COLUMBIA DRILLING CO., INC.
P. O. DRAWER 3636
MIDLAND, TEXAS 79702-3636
(915) 697-7978

Well Name & Number Speight No. 1

Operator Kern Company

Location Sec. 7, T21S, R37E, 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)
317	317	1/2	.87	2.76	2.76
780	463	3/4	1.31	6.07	8.83
1315	535	3/4	1.31	7.01	15.84
1828	513	3/4	1.31	6.72	22.56
2317	489	1	1.75	8.56	31.12
2787	470	2	3.49	16.40	47.52
2850	63	1-1/2	2.62	1.65	49.17
3137	287	3/4	1.31	3.76	52.93
3642	505	1	1.75	6.62	59.55
4140	498	3/4	1.31	6.52	66.07
4250	110	3/4	1.31	1.44	67.51

Drilling Contractor: COLUMBIA DRILLING CO., INC.

By: W. C. Wolf

Subscribed and sworn to before me this 7th day of May 1982

Roberta L. Bartley
Notary Public Roberta L. Bartley

My Commission Expires May 29, 1985 Midland County, Texas