

OPERATOR: MARATHON OIL CO.
LEASE NAME: MCDONALD STATE A/C-1
LOCATION: LEA COUNTY, NEW MEXICO

ADDRESS: P. O. BOX 552
MIDLAND, TX 79702

WELL: #42 FIELD: 1340N J 2630E 16-22-36

Measured Depth	Angle of Inc.	Displacement Per 100 ft.	Accumulative Displacement
199 *	0.50	0.87 *	1.7313
452 *	0.50	0.87 *	3.9324
940 *	0.50	0.87 *	8.1780
1404 *	0.25	0.44 *	10.2196
1887 *	0.75	1.31 *	16.5469
2280 *	0.75	1.31 *	21.6952
2514 *	3.50	6.10 *	35.9692
2625 *	4.00	6.98 *	43.7170
2718 *	4.00	6.98 *	50.2084
2810 *	3.75	6.54 *	56.2252
2903 *	3.75	6.54 *	62.3074
2997 *	3.25	5.67 *	67.6372
3027 *	3.75	6.54 *	69.5992
3081 *	3.00	5.23 *	72.4234
3369 *	1.75	3.05 *	81.2074
3864 *	1.50	2.62 *	94.1764
4000 *	1.50	2.62 *	97.7396

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

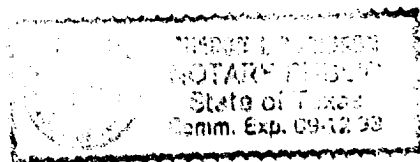
AFFIDAVIT:

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.

Rebecca Edwards
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this 23 day of August, 1991.

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



RECEIVED

SEP 4 - 1991

NORTHWEST OPERATIONS