

December 11, 1997

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

WATSON #15 6 #1 Unit 1  
SEC. 6 T16S R36E  
CHESAPEAKE OPERATING  
PATTERSON DRILLING

2857/5 # 1417/e  
30-025-34197

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	469	1.50	4727	0.50	7814
0.75	1128 N49W	1.50	4973 S19W	0.00	8281
1.00	1580	1.75	5436 S25W	0.25	8747 S71E
1.00	2075	1.75	5689 S21E	0.50	9244 S21E
1.00	2310	2.00	5874 S10W	0.50	9734 N76W
0.75	2808 S45E	1.50	6120	4.60	10311 N25.3E
0.50	3256 S70E	1.75	6582	4.80	10549 N8.8E
0.25	3778 N75W	1.50	6891 S32W	0.50	11503 N10W
0.75	4205 N65W	1.00	7352 S14W	0.50	11834
1.00	4280 S19W				

Drilling Contractor: PATTERSON DRILLING.

By: Billy Jensen  
Billy Jensen

Subscribed and sworn to before me on this 11th day of December, 1997

My Commission Expires:  
June 30, 2001

Mary G. Henson  
Mary G. Henson