

RECEIVED

NOV - 1973

INCLINATION REPORT

D. C. C.  
ARTESIA, OFFICE

Field Name South Carlsbad County Eddy State New Mexico  
Operator Mobil Oil Corporation Address Box 633 Midland, Texas 79701  
Lease Name & No. Federal "MM" Well No. 1 Survey Totco

RECORD OF INCLINATION

Depth (feet)	Angle of Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
365	1/2	3.21	3.21
655	3/4	3.80	7.01
900	1	4.29	11.30
998	1	1.71	13.01
1147	1	2.61	15.62
1260	1 1/4	2.46	18.08
1389	1 1/2	3.38	21.46
1534	1 3/4	4.42	25.88
1620	2	3.00	28.88
1680	1 1/2	1.57	30.45
2075	1 1/4	8.61	39.06
2205	1/2	1.14	40.20
2704	1/2	4.39	44.59
3200	1/2	4.36	48.95
3690	3/4	6.42	55.37
4215	3/4	6.88	62.25
5175	1/2	8.45	70.70
5600	1/4	1.87	72.57
6100	1 1/4	10.90	83.47
6650	1 1/2	14.41	97.88
7190	1 1/4	11.77	109.65
7660	1	8.23	117.88
8200	1 1/4	11.77	129.65
8770	1 1/2	14.93	144.58
8890	1 1/4	2.62	147.20
9400	1 1/4	11.12	158.32
10,350	1 3/4	28.98	187.30
10,750	1/2	3.52	190.82
11,175	3/4	5.57	196.39
11,770	3/4	7.79	204.18
12,050	3/4	3.67	207.85
Total Displacement			207.85

Survey was run in Open Hole Distance -o the nearest lease line 660' feet

Certification of personal knowledge of Inclination Data:

I hereby certify that I have personal knowlege of the data and facts placed on this form, and that such information given above is true and complete.

State of Texas )  
County of Midland )

Delton Marcum  
Signature  
MARCUM DRILLING COMPANY  
Company

Before me, the undersigned, a Notary Public in and for said County and State, on this day personally appeared DELTON MARCUM, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that ne executed the same for the purpose and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 1st DAY OF October 19 73

My Commission Expires

June 1, 1973

Cliff M. Schaub  
Notary Public in and for said County & State