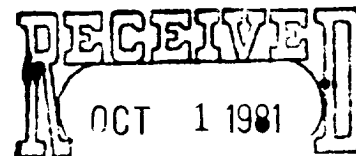


MESA PETROLEUM CO.  
COTTONWOOD FEDERAL #1  
1980' FSL & 660' FEL, SEC 26, T6S, R25E  
CHAVES COUNTY, NEW MEXICO



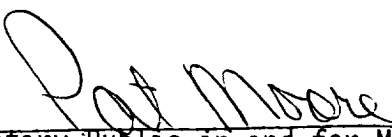
RECORD OF INCLINATION

OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWell, NEW MEXICO

<u>(DEPTH)</u>	<u>(DEVIATIONS)</u>
300'	1/2°
791'	3/4°
1342'	1 1/4°
1680'	1°
2240'	1°
2552'	1 1/2°
2985'	1 1/4°
3505'	1 1/2°
4250'	1 3/4°

  
BY: R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 30th day of September, 1981.

  
Notary Public in and for Midland County,  
Texas.

Commission Expires: June 26, 1985