

**Application Requirement No. VI**  
**Well Data & Wellbore Diagram of Wells in Area of Review**

**Yates Petroleum**  
**Mescalero ARL State #1**

API #30-025-33969  
 330' FSL & 330' FEL  
 Sec. 2 - T10S - R32E  
 Lea County, NM  
 Completed in 11/97

CASING DATA					
Hole Size	Casing Size	Setting Depth	Sacks of Cement	Top Of Cement	
14 3/4"	11 3/4"	405'	300sx	Circulated	
11"	8 5/8"	2995'	1200sx	Circulated	
7 7/8"	5 1/2"	9535'	300sx	8500' - Est.	

**7500**  
**by CBL**

11 3/4" @ 405'  
 Cemented w/300sx Class "C" - Circ

8 5/8" @ 2995'  
 Cemented w/1200sx - Circulated

2 7/8" Tubing to 8708' ?

**> INJECTION ZONE**  
**4350 - 4470**

**TOC = 7500'**

Estimated Top of Cement @ 8500' ?

PBTD 9482'  
 5 1/2" set @ 9535'  
 Cement 5 1/2" w/300sx

TD @ 9535

- Perforations @ 8668' - 8684' (Bough "B")
- Perforations @ 8718' - 8728' (Bough "C")
- Perforations @ 8831' - 8864' (Bough)
- Perforations @ 8996'-9002' (Bough)
- Perforations @ 9242-9246' (Cisco)
- Perforations @ 9435'-9456' (Cisco?)

BEFORE THE OIL CONSERVATION DIVISION  
 Santa Fe, New Mexico  
 Case No. 13707 Exhibit No. 5  
 Submitted by:  
**YATES PETROLEUM CORPORATION**  
 Hearing Date: May 11, 2006