

LANDIS DRILLING COMPANY  
P. O. BOX 3579  
MIDLAND, TEXAS 79702

OPERATOR Santa Fe Energy Company ADDRESS 7200 I-40 West, Amarillo, Texas  
76102  
LEASE NAME State NM "11" #2 WELL NO. 2 FIELD \_\_\_\_\_  
LOCATION 1980' FNL & 660' FWL, Sec. 11, T15S, R32E, Lea County, New Mexico

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
420	1/2	3.67	3.67
934	1/4	2.25	5.92
1,429	1/4	2.16	8.08
1,938	3/4	6.53	14.61
2,368	1	7.68	22.29
2,896	1	9.21	31.50
3,412	1	9.00	40.50
3,909	1	8.67	49.17
4,120	3/4	2.76	51.93
4,612	1/2	4.30	56.23
5109	3/4	6.51	62.74
5,607	3/4	6.52	69.26
6,107	3/4	6.55	75.81
6,645	3/4	7.04	82.85
7,104	1	8.01	90.86
7,598	1/2	4.31	95.17
8,095	1-1/4	10.84	106.01
8,590	2-3/4	23.75	129.76
8,716	2-3/4	6.05	135.81
8,840	2-1/2	5.41	141.22
9,005	2	5.76	146.98
9,245	1	4.19	151.17
9,524	3/4	3.65	154.82
10,017	1	8.60	163.42
10,229	1-1/2	5.55	168.97
10,600	1-1/4	8.10	177.07

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

LANDIS DRILLING COMPANY

Gary W. Chappell  
TITLE Contracts Manager

AFFIDAVIT:

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

Sandy Smith  
AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 7th day of December, 1981.

Sandy Smith  
Notary Public in and for the  
County of Midland, Texas