

P. O. Box 991  
Houston, Texas 77001  
Attn: Mr. Eddie Curtis

**COLUMBIA DRILLING CO., INC.**

P. O. DRAWER 3636  
MIDLAND, TEXAS 79702-3636  
(915) 697-7975

Well Name & Number North Hobbs Unit 30-444

Operator Shell Western E&P, Inc.

Location Sec. 30, T18S, R38E, Lea County, N.M.

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)
146	146	3/4	1.31	1.91	1.91
623	477	1	1.75	8.35	10.26
1106	483	1/4	.44	2.13	12.39
1490	384	1/2	.87	3.34	15.73
2395	905	3	5.23	47.33	63.06
2617	222	2-3/4	4.80	10.66	73.72
2793	176	1-3/4	3.05	5.37	79.09
3300	507	1-1/2	2.62	13.28	92.37
3787	487	2	3.49	17.00	109.37
** NOTE: No surveys were run below 3787' due to lost circulation conditions **					

Drilling Contractor: COLUMBIA DRILLING CO., INC.

By: *[Signature]*

Subscribed and sworn to before me this 8 day of March 19 85

*[Signature]*  
Notary Public

Louise Cole Purdy

My Commission Expires 10/07/85

Midland County, Texas