

INCLINATION REPORT

Field Name East Shoe Bar Devonian County LEA 235 State TX 69 New Mexico
Operator Jake L. Hamon 908 Vaughn Building City Midland, Texas 79701
Lease Name & No. State "B" 2330 Well No. 1 Survey Totco

RECORD OF INCLINATION

Depth (feet)	Angle of Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
100	3/4	1.31	1.31
435	3/4	4.39	5.70
956	1/4	2.29	7.99
1539	3/4	7.64	15.63
1900	1/2	3.18	18.81
2550	3/4	8.52	27.33
2976	1	7.46	34.79
3320	1 3/4	10.49	45.28
3565	1 1/2	6.42	51.70
3875	1 1/4	6.76	58.46
4188	1	5.48	63.94
4250	3/4	.81	64.75
4735	1/2	4.27	69.02
4900	3/4	2.16	71.18
5202	3/4	3.96	75.14
5594	1/2	3.45	78.59
6060	1/2	4.10	82.69
6677	1/2	5.43	88.12
7295	1/4	2.72	90.84
7800	1/4	2.22	93.06
8330	1/4	2.33	95.39
8862	1/2	4.68	100.07
9190	1 1/4	7.15	107.22
9462	1/4	1.64	108.86
10,010	1/2	4.82	113.68
10,490	1/4	2.11	115.79
10,990	1	8.75	124.54
11,305	1 1/2	8.25	132.79
11,612	2	10.71	143.50
11,900	1 3/4	8.78	152.28
12,170	2 1/2	11.77	164.05
12,345	2 3/4	8.40	172.45
12,460	3 1/4	6.52	178.97
12,665	3 1/4	11.62	190.59
12,790	3 1/2	7.63	198.22
12,890	3 1/4	5.67	203.89
13,040	3 1/4	8.51	212.40
Total Displacement			212.40

Survey was taken in Open Hole Distance to the nearest lease line _____ feet

Certification of personal knowledge 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.

Debra 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 Debra 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 16th DAY OF June 1969.

My Commission Expires

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

