

DISTRICT I
1625 N. FRENCH DR., HOBBES, 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 87605

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-C15-34759	Pool Code 97376	Pool Name Henshaw;Ordovician
Property Code	Property Name BOGLE 23 FEDERAL COM	Well Number 1
OGRID No. 147179	Operator Name CHESAPEAKE OPERATING, INC.	Elevation 3826'

Surface Location

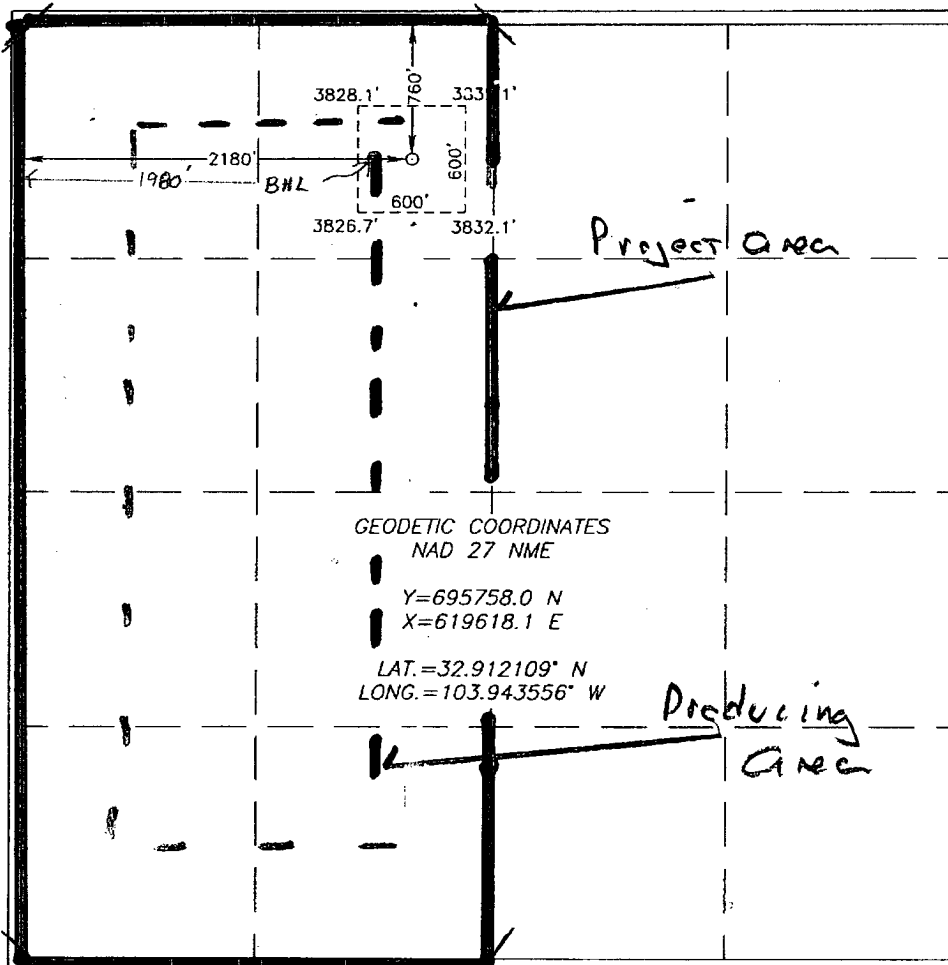
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	23	16-S	30-E		760	NORTH	2180	WEST	EDDY

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
C	23	16S	30E		760	NORTH	1980	WEST	Eddy

Dedicated Acres 320	Joint or Infill	Consolidation Code	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



OPERATOR CERTIFICATION

I hereby certify the the information
contained herein is true and complete to the
best of my knowledge and belief.

Brenda Coffman
Signature

Brenda Coffman
Printed Name
Regulatory Analyst
Title

April 7, 2006
Date

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.

DECEMBER 8, 2005

Date Surveyed
Signature & Seal of
Professional Surveyor JR

GARY EIDSON
GARY EIDSON
05.11.1789

Certificate No. GARY EIDSON 12841



INTEQ

2105 market Street Midland, TX 79703 Ph. (432)694-9517 Fax. (432)694-5648

Directional/Horizontal Plan Report

Chesapeake Operating Inc.

Bogle 23 Federal Com. #1

Eddy County, NM

Plan #1

**Prepared By Oscar Gomez
Friday, March 31, 2006**

CHESAPEAKE OPERATING, INC.
Bogle 23 Federal Com #1, slot #1
Eddy County New Mexico

PROPOSAL LISTING Page 1
Your ref : Plan1
Last revised : 31-Mar-2006

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect
0.00	0.00	269.99	0.00	0.00 N	0.00 E	0.00	0.00
500.00	0.00	269.99	500.00	0.00 S	0.00 W	0.00	0.00
1000.00	0.00	269.99	1000.00	0.00 S	0.00 W	0.00	0.00
1500.00	0.00	269.99	1500.00	0.00 S	0.00 W	0.00	0.00
2000.00	0.00	269.99	2000.00	0.00 S	0.00 W	0.00	0.00
2500.00	0.00	269.99	2500.00	0.00 S	0.00 W	0.00	0.00
3000.00	0.00	269.99	3000.00	0.00 S	0.00 W	0.00	0.00
3500.00	0.00	269.99	3500.00	0.00 S	0.00 W	0.00	0.00
4000.00	0.00	269.99	4000.00	0.00 S	0.00 W	0.00	0.00
4500.00	0.00	269.99	4500.00	0.00 S	0.00 W	0.00	0.00
5000.00	0.00	269.99	5000.00	0.00 S	0.00 W	0.00	0.00
5500.00	0.00	269.99	5500.00	0.00 S	0.00 W	0.00	0.00
6000.00	0.00	269.99	6000.00	0.00 S	0.00 W	0.00	0.00
6370.00	0.00	269.99	6370.00	0.00 S	0.00 W	0.00	0.00 Abo
6500.00	0.00	269.99	6500.00	0.00 S	0.00 W	0.00	0.00
7000.00	0.00	269.99	7000.00	0.00 S	0.00 W	0.00	0.00
7500.00	0.00	269.99	7500.00	0.00 S	0.00 W	0.00	0.00
7665.00	0.00	269.99	7665.00	0.00 S	0.00 W	0.00	0.00 Wolfcamp Upper Pay
7700.00	0.00	269.99	7700.00	0.00 S	0.00 W	0.00	0.00 KOP
7800.00	2.00	270.00	7799.98	0.00 S	1.75 W	2.00	1.75
7900.00	4.00	270.00	7899.84	0.00 S	6.98 W	2.00	6.98
7921.79	4.44	270.00	7921.57	0.00 S	8.59 W	2.00	8.59
8000.00	4.44	270.00	7999.54	0.00 S	14.63 W	0.00	14.63
8500.00	4.44	270.00	8498.05	0.00 S	53.31 W	0.00	53.31
8532.05	4.44	270.00	8530.00	0.00 S	55.78 W	0.00	55.78 Cisco
8652.41	4.44	270.00	8650.00	0.00 S	65.09 W	0.00	65.09 Wolfcamp Pay
9000.00	4.44	270.00	8996.55	0.00 S	91.98 W	0.00	91.98
9484.90	4.44	270.00	9480.00	0.00 S	129.48 W	0.00	129.48 Canyon
9500.00	4.44	270.00	9495.05	0.00 S	130.65 W	0.00	130.65
10000.00	4.44	270.00	9993.55	0.00 S	169.32 W	0.00	169.32
10026.53	4.44	270.00	10020.00	0.00 S	171.37 W	0.00	171.37 Strawn
10285.73	4.44	270.00	10278.43	0.00 S	191.42 W	0.00	191.42
10307.52	4.00	270.00	10300.16	0.00 S	193.02 W	2.00	193.02
10357.46	3.00	270.00	10350.00	0.00 S	196.07 W	2.00	196.07 Atoka Sand
10407.52	2.00	270.00	10400.02	0.00 S	198.25 W	2.00	198.25
10507.52	0.00	270.00	10500.00	0.00 N	200.00 W	2.00	200.00 TGT
10607.52	0.00	270.00	10600.00	0.00 N	200.00 W	0.00	200.00 Morrow Sand
10797.52	0.00	270.00	10790.00	0.00 N	200.00 W	0.00	200.00 Chester
10922.52	0.00	270.00	10915.00	0.00 N	200.00 W	0.00	200.00 Miss. Lime
11000.00	0.00	270.00	10992.48	0.00 N	200.00 W	0.00	200.00
11437.52	0.00	270.00	11430.00	0.00 N	200.00 W	0.00	200.00 Woodford Shale
11457.52	0.00	270.00	11450.00	0.00 N	200.00 W	0.00	200.00 Devonian
11500.00	0.00	270.00	11492.48	0.00 N	200.00 W	0.00	200.00
12000.00	0.00	270.00	11992.48	0.00 N	200.00 W	0.00	200.00
12417.52	0.00	270.00	12410.00	0.00 N	200.00 W	0.00	200.00 Simpson Upper Pay Sand
12477.52	0.00	270.00	12470.00	0.00 N	200.00 W	0.00	200.00 Ellenburger
12500.00	0.00	270.00	12492.48	0.00 N	200.00 W	0.00	200.00
12557.52	0.00	270.00	12550.00	0.00 N	200.00 W	0.00	200.00 Ellenburger Pay
12777.52	0.00	270.00	12770.00	0.00 N	200.00 W	0.00	200.00 Pre Cambrian
12807.52	0.00	270.00	12800.00	0.00 N	200.00 W	0.00	200.00 Base of Open Hole Completion A-14

All data is in feet unless otherwise stated.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 200.00 on azimuth 270.00 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 270.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

CHESAPEAKE OPERATING, INC.
Bogle 23 Federal Com #1, slot #1
, Eddy County New Mexico

PROPOSAL LISTING Page 2
Your ref : Plan1
Last revised : 31-Mar-2006

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
12957.52	0.00	270.00	12950.00	0.00 N 200.00 W	0.00	200.00 TD

All data is in feet unless otherwise stated.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 200.00 on azimuth 270.00 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 270.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

CHESAPEAKE OPERATING, INC.
Bogle 23 Federal Com #1, slot #1
, Eddy County New Mexico

PROPOSAL LISTING Page 3
Your ref : Flan1
Last revised : 31-Mar-2006

Comments in wellpath			
=====			
MD	TVD	Rectangular Coords.	Comment

6370.00	6370.00	0.00 S 0.00 W	Abo
7665.00	7665.00	0.00 S 0.00 W	Wolfcamp Upper Pay
7700.00	7700.00	0.00 S 0.00 W	KOP
8532.05	8530.00	0.00 S 55.78 W	Cisco
8652.41	8650.00	0.00 S 65.09 W	Wolfcamp Pay
9484.90	9480.00	0.00 S 129.48 W	Canyon
10026.53	10020.00	0.00 S 171.37 W	Strawn
10357.46	10350.00	0.00 S 196.07 W	Atoka Sand
10507.52	10500.00	0.00 N 200.00 W	TGT
10607.52	10600.00	0.00 N 200.00 W	Morrow Sand
10797.52	10790.00	0.00 N 200.00 W	Chester
10922.52	10915.00	0.00 N 200.00 W	Miss. Lime
11437.52	11430.00	0.00 N 200.00 W	Woodford Shale
11457.52	11450.00	0.00 N 200.00 W	Devonian
12417.52	12410.00	0.00 N 200.00 W	Simpson Upper Pay Sand
12477.52	12470.00	0.00 N 200.00 W	Ellenburger
12557.52	12550.00	0.00 N 200.00 W	Ellenburger Pay
12777.52	12770.00	0.00 N 200.00 W	Pre Cambrian
12807.52	12800.00	0.00 N 200.00 W	Base of Open Hole Completion A-14
12957.52	12950.00	0.00 N 200.00 W	TD

Targets associated with this wellpath				
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Target name	Geographic Location	T.V.D.	Rectangular Coordinates	Revised

TGT		10500.00	0.00S 200.00W	31-Mar-2006
TD		12950.00	0.00S 270.00W	31-Mar-2006

CHESAPEAKE OPERATING, INC.

Structure : Bogle 23 Federal Com #1
Field :
Slot : slot #1
Location : Eddy County New Mexico



INTEQ

