

INFORMATION REPORT

OPERATOR: SANTA FE ENERGY
LEASE NAME: KACHINA 5 FEDERAL
LOCATION: LEA COUNTY, NEW MEXICO

ADDRESS: 500 WEST ILLINOIS, SUITE 500
MIDLAND, TX 79701
WELL: #2 FIELD: _____
1980/MS # 664/E
5-18-33

Measured Depth	Angle of Inc.	Displacement Per 100 ft.	Accumulative Displacement
200 *	0.50	0.87 *	1.7400
476 *	0.50	0.87 *	4.1412
970 *	0.25	0.44 *	6.3148
1440 *	0.50	0.87 *	10.4038
1935 *	0.75	1.31 *	16.8883
2240 *	0.75	1.31 *	20.8838
2710 *	1.00	1.75 *	29.1088
3100 *	1.25	2.18 *	37.6108
3580 *	0.50	0.87 *	41.7868
4070 *	0.50	0.87 *	46.0498
4570 *	1.25	2.18 *	56.9498
5055 *	0.75	1.31 *	63.3033
5476 *	1.50	2.62 *	74.3335
5960 *	1.50	2.62 *	87.0143
6456 *	1.50	2.62 *	100.0095
6910 *	2.75	4.80 *	121.8015
7076 *	2.25	3.93 *	128.3253
7290 *	3.25	5.67 *	140.4591
7564 *	2.75	4.80 *	153.6111
7840 *	2.75	4.80 *	166.8591
8123 *	3.00	5.23 *	181.6600
8359 *	2.75	4.80 *	192.9880
8707 *	2.00	3.49 *	205.1332
9175 *	2.25	3.93 *	223.5256
9523 *	2.25	3.93 *	237.2020
10020 *	1.50	2.62 *	250.2234
10500 *	1.00	1.75 *	258.6234
10750 *	2.25	3.93 *	268.4484
10939 *	1.00	1.75 *	271.7559
11435 *	1.75	3.05 *	286.8839
11500 *	1.75	3.05 *	288.8664

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 17 day of July, 1991.

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

