

MARATHON OIL COMPANY
C. J. SAUNDERS WELL NO. 3
Additional Information to
Comply With NTL-6

1. Geologic Name of Surface Formation:
Quaternary
2. Estimated Tops of Important Geologic Markers:
Anhydrite - 1400'
Salt - 1500'
Base Salt - 2500'
3. Estimated Depth of Anticipated Water, Oil, or Gas Bearing Formations:
Ogallala (Water) - 150'
Yates (Gas) - 2672'
Queen (Gas) - 3378'
Grayburg (Oil) - 3630'
Blinebry (Oil) - 5500'
Drinkard (Oil) - 6500'
4. Proposed Casing Program:
See attached application.
5. Blowout Equipment Specifications:
 - 900 Series Cameron or equivalent with 10" API flange connections
 - Pressure tested to 1500 psi minimum.
 - Will have both manual and remote controls on pipe and blank rams.
 - Pipe rams will be operated daily and blind rams will be operated every time drill pipe is tripped out of the hole.(See attached schematic)
6. Proposed Mud Program:

0' - 1450'	Fresh water containing bentonite and lime.
	Mud wt.: 8.5-9.0 ppg; viscosity: 33-34 sec.
1450' - 6500'	Brine water.
	Mud wt.: 10 ppg; viscosity: 29 sec.
6500' - T.D.	Brine water containing attapulgate and starch.
	Mud wt.: 10-10.1 ppg; viscosity: 36-38 sec.
7. Auxiliary Equipment:
A stabbing valve will be kept on the floor to be used when the kelly is not in the string.
8. Testing, Logging and Coring Programs:

No cores will be taken. The logging program is as follows:

Compensated Neutron and Compensated Density	T.D. to 2400'
Gamma Ray and Caliper	T.D. to surface
Dual Laterolog with Gamma Ray	T.D. to 2400'
Cement Bond-Collar Log with Gamma Ray	T.D. to top of cement

No DST's are anticipated. During completion operations.
The Drinkard zone will be tested into frac tanks to determine productivity before switching to the main production facilities.