

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

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

MAR 18 2008

OCD-ARTESIA

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company: Cimarex Energy Company of Colorado	Contact: Aaron Hamilton
Address: 600 N. Marienfeld, Suite 600, Midland, TX 79701	Telephone No.: 432-571-7800
Facility Name: Wersell Federal No. 2 SWD	Facility Type: SWD (injection)

Surface Owner: Bureau of Land Management	Mineral Owner: Bureau of Land Management	Lease No.: NM-45018
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**LOCATION OF RELEASE**

Unit Letter D	Section 4	Township 22S	Range 27E	Feet from the 660'	North/South Line FNL	Feet from the 660'	East/West Line FWL	County Eddy
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Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

**API NO.: 30-015-24845**

Type of Release: Brine Water	Volume of Release: Unknown	Volume Recovered: 1,170 bbls.
Source of Release: Eroded injection line coming from the Triplex pump that services the Wersell Federal No. 2 well leaked subsurface.	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 9 March 2008 Approx. 0652 Hours
Was Immediate Notice Given? X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Recorded on call line (Sunday). Richard Inge called back on Monday morning.	
By Whom? Manuel Cabezucla	Date and Hour: 9 March 2008 (Sunday)	Approx. 1000 Hours
Was a Watercourse Reached? <input type="checkbox"/> Yes X No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully \*

N/A

Describe Cause of Problem and Remedial Action Taken. \*

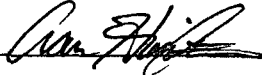
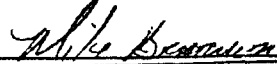
Refer to *Corrective Action Plan* for details. Summary follows:

The steel line which runs from the Wersell Federal No. 2 well to the SWD injection point developed a relatively small corroded area (approximately 3.81cm to 5.08cm) on its southerly surface which eventually became thin enough such that its inline pressure could not be supported resulting in an unknown volume loss of brine water subsurface. The remedial action taken was as follows: (1) The Triplex pump was shut down and the valve closed on the injection line leading to the SWD on Sunday, 9 March at approximately 0700 Hours; and (2) on Monday, 10 March direct communication was initiated with Mike Bratcher, (NMOCD) to ascertain and delineate infield conditions, which mandated immediate removal to disposal of the saturated materials in the area to prevent further spreading of the spill into unaffected areas. Due to the size of the area, there was no room for storage on location. Haulage of contaminated materials ran for 4 days resulting in a total of 1,815 tons disposed of at Lea Land, Inc. Contact was again made with NMOCD and sampling initiated to clear the area, although infield sampling had been engaged during the haul off process to determine excavation limits and coordinate infield operations with haul trucks, etc..

Describe Area Affected and Cleanup Action Taken. \*

Refer to Final C-141

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Aaron Hamilton	TIM GUM by MB	Approved by District Supervisor: 
Title: Region Production Manager	Approval Date: MAR 18 2008	Expiration Date:
E-mail Address: ahamilton@cimarex.com	Conditions of Approval: Remediation per O&D approved workplan	Attached <input type="checkbox"/>
Date: 18 March 2008	Phone: 432-571-7800	

\* Attach Additional Sheets If Necessary

OSEB0807936421

2RP-150

Mr. Aaron Hamilton  
Region Production Manager  
Cimarex Energy Company  
600 N. Marienfeld St.  
Suite 600  
Midland, Texas 79701

48-18-000  
OCD-ARTESIA

18 March 2008

Mr. Mike Bratcher  
OIL CONSERVATION DIVISION  
1301 West Grand Avenue  
Artesia, NM 88210

Re: Wersell Federal No. 2 SWD Brine Spill *Corrective Action Work Plan* (API No. 30-015-24845)  
U/L D S4 T22S R27E

Dear Mr. Bratcher:

Cimarex Energy Company of Colorado (Cimarex) discovered a brine spill with trace hydrocarbons at the Wersell Federal No. 2 SWD location resulting from the steel line which runs from the Wersell Federal No. 2 well to the SWD injection point developing a relatively small corroded area (approximately 3.81cm to 5.08cm) on its southerly surface which eventually became thin enough such that it could not sustain the inline pressure resulting in a leak and an unknown volume loss of brine water subsurface.

The remedial action taken was as follows: (1) The Triplex pump was shut down and the valve closed on the injection line leading to the SWD on Sunday, 9 March at approximately 0700 Hours; (2) On Monday, 10 March direct communication was initiated with Mike Bratcher, (NMOCD) to ascertain and delineate infield conditions, which mandated immediate removal to disposal of the saturated materials in the area to prevent further spreading of the spill into unaffected areas; and (3) The point of discharge of the spill occurred approximately 35 feet due east of the wellhead. Due to the size of the area, there was no room for storage on location. Haulage of contaminated materials ran for 4 days resulting in a total of 1,815 tons disposed of at Lea Land, Inc.. Contact was again made with NMOCD and sampling initiated to clear the area, although infield sampling had been engaged during the haul off process to determine excavation limits and coordinate infield operations with haul trucks, etc..

Consequently, Cimarex intends to submit its *Final Remediation Report* following the return of the analytical data from Trace Analysis, Inc. within the next 10 days. Communication has been established with NMOCD predicated on infield sampling analyses, which demonstrate regulatory Performa has been met. NMOCD cleared the location for application of backfill material that has to be transported from offsite. As a part of the *Final Remediation Report*, the repair of the steel injection line will be discussed which has ultimately resulted in the decision by Cimarex

management to no longer bury this line but maintain it on the surface such that leaks can be immediately detected.

Should you have questions please call 432-571-7800 (office).

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron Hamilton".

Aaron Hamilton  
Region Production Manager

Enclosed: Initial C-144

MAR 18 2008  
OCD-ARTESIA

## Summary Report

Aaron Hamilton  
Cinarex-Midland  
508 W. Wall Street #600  
Midland, TX, 79701

Report Date: March 18, 2008

Work Order: 8031330

Project Location: Brine & Floor Sulfide  
Project Name: Versell Fed. Com. #2 Spill

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
153630	N 1/4 area	soil	2008-03-11	10:00	2008-03-13
153631	S 1/4 area	soil	2008-03-11	10:20	2008-03-13
153632	E 1/4 area	soil	2008-03-11	10:40	2008-03-13
153633	3rd Day After 1,000 Cu.Yds.N 1/4 area	soil	2008-03-12	13:00	2008-03-13
153634	3rd Day After 1,000 Cu.Yds.S 1/4 area	soil	2008-03-12	13:20	2008-03-13
153635	3rd Day After 1,000 Cu.Yds.E 1/4 area	soil	2008-03-12	13:40	2008-03-13
153636	3rd Day After 1,000 Cu.Yds.W 1/4 area	soil	2008-03-12	14:10	2008-03-13

## Sample: 153630 - N 1/4 area

Param	Flag	Result	Units	RL
Chloride		22200	mg/Kg	3.25

## Sample: 153631 - S 1/4 area

Param	Flag	Result	Units	RL
Chloride		13800	mg/Kg	3.25

## Sample: 153632 - E 1/4 area

Param	Flag	Result	Units	RL
Chloride		21600	mg/Kg	3.25

## Sample: 153633 - 3rd Day After 1,000 Cu.Yds.N 1/4 area

Param	Flag	Result	Units	RL
Chloride		164	mg/Kg	3.25

**Sample: 153634 - 3rd Day After 1,000 Cu.Yds.S 1/4 area**

Param	Flag	Result	Units	RL
Chloride		411	mg/Kg	3.25

**Sample: 153635 - 3rd Day After 1,000 Cu.Yds.E 1/4 area**

Param	Flag	Result	Units	RL
Chloride		2850	mg/Kg	3.25

**Sample: 153636 - 3rd Day After 1,000 Cu.Yds.W 1/4 area**

Param	Flag	Result	Units	RL
Chloride		331	mg/Kg	3.25

## TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9  
Lubbock, Texas 79424  
Tel (806) 794-1296  
Fax (806) 794-1298  
1 (800) 378-1296

5002 Basin Street, Suite A1  
Midland, Texas 79703  
Tel (432) 689-6301  
Fax (432) 689-6313

200 East Sunset Rd., Suite E  
El Paso, Texas 79922  
Tel (915) 585-3443  
Fax (915) 585-4944  
1 (888) 588-3443

8808 Camp Bowie Blvd. West, Suite 180  
Ft. Worth, Texas 76116  
Tel (817) 201-5260  
Fax (817) 560-4336

Company Name: Cimarron Energy Company Phone #: 432-751-7800  
Address: (Street, City, Zip) Midland, TX 79701 Fax #:  
Contact Person: Loren Hamilton/Evan Hancock E-mail: ehamilton@cimarron.com  
Invoice to:  
(If different from above)  
Project #: Overseas Fed Com #2 Spill Project Name: Oil  
Project Location (including state): Beine from Sulfide Sampler Signature:

ANALYSIS REQUEST  
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		Turn Around Time if different from standard	Hold
				WATER	SOIL	AIR	SLUDGE	HCl	HNO <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	NaOH	ICE	NONE	DATE	TIME		
153630	N 1/4 area	1		X									X	3/12/08	1000		
631	S 1/4 area	1		X									X	3/11/08	1020		
632	E 1/4 area	1		X									X	3/11/08	1040		
	W 1/4 area	1		X									X	3/11/08			
	3 <sup>RD</sup> DAY AFTER	1,000															
633	N 1/4	1		X									X	3/12/08	1360		
634	S 1/4	1		X									X	3/12/08	1320		
635	E 1/4	1		X									X	3/12/08	1340		
636	W 1/4	1		X									X	3/12/08	1410		

Relinquished by: Cheryl Smith Company: Sept 3/12/08 Date: 7700 Time: 7700 Temp °C:  
Received by: Brandi Ritzner Company: 3/12/08 Date: 11:45 Time: 11:45 Temp °C:  
Relinquished by: Brandi Ritzner Company: 3/12/08 Date: 11:45 Time: 11:45 Temp °C:  
Received by: Brandi Ritzner Company: 3/12/08 Date: 11:45 Time: 11:45 Temp °C:

## LAB USE ONLY

Intact Y / N:  
Headspace Y / N / NA:  
22  
Log-In-Review

## REMARKS:

Rush

- ☐ Dry Weight Basis Required  
☐ TRRP Report Required  
☐ Check If Special Reporting Limits Are Needed