K. Jay Reynolds

ROD RIC CORPORATION

P. O. BOX 1767

MIDLAND, TEXAS 79702
(915) 682-7880

Well Name & Number Vacuum Grayburg San Andres #47 Unit H

Operator Texaco Exploration & Production Inc.

Location 660' FEL, 1320' FNL, ~~Sec. 2~~ Lea Cnty, N.M. 2-18S-34E

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)
354	354	1/2	.87	3.08	3.08
819	465	3/4	1.31	6.09	9.17
1316	497	1	1.75	8.70	17.87
1501	185	1	1.75	3.24	21.11
1804	303	1/4	.44	1.33	22.44
2210	406	3/4	1.31	5.32	27.76
2611	401	1 1/4	2.18	8.74	36.50
2985	374	1 1/2	2.62	9.80	46.30
3440	455	1 1/2	2.62	11.92	58.22
4095	655	1 1/4	2.18	1.41	59.63
4590	495	1 1/2	2.62	12.97	72.60
4890	300	3/4	1.31	3.93	76.53

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

Drilling Contractor: ~~Rod~~ Ric Corporation

By: Beverly Smith

Subscribed and sworn to before me this 30th day of August 1993

Shirleen Garber
Notary Public

My Commission Expires 2/21/97

Midland County, Texas