

MARCUM DRILLING COMPANY

P. O. BOX 5094

MIDLAND, TEXAS 79701

January 13, 1969

AO 918 MV 8-1888

Jako L. Hamon
708 Vaughn Building
Midland, Texas 79701

Deviation of State A-1320 No. 1 Well, located 510' FNL & 1980' FEL of
Section 31, T-16-S, R-36-E, Lea County, New Mexico.

Depth	Deviation degrees
415'	3/4
1,460	3/4
2,007	1/2
2,459	3/4
2,725	3/4
3,125	1 1/4
3,360	1
3,534	3/4
4,040	3/4
4,245	1/2
4,835	3/4
4,935	1
5,506	1 1/4
6,324	1 1/4
6,730	1
7,614	3/4
7,885	1 1/4
8,158	1 1/2
8,254	1
8,758	1/4
8,881	1/4
8,985	1
9,048	3/4
9,111	1
9,170	3/4
9,243	1/2
9,350	3/4
9,580	1/4
9,812	1/2
10,480	1
10,935	1 1/4
11,370	2
11,760	1 1/4
12,101	1 3/4
12,660	1
13,005	1

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.

Walter 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 *Walter 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 20th DAY OF January, 1969.

My Commission Expires June 1, 1969

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