SEP 0 2 1997

AUGUST 29, 1997

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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	
0.25	835	2.00	5010	4.50	7023
0.25	1315	2.75	5507	5.00	7146
0.50	1806	3.00	6005	4.00	7239
0.50	2303	3.50	6310	4.75	7363
1.50	2802	4.00	6468	4.50	7486
1.75	3517	4.25	6655	5.00	7600
2.25	4015	4.25	6776		
2.00	4515	5.25	6930		

Drilling Contractor: Patterson Drilling

Billy Jensen By: ___

Subscribed and sworn to before me this 29th day of August, 1997.

My Commission Expires: June 30, 2001

Mary G. Henson

