

August 27, 1998

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

GAZELLE 31 FED #1
Sec. 31 T18S R33E
NEARBURG OPERATING
PATTERSON DRILLING

Unit G
1980/W & 1650/E
30-025-34317

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:

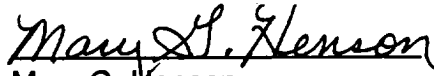
<u>DEGREE AND DEPTH</u>		<u>DEGREE AND DEPTH</u>		<u>DEGREE AND DEPTH</u>	
0.25	230	1.75	4583	1.00	9967
0.50	352	1.75	4728	1.75	10311
0.75	924	1.25	4885	2.75	10403
0.25	1427	1.25	5160	2.00	10495
0.25	1949	1.50	5362	2.25	10589
2.50	2483	1.75	5578	2.50	10712
2.00	2609	1.75	5825	2.50	10807
MR	2704	1.75	6072	1.75	10931
2.00	2857	1.75	6323	1.75	11022
2.00	2921	2.00	6570	1.25	11149
2.00	3015	1.75	6820	2.25	11335
1.25	3120	1.75	7064	2.75	11459
2.00	3204	1.25	7313	1.75	11554
1.50	3297	1.00	7529	1.25	11675
1.25	3397	1.00	7772	1.75	11861
1.25	3590	0.25	8019	2.25	12014
1.25	3797	1.00	8360	1.75	12139
1.00	3953	0.50	8793	2.00	12542
1.00	4109	0.25	9008	1.00	12944
1.25	4261	0.75	9379	2.50	13383
1.25	4417	1.00	9722	2.50	13572

Drilling Contractor: PATTERSON DRILLING

By: 
Billy Jensen

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

My Commission Expires:
June 30, 2001


Mary G. Jensen