

OPERATOR: MARATHON OIL CO

ADDRESS: P. O. BOX 552
MIDLAND, TX 79702LEASE NAME: MCDONALD STATE ^{A/C-1 WSW} ~~SW~~
LOCATION: LEA COUNTY, NEW MEXICOWELL: #1 FIELD: _____
2480/811660/E

Measured Depth	Angle of Inc.	Displacement Per 100 ft.	Accumulative Displacement
185 *	0.50	0.87 *	1.6095
480 *	0.75	1.31 *	5.4740
935 *	1.00	1.75 *	13.4365
1435 *	0.75	1.31 *	19.9865
1897 *	0.75	1.31 *	26.0387
2390 *	1.75	3.05 *	41.0752
2575 *	3.00	5.23 *	50.7507
2853 *	2.75	4.80 *	64.0947
2935 *	2.75	4.80 *	68.0307
3060 *	2.50	4.36 *	73.4807
3130 *	1.75	3.05 *	75.6157
3375 *	1.25	2.18 *	80.9567
3878 *	1.25	2.18 *	91.9221
4262 *	1.25	2.18 *	100.2933
4700 *	1.25	2.18 *	109.8417

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

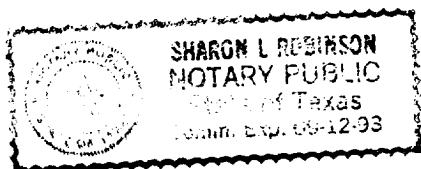
Cathy Pearce
TITLE: DRILLING SECRETARY

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 2 day of Mar, 1991.



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