



ROD RIC CORPORATION

P.O. BOX 1767
MIDLAND, TEXAS 79702
(915) 682-7880

Well Name & Number: Conoco Federal #1 Unit L
Operator: Manzano Oil Corporation 30-025-34958
Location: 2310' FSL & 330' FWL, Sec. 17, T-18-S, R-32-E, Lea County, New Mexico

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

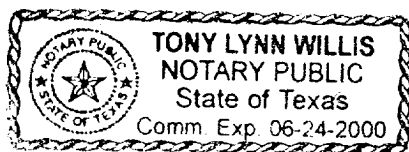
RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
156	156	0.25	0.44	0.69	0.69
488	332	0.50	0.87	2.89	3.58
762	274	0.75	1.31	3.59	7.17
1,034	272	0.25	0.44	1.20	8.37
1,321	287	0.75	1.31	3.76	12.13
1,631	310	0.75	1.31	4.06	16.19
1,912	281	1.00	1.75	4.92	21.11
2,193	281	1.75	3.05	8.57	29.68
2,505	312	1.50	2.62	8.17	37.85
3,005	500	1.00	1.75	8.75	46.60
3,248	243	0.25	0.44	1.07	47.67
3,784	536	0.50	0.87	4.66	52.33
4,285	501	0.75	1.31	6.56	58.89
4,785	500	0.75	1.31	6.55	65.44
4,976	191	0.75	1.31	2.50	67.94

Drilling Contractor: Rod Ric Corporation

By: Pamela D. Lathram
Pamela D. Lathram -- Secretary

Subscribed and sworn to me before this 6th day of March, 2000.



My Commission Expires: 6-24-2000

Tony Lynn Willis
Notary Public

Midland County, Texas