

OPERATOR: MARATHON OIL CO.

ADDRESS: P. BOX 552
MIDLAND, TX 79702LEASE NAME: MCDONALD STATE A/C-1
LOCATION: LEA COUNTY, NEW MEXICOWELL: #34 FIELD: _____
2620/N + 25/E 16-22-36

Measured Depth	Angle of Inc.	Displacement Per 100 ft.	Accumulative Displacement
166 *	0.25	0.44 *	0.7304
450 *	0.50	0.87 *	3.2012
915 *	0.75	1.31 *	9.2927
1410 *	0.25	0.44 *	11.4707
1910 *	1.75	3.05 *	26.7207
2252 *	0.75	1.31 *	31.2009
2497 *	2.00	3.49 *	39.7514
2590 *	2.00	3.49 *	42.9971
2682 *	2.00	3.49 *	46.2079
2774 *	2.50	4.36 *	50.2191
2866 *	2.75	4.80 *	54.6351
2957 *	3.00	5.23 *	59.3944
3049 *	2.75	4.80 *	63.8104
3513 *	1.50	2.62 *	75.9672
4000 *	0.75	1.31 *	82.3469

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

Cathy Pearce
TITLE: DRILLING SECRETARY

AFFIDAVIT:

Before me, the undersigned authority, appeared Cathy Pearce known to me to be the person whose name is subscribed hereabove, who, on making deposition, under oath states that she is acting for and in behalf of the Operator of the well identified above, and that to the best of her knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Sharon L. Robinson
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this 12 day of August, 1991.

Sharon L. Robinson
Notary Public in and for the
County of Midland, State of Texas.

