

INCLINATION REPORT

Field Name Vulcan gas, north County Lea State New Mexico
 Operator Mobil Oil Corporation Address P. O. Box 633 Midland, Texas 79701
 Lease Name & No. Bridges-State Well No. 148 Survey Sec 11, T-17-S, R-34-E

RECORD OF INCLINATION

Depth (feet)	Angle of Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
400	1/2	3.52	3.52
1099	1	12.23	15.75
1600	1 1/2	13.13	28.88
1725	1 1/4	2.73	31.61
2262	1 1/4	11.71	43.32
2763	3/4	6.56	49.88
3638	1/2	7.70	57.58
4164	1/4	2.31	59.89
4791	1	10.97	70.86
5110	1/2	2.81	73.67
5531	1/2	3.70	77.37
6025	3/4	6.47	83.84
6578	1 1/4	12.06	95.90
7570	3/4	13.00	108.90
7744	3/4	2.28	111.18
8289	1	9.54	120.72
8700	1 1/4	11.12	131.84
Total displacement			<u>131.84</u>

Survey was run in Open Hole Distance to the nearest lease line _____ 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.

Signature

MARCUS 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 Robert M. Schenk, 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 1st DAY OF January 1971

My Commission Expires

Robert M. Schenk
Notary Public in and for said County & State