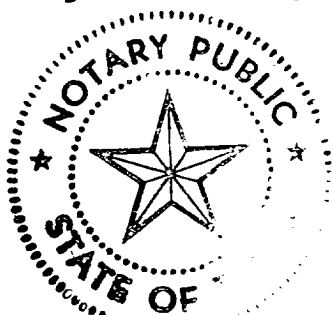


OPERATOR Yates Petroleum Corporation ADDRESS 207 South 4th Street, Artesia, NM 88210  
LEASE NAME Hummingbird "ADM" State #1 WELL NUMBER #1  
LOCATION 2086' FNL & 554' FEL, Section 8, T-16-S, R-37-E, Lea County, New Mexico

DEPTH	ANGLE INCLINATION - DEGREES	DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
450	1/4		
950	1/4	1.97	1.97
1442	1/2	2.19	4.16
1940	3/4	4.30	8.46
2187	1/2	6.52	14.98
2680	1/2	2.16	17.14
3167	1/2	4.30	21.44
3655	3/4	4.25	25.69
4150	1/2	6.39	32.08
4486	3/4	4.32	36.40
4978	1/2	4.40	40.80
5475	1/4	4.30	45.10
5954	3/4	2.17	47.27
6454	3/4	6.27	53.54
6935	1	6.55	60.09
7412	1	8.39	68.48
7899	3/4	8.32	76.80
8369	1	6.37	83.17
8869	1 1/4	8.20	91.37
9368	1	10.91	102.28
9867	1 1/4	8.71	110.99
10,364	1 1/2	10.89	121.88
10,864	1 3/4	13.01	134.89
11,363	1 3/4	15.27	150.16
11,540	1 3/4	15.24	165.40
11,830	1 3/4	5.41	170.81
		8.86	179.67

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 in my presence on this the 7th day of January, 1986.

LINNIE TRAVIS  
Notary Public in & for  
The State of Texas