud Wt - 9.0 - 9.5, Viscosity 28-32 Sec
5,500 - 7,700	Fresh Water; Mud Wt - 9.5 - 9.8, Viscosity 28-35 Sec
8,100 - 10,400	Fresh Water/Gel/Polymer; Mud Wt - 8.8 - 9.4. Viscosity

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