

November 28, 1998

WELL NAME AND NUMBER:

LOCATION:

OPERATOR:

DRILLING CONTRACT

CUERNO STATE #1

SEC.4 T22S R35E

NEARBURG

PATTERSON DRILLING CO.

Unit C

660N 4 1750W

30-025-34471

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

1.50

1.00 351

1.00 800

1.00 1300

0.25 1513

1.00 1731

2.00 1917

1.25 2103

1.75 2227

1.00 2352

1.50 2726

2.00 2882

3.75 3102

3.75 3318

3411

DEGREE AND DEPTH

3.75 3472

4.25 3533

3.50 3564

3.50 3628

3.25 3689

2.25 3719

2.25 3784

1.75 3847

1.75 3940

0.25 4032

0.75 4159

1.75 4308

1.00 4403

0.50 4496

DEGREE AND DEPTH

0.50 4618

0.50 4772

0.50 5180

1.00 5550

0.25 6013

0.50 6511

0.75 7006

1.00 7500

1.00 7961

1.75 8210

2.50 8704

4.50 8827

4.50 8858

4.00 8919

Drilling Contractor:
Patterson Drilling Company

By: Billy Jensen
Billy Jensen

Subscribed and sworn to before me on this 28th day of October, 1998

My Commission Expires:

June 30, 2001

Mary G. Henson
Mary G. Henson

CUERNO STATE 4 #1-NEARBURG

DEGREE AND DEPTH

3.75	8980
3.50	9043
3.25	9105
3.00	9167
3.00	9230
2.75	9291
2.50	9392
2.75	9445
3.00	9507
2.00	9752

DEGREE AND DEPTH

2.00	9870
2.00	9962
2.25	10122
1.75	10213
1.75	10308
2.25	10464
2.00	10619
3.75	10785
3.75	10846

DEGREE AND DEPTH

3.75	10898
3.75	11023
3.25	11117
3.00	11242
3.00	11368
3.00	11489
2.50	11643
2.50	12070
2.50	12881