

INCLINATION REPORT

FIELD NAME

X-4 Ranch; Morrow (Gas)

LEASE NAME

DH5 State #1

OPERATOR

Chesapeake Operating Inc.

30-025-38292

ADDRESS

2010 Rankin Highway, Midland, TX 79701

LOCATION (Section, Block, and Survey)

I-5-10s-34e, 2160/s & 660/E

County

Eddy

RECORD OF INCLINATION

Measured Depth (feet)	Course Length (Hundreds of feet)	Angle of Inclination (Degrees)	Displacement per 100 feet (Sine of Angle x 100)	Course Displacement (Feet)	Accumulative Displacement (Feet)
420	420	0.50	0.87	3.67	3.67
1,175	755	1.25	2.18	16.47	20.14
1,937	762	1.00	1.75	13.30	33.43
2,862	925	0.25	0.44	4.04	37.47
3,670	808	1.00	1.75	14.10	51.57
4,573	903	1.00	1.75	15.76	67.33
5,541	968	1.00	1.75	16.89	84.23
6,378	837	1.00	1.75	14.61	98.83
6,866	488	1.00	1.75	8.52	107.35
7,775	909	0.75	1.31	11.90	119.25
8,264	489	1.75	3.05	14.93	134.18
9,242	978	0.75	1.31	12.80	146.98
10,206	964	0.50	0.87	8.41	155.40
10,777	571	2.00	3.49	19.93	175.32
11,509	732	3.50	6.10	44.69	220.01
11,988	479	2.00	3.49	16.72	236.73

Accumulative total displacement of well bore at total depth of
Inclination measurements were made in ☐ Tubing

11,988 feet = 236.73 feet

☐ Casing

☐ Open Hole

☒ Drill Pipe

Inclination Data Certification

I declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge.

Mark Cochran

7/11/07

Signature of Authorized Representative

Date

Mark Cochran CFO

Name of Person and Title

Latshaw Drilling Company, LLC

Name of Company

Telephone: 918-355-4380

Inclination Data Certification

I declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge.

Shay Stricklin

7-16-07

Signature of Authorized Representative

Date

Shay Stricklin Regulatory Tech.

Name of Person and Title

432-687-2992

Operator

Telephone: