

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., 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 and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.  
30-025-38158

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Sunshine

8. Well Number

001H

9. OGRID Number

215099

10. Pool name or Wildcat

Denton; Wolfcamp

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

Cimarex Energy Co.

3. Address of Operator

PO Box 140907; Irving, TX 75014-0907

4. Well Location

Unit Letter L : 2235 feet from the South line and 660 feet from the West line  
Section 13 Township 15S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3775' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☒

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Cimarex Energy Co. is changing its surface and bottom hole locations for the Sunshine No. 1H.  
Please see attached revised plats and revised preliminary directional survey.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Natalie Krueger TITLE Reg Analyst 1 DATE November 8, 2006

Type or print name Natalie Krueger email address: nkrueger@cimarex.com Telephone No. 469-420-2723

For State Use Only

OC DISTRICT SUPERVISOR/GENERAL MANAGER

APPROVED BY: Chris Williams TITLE \_\_\_\_\_ DATE FEB 21 2007

Conditions of Approval (if any):

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 and Natural Resources Department

Form C-102  
Revised October 12, 2005

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-38158	Pool Code	Pool Name Denton; Wolfcamp
Property Code	Property Name SUNSHINE	Well Number 1
OGRID No. 215099	Operator Name Cimarex Energy Co.	Elevation 3775'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	13	15 S	37 E		2235	SOUTH	660	WEST	LEA

**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
M	13	15 S	37 E		330	SOUTH	660	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	N		

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

<p>Lat - N32°00'58.5"</p> <p>Long - W103°19'36.4"</p> <p>NMSPCE - N 735457.371</p> <p>E 900964.043</p> <p>(NAD-83)</p>			<p><b>OPERATOR CERTIFICATION</b></p> <p>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 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><i>Zeno Farris</i> 1-08-06</p> <p>Signature Date</p> <p>Zeno Farris</p> <p>Printed Name</p>
	<p>2044' FSL &amp; 660' FWL</p>		
<p>SHL</p> <p>660'</p> <p>KOP</p> <p>2235'</p> <p>BHL</p> <p>660'</p> <p>330'</p>			<p><b>SURVEYOR CERTIFICATION</b></p> <p>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>OCTOBER 30, 2006</p> <p>Date Surveyed</p> <p>Signature of Surveyor</p> <p>Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>



## **Cimarex Energy Co., Inc.**

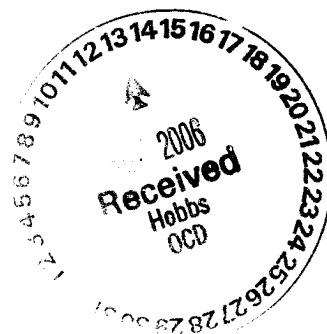
**Lea County (NAD 83)**

**Sunshine #1**

**Sunshine #1**

**Lateral #1**

**Plan: Plan #1**



## **Standard Survey Report**

**08 November, 2006**





# Black Viper Energy Survey Report



Company:	Cimarex Energy Co., Inc.	Local Co-ordinate Reference:	Well Sunshine #1
Project:	Lea County (NAD 83)	TVD Reference:	WELL @ 3775.00ft (Original Well Elev)
Site:	Sunshine #1	MD Reference:	WELL @ 3775.00ft (Original Well Elev)
Well:	Sunshine #1	North Reference:	Grid
Wellbore:	Lateral #1	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 2003.14.1.0 Server DB

Project		Lea County (NAD 83)	
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Sunshine #1			
Site Position:		Northing:	735,457.37 ft	Latitude:	33° 0' 58.509 N
From:	Map	Easting:	900,964.04 ft	Longitude:	103° 9' 36.424 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	0.64 °

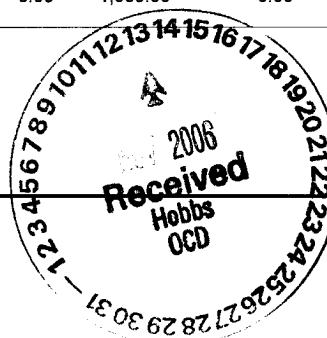
Well	Sunshine #1					
Well Position	+N/-S	0.00 ft	Northing:	735,457.37 ft	Latitude:	33° 0' 58.509 N
	+E/-W	0.00 ft	Easting:	900,964.04 ft	Longitude:	103° 9' 36.424 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	0.00 ft

Wellbore	Lateral #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	11/8/2006	7.99	61.12	49,622

Design		Plan #1		
Audit Notes:				
Version:		Phase:	PROTOTYPE	Tie On Depth: 9,159.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	180.00

Survey Tool Program		Date	11/8/2006		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
9,159.00	11,175.02	Plan #1 (Lateral #1)			

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,159.00	0.00	0.00	9,159.00	0.00	0.00	0.00	0.00	0.00	0.00
9,160.00	0.00	0.00	9,160.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP - Build 30.0° / 100									
9,460.02	90.00	180.00	9,351.00	-191.00	0.00	191.00	30.00	30.00	0.00
EOC - Hold 90.0° Inc. :: 180.0° Azi.									
11,175.02	90.00	180.00	9,350.00	-1,905.00	0.00	1,905.00	0.00	0.00	0.00





Black Viper Energy  
Survey Report



Company: Cimarex Energy Co., Inc.  
Project: Lea County (NAD 83)  
Site: Sunshine #1  
Well: Sunshine #1  
Wellbore: Lateral #1  
Design: Plan #1

Local Co-ordinate Reference:  
TVD Reference:  
MD Reference:  
North Reference:  
Survey Calculation Method:  
Database:

Well Sunshine #1  
WELL @ 3775.00ft (Original Well Elev)  
WELL @ 3775.00ft (Original Well Elev)  
Grid  
Minimum Curvature  
EDM 2003.14.1.0 Server DB

Targets

Target Name - hit/mis target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL#1[SS#1] - plan hits target - Point	0.00	0.00	9,350.00	-1,905.00	0.00	733,552.37	900,964.04	33° 0' 39.663 N	103° 9' 36.673 W

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	+E/-W (ft)	Comment
9,160.00	9,160.00	0.00	0.00	KOP - Build 30.0° / 100
9,460.02	9,350.00	0.00	0.00	EOC - Hold 90.0° Inc. :: 180.0° Azi.

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

