

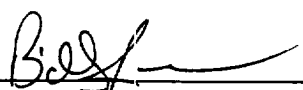
October 1, 1998

WELL NAME AND NUMBER: ESMERELDA FED 24 #1
LOCATION: SEC.24 T19S R33E
OPERATOR: MATADOR PETROLEUM
DRILLING CONTRACTOR: PATTERSON DRILLING CO.

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:

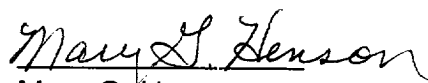
DEGREE AND DEPTH		DEGREE AND DEPTH		DEGREE AND DEPTH	
0.75	236	0.75	3994	2.25	9063
0.50	437	0.25	4533	2.25	9187
1.25	1005	1.00	5031	2.00	9314
1.00	1318	1.50	5563	1.50	9658
0.75	1630	0.25	5940	2.00	9908
1.00	2129	0.75	6440	1.00	10251
2.00	2601	0.75	6937	1.50	10752
3.00	2912	0.50	7436	1.50	11280
3.00	3069	0.50	7897	1.25	11807
3.25	3185	1.00	8389	1.25	12288
2.00	3320	1.25	8572	1.00	12776
1.75	3509	2.00	8755	1.50	13216
2.00	3792	2.50	8941		

Drilling Contractor:
Patterson Drilling Company

By: 
Billy Jensen

Subscribed and sworn to before me on this 1st day of October, 1998.

My Commission Expires: June 30, 2001


Mary G. Henson