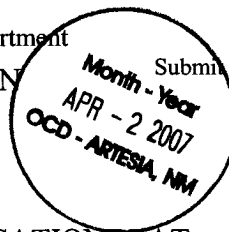


District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-34448		² Pool Code 30630	³ Pool Name WILDCAT; WOLFCAMP (GAS)
⁴ Property Code 35269	⁵ Property Name HENSHAW 23 FEDERAL		⁶ Well Number 1
⁷ OGRID No. 147179	⁸ Operator Name Chesapeake Operating Inc.		⁹ Elevation 3828 GR

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	23	16S	30E		660	NORTH	1980	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	23	16S	30E		660	NORTH	1980	EAST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black;"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;">1980</div> <div style="position: absolute; top: 0; left: 50%; transform: translate(-50%, 0); font-size: 2em;">16</div> </div>	<p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <u>Shay Stricklin</u> Date: <u>03/29/2007</u></p> <p>Printed Name: <u>Shay Stricklin</u></p>	
	<p>¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: _____ Signature and Seal of Professional Surveyor: _____</p> <p>Certificate Number: _____</p>	

30-015-34448



INCLINATION REPORT

FIELD NAME

Wildcat; Wolfcamp (Gas)

LEASE NAME

Henshaw 23 Federal 1

OPERATOR

Chesapeake Operating Inc.

ADDRESS

2010 Rankin Hwy Midland, TX 79701

LOCATION (Section, Block, and Survey)

Sec 23, T16S, R30E

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)
430	430	2.10	3.66	15.76	15.76
1,275	845	0.80	1.40	11.80	27.55
2,121	846	0.20	0.35	2.95	30.51
2,937	816	0.70	1.22	9.97	40.48
3,469	532	0.70	1.22	6.50	46.98
4,301	832	0.70	1.22	10.16	57.14
5,273	972	0.70	1.22	11.87	69.02
6,240	967	0.30	0.52	5.06	74.08
7,172	932	3.30	5.76	53.65	127.73
8,144	972	2.00	3.49	33.92	161.65
8,404	260	1.00	1.75	4.54	166.19
9,165	761	0.90	1.57	11.95	178.14
10,137	972	0.50	0.87	8.48	186.62
10,827	690	2.50	4.36	30.10	216.72
12,030	1,203	3.00	5.23	62.96	279.68

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

12,030 feet = 279.68 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.

1/16/07

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.

4/16/07

Signature of Authorized Representative

Date

Shay Stricklin Regulatory Tech

Name of Person and Title

432-687-2992

Operator

Telephone: