

INCLINATION REPORT

Field Name North Vacuum (Abo) County LEA State NEW MEXICO

Operator MALLARD PETROLEUM, INC. Address V & J TOWER BUILDING

MIDLAND, TEXAS 79701 Lease Name STATE "A" Well Number 1

Survey 2054 feet FSL and 2162 feet FEL of Sec. 24, T-17-S, R-34-E.

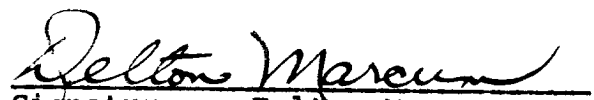
Record of Inclination

<u>Depth (feet)</u>	<u>Angle of Inclination (degrees)</u>	<u>Displacement (feet)</u>	<u>Accumulative Displacement</u>
400	1/4	1.76	1.76
917	1/2	4.55	6.31
1605	1	12.04	18.35
2100	1/2	4.36	22.71
2620	1 3/4	15.32	38.03
2870	1 1/2	6.55	44.58
3260	3/4	5.11	49.69
3560	1 1/4	6.54	56.23
3795	2	8.08	64.31
4100	1	5.34	69.65
4360	3/4	3.41	73.06
4660	1 1/4	6.54	79.60
4877	1	3.80	83.40
5450	1 3/4	17.48	100.88
6058	2 1/2	26.51	127.39
6435	2 1/4	14.82	142.21
7125	1 1/4	15.04	157.25
7775	1 1/4	14.17	171.42
7936	1/2	1.42	172.84
8380	1	7.77	180.61
8518	1	2.41	183.02
8750	3/4	3.04	186.06
9005	1 1/4	5.56	191.62
9400	1 1/4	8.61	200.23
9540	1 1/4	3.05	203.28
10,130	3/4	7.73	211.01
Total Displacement			<u>211.01</u>

Survey was taken in open hole.

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.


STATE OF TEXAS)
)
COUNTY OF MIDLAND)


Signature: Delton Marcum
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 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 17th DAY OF OCTOBER, 1968.

My Commission Expires


Notary Public in and for
said County and State