

L & M DRILLING, INC.

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

January 24, 2000

Mack Energy Corporation
PO Drawer 960
Artesia, NM 88211-0960

RE: White Star Federal #4
2230' FNL & 1650' FEL
Sec. 29, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
330'	3/4°
449'	3/4°
622'	1°
806'	1°
900'	1°
1084'	1°
1233'	3/4°
1487'	1°
1811'	1 1/2°
1885'	2°
1979'	1 1/2°
2041'	1 1/4°
2136'	1 1/4°
2291'	1 1/2°
2396'	1°
2854'	1 1/2°
3295'	3/4°
3778'	1°
4276'	1°
4468'	1/4°

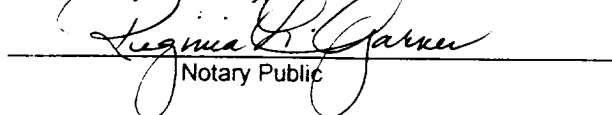
Very truly yours,

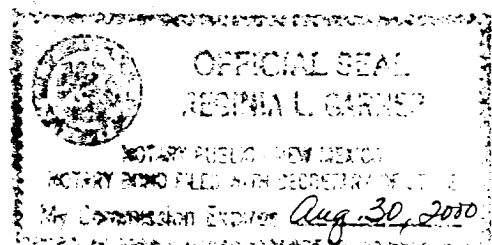


Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 24th day of January, 2000.


Notary Public



00-01-05

SERVING SOUTHEAST NEW MEXICO AND WEST TEXAS SINCE 1978