

INCLINATION REPORT

30-025-30897

OPERATOR: Santa Fe Energy

ADDRESS: 500 W. Illinois, Box 500
Midland, TX 79701

LEASE NAME: Young North 7 Federal WELL#: 1

LOCATION: Lea County, New Mexico

FIELD: '91 00 25 AM 9 51

2310/N & 1650/E 7-18-32

Measured Depth	Angle of Inc.	Displacement Per 100 ft.	Accumulative Displacement
432 *	1.00	1.75 *	7.5600
927 *	0.50	0.87 *	11.8665
1400 *	0.50	0.87 *	15.9816
1886 *	0.75	1.31 *	22.3482
2383 *	1.50	2.62 *	35.3696
2500 *	0.75	1.31 *	36.9023
2976 *	0.25	0.44 *	38.9967
3472 *	0.50	0.87 *	43.3119
3964 *	0.75	1.31 *	49.7571
4455 *	1.00	1.75 *	58.3496
4980 *	0.75	1.31 *	65.2271
5447 *	1.00	1.75 *	73.3996
5938 *	1.75	3.05 *	88.3751
6344 *	1.75	3.05 *	100.7581
6837 *	2.25	3.93 *	120.1330
7214 *	1.75	3.05 *	131.6315
7701 *	1.75	3.05 *	146.4850
8195 *	1.75	3.05 *	161.5520
8690 *	2.00	3.49 *	178.8275
9028 *	1.50	2.62 *	187.6831
9183 *	2.00	3.49 *	193.0926
9428 *	1.75	3.05 *	200.5651
9677 *	1.50	2.62 *	207.0889
10153 *	1.50	2.62 *	219.5601
10414 *	1.25	2.18 *	225.2499
10800 *	0.50	0.87 *	228.6081

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

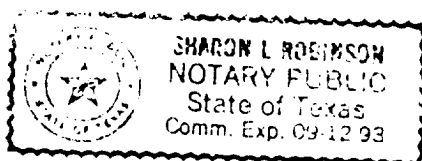
CACTUS DRILLING COMPANY

Rebecca 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.

Rebecca Edwards
AFFIANT'S SIGNATURESworn and subscribed to in my presence on this 3 day of July, 1990.

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