

OPERATOR Santa Fe Energy Operating Partners, L.P. ADDRESS 500 W. Illinois, Suite 500, Midland, TX
LEASE NAME Sprinkle Federal WELL NUMBER #4
LOCATION 2310' FNL & 1650' FWL, Section 26, T-18-S, R-3-2E, Lea County, New Mexico

DEPTH	ANGLE INCLINATION - DEGREES	DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
353	1/2	3.08	3.08
820	3/4	6.11	9.19
1320	3/4	6.55	15.74
1682	3/4	4.74	20.48
2155	1	8.25	28.73
2644	1	8.53	37.26
2810	1 1/2	4.35	41.61
3304	1 1/4	10.77	52.38
3801	1 1/4	10.84	63.22
4300	1 1/4	10.89	74.11
4772	1	8.24	82.35
5237	1	8.11	90.46
5371	3/4	1.75	92.21
5858	1	8.50	100.71
6334	3/4	6.23	106.94
6827	1	8.60	115.54
7324	1 1/4	10.83	126.37
7822	1 1/4	10.87	137.24
8320	1 1/2	13.04	150.28
8805	1 1/4	10.58	160.86
9288	1 1/2	12.64	173.50
9700	1	7.19	180.69

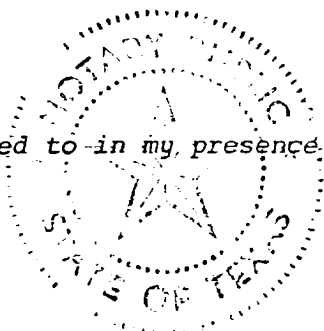
I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

LANDIS DRILLING COMPANY

By: Gary W. Chappell
Title: Vice President - Contracts

AFFIDAVIT:

Before me, the undersigned authority, appeared Gary W. Chappell known to me to be the person whose name is subscribed hereabove, 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.



Sworn and subscribed to in my presence on this the 23rd day of February 1987.

Linnie Travis
AFFIDANT'S SIGNATURE

Linnie Travis
NOTARY PUBLIC
LINNIE TRAVIS
Notary Public in & for
The State of Texas
My Commission Expires 12/31/88