

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS
PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

October 13, 1997

Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210

RE: Cottonwood Ranch MK State #5
2160' FNL & 330' FEL
Sec. 36, T6S, R25E
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
517'	1/2
944'	1/2
1253'	1/2
1625'	1/2
2239'	1/2
2766'	1/2
3255'	3/4
3606'	3/4
4094'	1
4445'	1
4852'	1
5200'	1

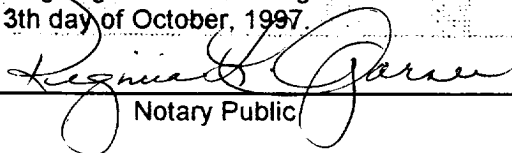
Very truly yours,



Eddie C. LaRue
Vice President

STATE OF NEW MEXICO
COUNTY OF EDDY

The foregoing was acknowledged before me
this 13th day of October, 1997.


Notary Public