

LANDIS DRILLING COMPANY

P. O. Box 3579
Midland, Texas 79707

OPERATOR Marshall & Winston, Inc. ADDRESS 310 West Tower, #10 Desta Dr., Midland,
LEASE NAME McNeill "A" WELL NUMBER #1 7970
LOCATION 330' FWL & 3000' FNL, Section 6, T-21-S, R-38-E, Lea County, New Mexico

DEPTH	ANGLE INCLINATION - DEGREES	DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
481	3/4	8.39	8.39
972	1 1/4	8.94	17.33
1108	1 1/4	2.97	20.30
1602	1 1/4	10.78	31.08
2095	3/4	6.45	37.53
3595	1 3/4	15.27	52.80
3066	1 3/4	14.38	67.18
3565	1 1/4	10.89	78.07
4036	1 1/4	10.28	88.35
4536	1	8.73	97.08
5033	1	8.67	105.75
5149	3/4	1.52	107.27
5621	1 1/4	8.59	115.86
6120	1	8.71	124.57
6617	1 1/4	10.84	135.41
7087	2 3/4	22.55	157.96
7140	2 1/2	2.31	160.27
7623	2 1/4	19.13	179.40
7815	2 1/2	8.38	187.78

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.

Linnie Travis
AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 27th day of January 19 88.

Linnie Travis
NOTARY PUBLIC

RECEIVED

MAR 10 1988

OCD

HEADS OFFICE