

OPERATOR Pennzoil Company ADDRESS P.O. Drawer 1828, Midland, TX 79702
LEASE NAME State 16 WELL NUMBER #3 Unit I
LOCATION 1980' FSL & 660' FEL, Section 16, T-16-S, R-37-E, Lea County, New Mexico

DEPTH	ANGLE INCLINATION - DEGREES	DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
192	1/2	1.68	1.68
445	1	4.41	6.09
927	3/4	6.31	12.40
1398	1	8.22	20.62
1890	1	8.59	29.21
2162	1 1/2	7.12	36.33
2646	1 1/2	12.67	49.00
3115	1 1/4	10.23	59.23
3590	1 1/2	12.44	71.67
4089	1 1/2	13.06	84.73
4400	3/4	4.07	88.80
4885	1/2	4.23	93.03
5385	3/4	6.55	99.58
5884	1	8.71	108.29
6351	1	8.15	116.44
6827	3/4	6.23	122.67
7319	1 1/4	10.74	133.41
7664	3/4	4.52	137.93
8159	1/2	4.32	142.25
8619	1	8.03	150.28
8932	1	5.46	155.74
9432	1	8.73	164.47
9702	3/4	3.53	168.00
10185	1 1/4	10.54	178.54
10663	1 1/2	12.51	191.05
11120	1	7.97	199.02
11220	1	1.75	200.77
11482	1 1/4	5.72	206.49
11930	3/4	5.86	212.35

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

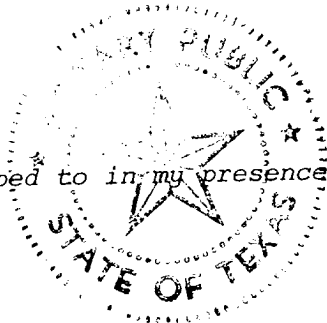
LANDIS DRILLING COMPANY

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 24th day of December 19 86.



Linnie Travis
AFFIDANT'S SIGNATURE

Linnie Travis
NOTARY PUBLIC

LINNIE TRAVIS
Notary Public in & for
The State of Texas
My Commission Expires 12-9-88

RECEIVED
JAN 22 1987
OCD
HOBBS OFFICE