

October, 15, 1998

WELL NAME AND NUMBER:

LOCATION:

OPERATOR:

DRILLING CONTRACTOR:

JOHN T

SEC.6 T16S R30E

CHESAPEAKE

PATTERSON DRILLING CO.

6#1 Unit L

~~4040/5~~ 37

4040/5 9 435/10

30-025-34494

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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0.50	202	N55W	0.50	4509	N14E	1.50	8337	N74W
0.50	1550	S86E	0.75	4732	N66W	1.00	8589	N67W
0.75	1806	N86E	0.75	4923	S84W	1.25	8839	N46W
1.00	2031	N55E	0.75	5176	N46W	1.25	9090	N56W
MR	2285		0.75	5434	N51W	1.50	9342	N66W
MR	2317		1.25	5690	N41W	1.50	9593	N54W
0.50	2344	N8E	1.50	5946		1.00	9845	N23W
1.00	2571	N50E	1.00	6201	N61W	1.50	10097	N58W
1.00	2795	N34E	1.50	6457	N46W	1.00	10208	N58W
1.00	3048	N39E	1.50	6712	N41W	1.00	10465	N57W
0.75	3272	N52E	1.50	6968	N60W	0.50	10652	N56W
0.75	3526	N19E	1.50	7223	N79W	1.00	10896	S89W
0.50	3686	N38E	1.00	7478	N68W	1.00	11141	S42W
0.25	3941	N49E	1.00	7734	N71W	0.5	11392	S29W
0.75	4260	N50E	1.00	8085	N69W			

Drilling Contractor:

Patterson Drilling Company

By:

Billy Jensen

Subscribed and sworn to before me on this 15th day of Oct., 1998

My Commission Ex June 30, 2001

Mary G. Henson
Mary G. Henson