


OCTOBER 23, 1997

WELL NAME AND NUMBER: MALLON "33" FED #4
LOCATION: Sec. 33 T19S R34E
OPERATOR: MALLON OIL COMPANY
DRILLING CONTRACTOR: PATTERSON DRILLING

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:


DEGREE AND DEPTH		DEGREE AND DEPTH		DEGREE AND DEPTH	
0.50	318	0.25	2763	0.75	6233
0.75	625	1.00	2920	0.75	6725
0.50	939	1.25	3077	1.00	7219
1.00	1220	1.25	3369	0.75	7340
2.00	1515	1.00	3515	0.75	7735
0.50	1803	0.75	3638	1.00	8229
0.75	1956	0.75	3887	1.50	8723
1.00	2109	0.50	4382	1.75	9219
1.00	2260	0.75	4740	2.00	9709
0.50	2422	0.75	5246	1.75	10201
0.50	2576	0.50	5739		

Drilling Contractor: PATTERSON DRILLING

By: 
Billy Jensen

Subscribed and sworn to before me this 23rd day of October, 1997

My Commission Expires:
June 30, 2001


Mary G. Henson

