



PATTERSON DRILLING COMPANY LP
A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701
(915) 682-9401 • Fax (915) 682-1565

P/650 9/13

September 15, 2000

Chesapeake Operating, Inc.
P. O. Box 18496
Oklahoma City, OK 73154-0496

SUR: 10967N & 2444/E
B-10-165-35e
30-025-35131

Re: Deviation Report
Warehouse 2-10

Gentlemen:

The following is a deviation survey on the above-referenced well located in Lea County,
New Mexico.

160' - 0.50	4753' - 0.25	9009' - 1.60
433' - 0.50	5197' - 0.50	9355' - 9.10
1036' - 0.75	5641' - 0.50	9448' - 11.8
1513' - 0.50	6276' - 0.75	10045' - 18.2
1988' - 0.25	6616' - 0.75	10710' - 18.5
2494' - 0.75	7103' - 0.50	11080' - 19.7
2936' - 1.00	7577' - 0.50	11175' - 19.6
3470' - 0.75	8022' - 0.50	11474' - 17.6
3912' - 0.75	8497' - 0.50	11649' - 17.6
4272' - 0.50	8938' - 0.75	12063' - 11.4

Sincerely,

Treva Forrester

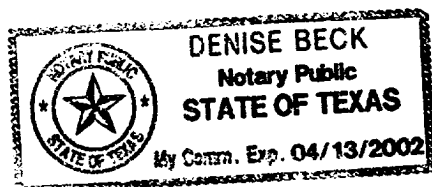
Treva Forrester

STATE OF TEXAS)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 15th day of September, 2000 by Treva Forrester.

MY COMMISSION EXPIRES:

Denise Beck
NOTARY PUBLIC



Need directional survey!
CU