

October 27, 1998

WELL NAME AND NUMBER:

RW COWDEN B #4 Unit L

LOCATION:

SEC.30 T23S R37E

OPERATOR:

DOYLE HARTMAN

DRILLING CONTRACTOR:

PATTERSON DRILLING CO.

1650/S & 660/W

30-025-34516

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

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0.75 259  
0.50 473  
0.25 970  
0.75 1470

0.50 1956  
1.75 2295  
2.25 2574  
2.75 2694

2.00 2851  
1.25 2973  
0.75 3250  
0.75 3550

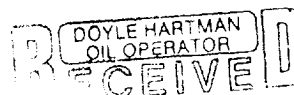
Drilling Contractor:  
Patterson Drilling Company

By: Billy Jensen  
Billy Jensen

Subscribed and sworn to before me on this 27th day of Oct., 1998

My Commission Expires: June 30, 2001

Mary G. Hanson  
Mary G. Hanson



OCT 28 1998