5. GEOLOGICAL TOPS: RKB 3592' est GL 3575'

FORMATION	DEPTH	SUBSEA
Queen	822'	+2770
San Andres	1522'	+2070
Glorietta	2922'	+ 670
Tubb	4282'	- 690
Abo	5022'	-1430
Wolfcamp	6232'	-2640
Wolfcamp Bursum	7012'	-3420
Strawn	8023'	-4431
Atoka	8428'	-4836
Morrow	8543'	-4951
Miss/Chester/Shale	8623'	-5031
Miss/Chester/Lime	8763'	-5171
TD	8850'	-5258

6. Rig should be keep 10' drilling time from base of 8 5/8" casing to TD. Mud logger will plot 2' drilling time from 6000' to TD.

7. Geologists:

Office No. 915/683-5391
Home Nos.
Joseph W. Jeffers   915/682-9202
Charles D. Preston   915/697-1304
Marion E. Causey   915/694-9791

Office Address: Field Address:
Mesa Petroleum Co.   Mesa Petroleum Co.
1000 Vaughn Building   P.O. Box 1756
Midland, Texas   79701   Hobbs, New Mexico   88240

E. RIG ALIGNMENT

The toolpusher shall determine at least once each day that the rig is properly aligned over the hole. No rough hardbanded drill pipe will be run inside casing.

F. NOTIFICATION

Daily reports are to be called to Mesa's Hobb's office (505/393-4425) 7:00 AM (mountain). On weekends and holidays, reports are to be called to Mr. Jim Wooten (505/393-6033) alternate, Mr. Jim Hart (505/393-4317) at the same time. Reports will include present depth and operation, formation, mud properties, straight hole test, bit record, daily and cumulative mud and water costs and other pertinent information.

Legible copies (two each, if possible) of the IADC daily drilling reports should be mailed weekly to the Midland office: 1000 Vaughn Bldg/Midland, TX 79701.

The NMOCD (505/746-4861) must be notified in sufficient time to witness cementing operations on 13 3/8" and 8 5/8" casing.

SAD/mf

XC: TLS, MEC, FILE, JWH (3), HEB, JWJ, MORANCO (2)