

NOVEMBER 20, 1997

WELL NAME AND NUMBER: MALLON "29" FED #2
LOCATION: Sec. 29 T19S R34E
OPERATOR: MALLON OIL COMPANY
DRILLING CONTRACTOR: PATTERSON DRILLING

Unit J
2310/S & 2310/E
30-025-33835

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	
0.75	314	3.25	3803	1.00	6006
0.50	619	2.00	3865	1.50	6254
1.00	898	2.00	3926	1.25	6501
1.50	1213	1.75	4112	1.25	6747
1.75	1465	1.50	4267	1.00	6996
1.50	1760	1.25	4483	1.25	7346
1.00	2010	1.75	4640	1.00	7461
1.25	2258	1.75	4732	1.00	7752
0.75	2502	1.50	4876	1.00	7953
0.75	2751	1.75	4986	1.00	8444
1.75	2999	1.50	5077	0.75	8939
1.75	3244	1.00	5168	1.00	9430
1.50	3337	1.25	5323	0.75	9852
1.50	3491	1.00	6507	0.75	10174
2.25	3741	1.50	5756		

Drilling Contractor: PATTERSON DRILLING

By: Billy Jensen
Billy Jensen

Subscribed and sworn to before me this 20th day of November, 1997

My Commission Expires:
June 30, 2001

Mary G. Henson
Mary G. Henson

