

INCLINATION REPORT

Field Name Crossroads (Devonian) County Lea State New Mexico  
Operator Mobil Oil Corporation Address P. O. Box 633 Midland, Texas 79701  
Lease Name & No. Santa Fe Pacific Well No. 10 Survey Totco

RECORD OF INCLINATION

Depth (feet)	Angle of Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
360	1/4	1.58	1.58
860	1/2	4.40	5.98
1400	1	9.45	15.43
1540	3/4	1.83	17.26
2520	1	17.15	34.41
2776	3/4	3.35	37.76
3585	1 1/4	17.64	55.40
4010	1	7.44	62.84
4840	3/4	10.87	73.71
5000	3/4	2.10	75.81
6240	1 1/4	27.03	102.84
8100	1	32.55	135.39
8350	1	4.38	139.77
8535	3/4	2.42	142.19
8755	3/4	2.88	145.07
9530	1	13.56	158.63
9905	1 1/2	9.83	168.46
10,190	1	4.99	173.45
10,755	2 1/2	24.63	198.08
11,640	1 1/4	19.29	217.37
11,990	2	12.22	229.59
12,108	1 3/4	3.60	233.19

Total displacement 233.19

Survey was run in Open Hole Distance to the nearest lease line 330 feet

Certification of personal knowledge of Inclination Data:

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

Delton Marcum  
Signature

MARCUM DRILLING COMPANY  
Company

State of Texas        )  
County of Midland    )

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 he 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 6<sup>th</sup> DAY OF December 19 72

My Commission Expires

1 Jan. 73  
Notary Public in and for said County and State