COLUMBIA DRILLING CO., INC.
P. O. DRAWER 3636
MIDLAND, TEXAS 79702-3636

(915) 697-7975

Well Name & Number North Hobbs Unit #33-213

Operator Shell Western E & P Inc.

Location Sec. 33, T18S, R38E, Lea County, New Mexico

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

RECORD OF INCLINATION

*11 Measured Depth (feet)	12 Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
194	194	1 1/2	2.62	5.08	5.08
692	498	1 1/2	2.62	13.05	18.13
1134	442	1	1.75	7.74	25.87
1508	374	1	1.75	6.55	32.42
2427	919	2 1/4	3.93	36.12	68.54
2650	223	4	6.98	15.57	84.11
3029	379	2	3.49	13.23	97.34
3156	127	1	1.75	2.22	99.56
3600	444	1/2	.87	3.86	103.42
4111	511	1/2	.87	4.45	107.87
4370	259	1/4	.44	1.14	109.01

Drilling Contractor: COLUMBIA DRILLING CO., INC.

By: W. C. Hull

Subscribed and sworn to before me this 25 day of January 1985

Notary Public Carole J. Rasco

My Commission Expires 10-29-85

Midland County, Texas

RECEIVED
APR -1 1995
O.C.D.
HOBBS OFFICE