K. Jay Reynolds

ROD RIC CORPORATION

P. O. BOX 1767

MIDLAND, TEXAS 79702
(915) 682-7880

Well Name & Number Cooper Jal Unit No. 402

Operator Texaco Exploration & Production, Inc.

Location 2150'FSL, 50'FWL, Sec.19, T-24-S,R-37-E, Lea, NM

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)
235	235	1/4	.44	1.03	1.03
385	150	3/4	1.31	1.96	2.99
820	435	1	1.75	7.61	10.60
1229	409	2	3.49	14.27	24.87
1477	248	1 1/2	2.62	6.49	31.36
1726	249	3/4	1.31	3.26	34.62
1976	250	3/4	1.31	3.27	37.89
2223	247	1/2	.87	2.14	40.03
2490	267	2 3/4	4.80	12.81	52.84
2748	258	4	6.98	18.00	70.84
2934	186	3 3/4	6.54	12.16	83.00
3180	246	2 3/4	4.80	11.80	94.80
3520	340	1 3/4	3.05	10.37	105.17
3735	215	2	3.49	7.50	112.67

SHIRLEEN GARBER
Notary Public
State of Texas
Commission Expires 2-21-97

Drilling Contractor: Rod Ric Corporation

By: Dierly Smith

Subscribed and sworn to before me this 15th day of November 1993

Shirleen Garber
Notary Public

My Commission Expires 2/21/97

Midland County, Texas