

December 8, 1998

WELL NAME AND NUMBER:  
LOCATION:  
OPERATOR:  
DRILLING CONTRACTOR:

STATE "H" #5  
SEC.17 T22S R36E  
DOYLE HARTMAN  
PATTERSON DRILLING CO.

Unit A  
330/W 4 660/E  
30-025-34529

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	265	2.25	2606	1.50	3162
0.50	498	3.00	2698	1.00	3285
1.00	998	3.00	2791	1.00	3561
1.25	1492	3.25	2884	0.75	3875
1.75	1986	2.75	2978	1.00	4000
1.00	2295	2.75	3070		

Drilling Contractor:  
Patterson Drilling Company

By: Billy Jensen  
Billy Jensen

Subscribed and sworn to before me on this 8th day of Dec, 1998

My Commission Expires: June 30, 2001

Mary G. Henson  
Mary G. Henson



DEC 15 1998