

INCLINATION REPORT

RECEIVED

OPERATOR: Doyle Hartman

ADDRESS: P. O. Box 10426
Midland, Texas 79702

LEASE NAME: Jack A-20

Dec 6 WELL# 111

FIELD: _____

LOCATION: Lea, New Mexico

2/80/81 193012 20-24-37

Measured Depth	Angle of Inc.	Displacement Per 100 ft.	Accumulative Displacement
470 *	0.50	0.87 *	4.0890
950 *	0.75	1.31 *	10.3770
1422 *	1.50	2.62 *	22.7434
1515 *	1.50	2.62 *	25.1800
1638 *	1.25	2.18 *	27.8614
1887 *	1.00	1.75 *	32.2189
2136 *	1.50	2.62 *	38.7427
2258 *	1.75	3.05 *	42.4637
2380 *	1.75	3.05 *	46.1847
2503 *	2.00	3.49 *	50.4774
2596 *	2.00	3.49 *	53.7231
2720 *	2.75	4.80 *	59.6751
2776 *	2.25	3.93 *	61.8759
2931 *	1.50	2.62 *	65.9369
3196 *	1.25	2.18 *	71.7139
3460 *	0.75	1.31 *	75.1723

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANYRebecca Edwards

TITLE: DRILLING SECRETARY

AFFIDAVIT:

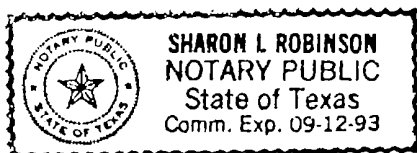
Before me, the undersigned authority, appeared Rebecca Edwards known to me to be the person whose name is subscribed hereabove, who, on making deposition, under oath states that she is acting for and in behalf of the Operator of the well identified above, and that to the best of her knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Rose McCallum
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this 1 day of November, 1989.

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

My Commission Expires: 9/12/93



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DEC 14 1967

QSD

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