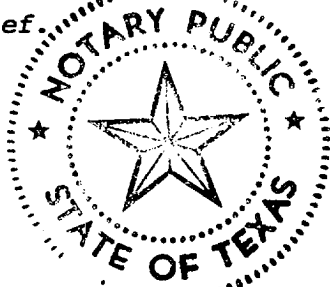


LANDIS DRILLING COMPANY
P. O. Box 3579
Midland, Texas 79702

OPERATOR Yates Petroleum Corporation ADDRESS 207 South 4th, Artesia, New Mexico 88210
LEASE NAME Superior "WA" State #4 WELL NUMBER #4
LOCATION 2310 FNL & 660' FEL, Section 11, T-14-S, R-33-E, Lea County, New Mexico

DEPTH	ANGLE INCLINATION - DEGREES	DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
450	1/2	3.93	3.93
943	1/4	2.15	6.08
1418	3/4	6.22	12.30
1913	1/2	4.32	16.62
2413	1/2	4.37	20.99
2628	3/4	2.81	23.80
3089	3/4	6.03	29.83
3564	1/2	4.15	33.98
4008	3/4	5.81	39.79
4215	1/2	1.81	41.60
4704	1/2	4.27	45.87
5154	3/4	5.89	51.76
5653	3/4	6.53	58.29
6127	1/2	4.14	62.43
6600	3/4	6.19	68.62
7077	1/4	2.08	70.70
7550	1/4	2.07	72.77
8021	1/2	4.11	76.88
8495	3/4	6.20	83.08
8969	3/4	6.20	89.28
9337	1 3/4	11.24	100.52
9835	1	8.69	109.21
10200	1 1/4	7.96	117.17

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

By: Larry H. Chappell
Title: Gary W. Chappell
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 20th day of December 19 85.

Linnie Travis
NOTARY PUBLIC

LINNIE TRAVIS
Notary Public in & for
The State of Texas
My Commission Expires 2-29-88

RECEIVED
MAR 13 1986
C.C.D.
HOBBS OFFICE