

November 20, 1997

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

✓15  
ELLIOTT B #5  
SEC 15, T22S R37E  
JOHN HENDRIX  
PATTERSON DRILLING

Unit H  
1980/W & 480/E  
30-025-34120

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:

<u>DEGREE AND DEPTH</u>			<u>DEGREE AND DEPTH</u>			<u>DEGREE AND DEPT</u>					
	<u>LENGTH</u>		<u>DISP.</u>				<u>LENGTH</u>		<u>DISP.</u>		
0.50	450	450	3.92	0.50	496	3114	4.32	0.75	495	5588	6.48
1.00	526	976	9.18	0.50	495	3609	4.32	0.50	494	6082	4.31
1.50	157	1133	4.11	0.50	495	4104	4.32	0.75	493	6575	6.45
0.75	497	1630	6.50	1.00	496	4600	8.66	1.00	495	7070	8.64
0.75	493	2123	6.45	1.00	493	5093	8.60	0.50	430	7500	3.75
0.75	495	2618	6.48								

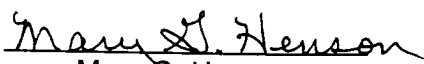
Cum. Displacement 9649'

Drilling Contractor: PATTERSON DRILLING

By:   
Billy Jensen

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

My Commission Expires:  
June 30, 2001

  
Mary G. Henson