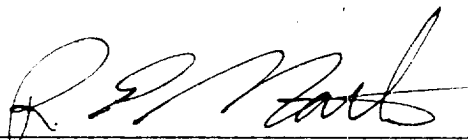


MESA PETROLEUM CO.
KAREN FEDERAL #1
660' FNL & 990' FWL, SEC 25, T9S, R24E
CHAVES COUNTY, NEW MEXICO

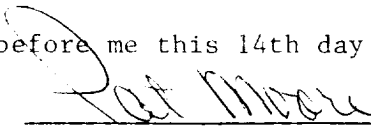
RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
203'	$\frac{1}{4}^{\circ}$
501'	$\frac{3}{4}^{\circ}$
955'	$\frac{1}{2}^{\circ}$
1120'	2°
1365'	$1\frac{1}{2}^{\circ}$
1612'	$1\frac{1}{2}^{\circ}$
2110'	$\frac{3}{4}^{\circ}$
2607'	1°
3103'	$\frac{3}{4}^{\circ}$
3628'	$\frac{3}{4}^{\circ}$
4132'	1°



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 14th day of July, 1982.



Notary Public in and for Midland
County, Texas.

Commission Expires: JUNE 26, 1985

