K. Jay Reynolds

ROD RIC CORPORATION

P. O. BOX 1767

MIDLAND, TEXAS 79702
(915) 682-7880

Well Name & Number Arrowhead Grayburg Unit #199

Operator Chevron U.S.A. Inc.

Location ~~2215~~ 2315' FNL, ~~1650~~ 1550' FWL, Sec. 7, T22S, R37E

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)
248	248	½	.87	2.16	2.16
747	499	1¼	2.18	10.88	13.04
1046	299	¾	1.31	3.92	16.96
1142	96	¾	1.31	1.26	18.22
1573	431	1	1.75	7.54	25.76
2007	434	¾	1.31	5.69	31.45
2474	467	1	1.75	8.17	39.62
2941	467	1	1.75	8.17	47.79
3438	497	½	.87	4.32	52.11
3841	403	¾	1.31	5.28	57.39

SHIRLEEN MITCHELL
Notary Public, State of Texas
My Comm. Expires: 2/21/93

Drilling Contractor: Rod Ric Corporation

By: Jay Shelton

Subscribed and sworn to before me this 19th day of May 1992

Shirleen Mitchell
Notary Public

My Commission Expires 2/21/93

Midland County, Texas