

INCLINATION REPORT

30-025-3158

OPERATOR: MARATHON OIL CO.

ADDRESS: P. O. BOX 552
MIDLAND, TX 79702LEASE NAME: MCDONALD STATE A/c-1
LOCATION: LEA COUNTY, NEW MEXICO

WELL: #32 FIELD: _____

1340/8 + 1260/E

16-22-36

Measured Depth	Angle of Inc.	Displacement Per 100 ft.	Accumulative Displacement
244 *	0.50	0.87 *	2.1228
461 *	0.50	0.87 *	4.0107
888 *	0.75	1.31 *	9.6044
1410 *	1.00	1.75 *	18.7394
1888 *	1.25	2.18 *	29.1598
2275 *	1.50	2.62 *	39.2992
2460 *	2.75	4.80 *	48.1792
2513 *	3.50	6.10 *	51.4122
2770 *	3.25	5.67 *	65.9841
2894 *	3.75	6.54 *	74.0937
2955 *	3.50	6.10 *	77.8147
3018 *	3.00	5.23 *	81.1096
3189 *	3.00	5.23 *	90.0529
3210 *	2.50	4.36 *	90.9685
3300 *	2.75	4.80 *	95.2885
3784 *	1.75	3.05 *	110.0505

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

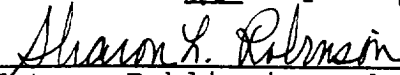
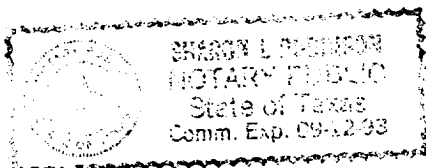

 TITLE: DRILLING SECRETARY

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.


 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this 23 day of August, 19 91.


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


RECEIVED

SEP 4 - 1991

NORTHWEST OPERATIONS