

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

OPERATOR Yates Petroleum Corporation ADDRESS 207 S. 4th, Artesia, NM 88210  
LEASE NAME Etcheverry "WD" State WELL NO. 1  
LOCATION 660'FNL & 2310'FEL, Section 23, T-15-S, R-33-E, Lea County, NM

DEPTH	ANGLE- INCLINATION DEGREES	DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
450	3/4	5.89	5.89
930	1/2	4.19	10.08
1242	1/2	2.72	12.80
1728	3/4	6.36	19.16
2230	3/4	6.57	25.73
2467	3/4	3.10	28.83
2967	1	8.73	37.56
3100	1	2.32	39.88
3577	1	8.32	48.20
4077	1 1/4	10.91	59.11
4230	1 1/4	3.34	62.45
4718	1	8.52	70.97
5206	1	8.52	79.49
5486	1 1/4	6.11	85.60
5982	1 1/4	10.82	96.42
6477	1 1/4	10.80	107.22
6971	1	8.62	115.84
7434	1	8.08	123.92
8012	1	10.09	134.01
8514	1	8.76	142.77
8910	1 1/2	10.37	153.14
9540	1 1/2	16.49	169.63
9968	1 1/2	11.21	180.84
10421	1 3/4	13.83	194.67
10865	2	15.50	210.17

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

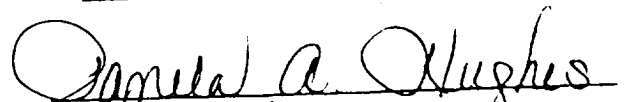
  
TITLE: Vice President - Contracts

AFFIDAVIT:

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

  
AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 24th day of June, 1983.

  
Pamela A. Hughes  
Notary Public in and for the  
County of Midland, Texas