

OPERATOR: MARATHON OIL COMPANY
LEASE NAME: MCDONALD STATE
LOCATION: LEA County, New Mexico

ADDRESS: P. O. BOX 52
MIDLAND, TX 79702
WELL: #39 FIELD: _____

30-025 3142

1984/N + 1980/E 15-72-36

Measured Depth	Angle of Inc.	Displacement Per 100 ft.	Accumulative Displacement
204 *	0.25	0.44 *	0.8976
445 *	0.75	1.31 *	4.0547
921 *	0.75	1.31 *	10.2903
1420 *	0.50	0.87 *	14.6316
1763 *	1.00	1.75 *	20.6341
1978 *	1.00	1.75 *	24.3966
2193 *	1.00	1.75 *	28.1591
2439 *	2.75	4.80 *	39.9671
2607 *	3.25	5.67 *	49.4927
2682 *	4.00	6.98 *	54.7277
2774 *	3.75	6.54 *	60.7445
2868 *	4.00	6.98 *	67.3057
2953 *	3.75	6.54 *	72.8647
3051 *	3.25	5.67 *	78.4213
3341 *	0.75	1.31 *	82.2203
3326 *	0.75	1.31 *	82.0238
3793 *	0.75	1.31 *	88.1415
4000 *	1.00	1.75 *	91.7640

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.

Linda Robinson
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this 20 day of September, 1991.

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

