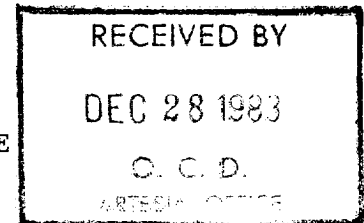


C/8 '84

MESA PETROLEUM CO.
DEPCO FEDERAL #2
1485' FNL & 660' FWL, SEC. 4, T16S, R28E
EDDY COUNTY, NEW MEXICO



RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATION</u>
361'	1/2°
920'	1/2°
1850'	1/2°
2328'	3/4°
2916'	1°
3540'	1°
4280'	1 1/4°
4825'	1 1/4°
5323'	1 1/4°
5886'	3°
6130'	4 1/2°
6193'	4 1/2°
6250'	4 1/2°
6284'	4 1/2°
6310'	4°
6384'	3 3/4°
6468'	3°
6561'	3 3/4°
6624'	2 3/4°
6719'	2 1/4°
6809'	2 1/2°
6951'	1 3/4°
7137'	1 1/4°
7636'	1/2°
8275'	3/4°
8847'	1 1/4°
9330'	2 3/4°

R. E. Mathis
R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 15th day of December, 1983.

Laura Fox
Notary Public in and for Potter Co., TX
Commission Expires: 8/22/87