

INCLINATION REPORT

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

ADDRESS: P. O. BOX 552
MIDLAND, TX 79702
WELL: #47 FIELD: _____

Measured Depth	Angle of Inc.	Displacement Per 100 ft.	Accumulative Displacement
220 *	0.25	0.44 *	0.9680
450 *	1.00	1.75 *	4.9930
731 *	1.00	1.75 *	9.9105
1223 *	0.75	1.31 *	16.3557
1881 *	2.50	4.36 *	45.0445
2004 *	2.00	3.49 *	49.3372
2096 *	1.75	3.05 *	52.1432
2219 *	2.25	3.93 *	56.9771
2387 *	3.00	5.23 *	65.7635
2479 *	3.25	5.67 *	70.9799
2586 *	2.75	4.80 *	76.1159
2676 *	3.25	5.67 *	81.2189
2767 *	3.25	5.67 *	86.3786
2859 *	3.00	5.23 *	91.1902
2984 *	2.25	3.93 *	96.1027
3098 *	1.75	3.05 *	99.5797
3561 *	1.50	2.62 *	111.7103
4000 *	1.25	2.18 *	121.2805

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 30 day of September 1991

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

