

L & M DRILLING, INC.

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

December 10, 1997

Shahara Oil Corporation
PO Box 3232
Carlsbad, NM 88220

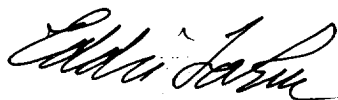
RE: Phillips State #9 *Unit F*
1335' FNL & 1335' FWL
Sec. 16, T17S, R33E *30-025-34090*
Lea County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
511'	1/4
990'	1/4
1486'	1/2
1982'	1/2
2455'	1/2
2938'	3/4
3505'	1
3970'	1 1/4
4498'	1 1/2
4950'	1 1/2

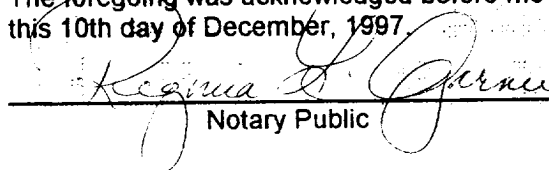
Very truly yours,



Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 10th day of December, 1997.


Notary Public