1301 W. Grand Avenue, Artesia, NM 88210 District III Oi 1000 Rio Brazos Road, Aztec, NM 87410	Minerals and Natural Resources il Conservation Division 20 South St. Francis Dr.	For drilling and production facilities, submit to appropriate NMOCD District Office. For downstream facilities, submit to Santa Fe				
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	office				
Pit or Below-G	rade Tank Registration or (Closure				
Is nit or below-grade	tank covered by a "general plan"? Yes pit or below-gende tank [] Closene of a pit or b	No No				
Operator: <u>CIMAREX ENERCY CO.</u> Tetepi Adiótresa: <u>PO BOX 140907 IRVING TX</u>	hone: <u>972-401-3111</u> e-mail addre 75014-0907	EFARRIS (I JARRES. Com				
Facility or well name: BIHLSTADT 12 FECNO. 4 API#	: 30-025-38585 U/LarQu/Q	tr O Sec 1 2 T 155 R 37E				
County: <u>LEA</u> Latite	de <u>33°01`32.77</u> N_Longitude	103°09 '07.68 W NAD: 1927 1983				
Surface Owner: Federal 🔲 State 🔲 Private 🖾 Indian 🗋						
	Below-grade tank					
Type: Drilling X Production Disposal	Volume:bbl Type of fluid: Construction material:					
Workover Emergency Lined Unlined	Double-walled, with leak detection? Yes	If not, explain why not.				
Liner type: Synthetic [2] Thickness / 2 mil Clay []						
Pit Volume bbl						
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)				
high water elevation of ground water.) 60	50 feet or more, but less than 100 feet	(10 points)				
	100 feet or more	(0 points)				
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)				
water source, or less than 1000 feet from all other water sources.)	No	(0 points)				
	Less than 200 feet	(20 points)				
Distance to surface water: (horizontal distance to all wetlands, playas,	200 feet or more, but less than 1000 feet	(10 points)				
irrigation canals, ditches, and perennial and ephomeral watercourses.)	1000 foot or more	(0 points)				
	Ranking Score (Tetal Points)	20				
f this is a pit closure: (1) Attach a diagram of the facility showing the	pit's relationship to other equipment and tanks.	(2) Indicate disposal location: (check the onsite box if				
our are burying in place) onsite 🔲 offisite 🕅 If offisite, name of facili	ity <u>CRT</u> . (3) Attach a	general description of remedial action taken including				
emediation start date and end date. (4) Groundwater encountered: No	🗹 Yes 🔲 If yes, show depth below ground sur	faceft. and attach sample results.				
5) Attach soil sample results and a diagram of sample locations and exc	zvations.					
Additional Comments:						
		1				
		74 - XX				
I hereby certify that the information above is true and complete to the						
has been/will be constructed or closed according to NMOCD gaid	elines [], a general permit [], or an (etteches	I) alternative OCD-approved plan [].				
Date: Druck		·				
Printed Name/Title DASY FOLONS Co	A Signature					
Your certification and NMOCD approval of this application/closure e otherwise endanger public health or the environment. Nor does it sets	the not relieve the operator of liability should the	s contents of the pit or tank contaminate ground water or				
regulations.	An an absences at my real-supported the countries	www vrace gary viewe swelled, beliet, the BDCBI EBWB BIRDOT				
	CT.					
Approval:		LENGINEEDS Date 4.2.08				
Printed Name/Title Signature ENVIRONMENTAL ENGINEER Date: T'C'C						





4311 Monica Lane, Carlsbad, NM 88220

Phone 505-236-6012

Fax 505-236-6063

Cell 505- 361-3217

Email <u>bandr@pvtnetworks.net</u>

March 24, 2008

Cimarex Energy Co. P.O. Box 140907 Irving, Texas 75014-0907

APR 0 2 2008

RECEIVED

Re: Cimarex Energy Co. Bierstadt 12 Fee No. 4 – Final Drying pad Closure

> **Bierstadt 12 Fee No. 4** API: 30-025-38585 Sec 12-T15S-R37E

Depth to Ground Water: 60' Planned Analytical Testing: Chlorides Site Ranking Score: 20 Primary Land Use: Ranching and Oil & Gas Production

Pursuant to Pit Rule 50 in the Pit and Below Grade Tank Guidelines of the New Mexico Oil Conservation District of the State of New Mexico regulatory requirement for pit closure, please accept the following documentation for final closure of the drilling pit for the aforementioned location.

All drill cuttings were stiffened and transported to Controlled Recovery, Inc. of Hobbs, New Mexico. Upon transferring all pit contents to C.R.I., field tests were performed on the soil within in the confines of the original drying pad. The field results of chloride delineation of the impacted material are as follows (a diagram has also been attached):

North East Quad 42.0mg/kg	North West Quad 65.4mg/kg
South East Quad <32.5mg/kg	South West Quad 101mg/kg

The pit area will be backfilled with clean native material and contoured to prevent erosion and ponding of rainwater.

Soil samples were collected, prepared, and packaged per EPA guidelines and forwarded to Trace Analysis in Lubbock, Texas for official analytical testing. Please find the official analytical results attached hereto.

Please review the attached documentation and contact me at 575-361-2132 with any questions or concerns.

Sincerely, Acht Vant

Rayland VanNatta B&R Trucking

Cimarex Energy Co. Sampling/Location diagram Bierstadt 12 #4 Excavation Start Date 3/3/08 End Date 3/17/08

The Excavation included the removal of all mud, liner, and 6" of soil under liner. Field samples were then performed and digging continued were necessary. The drying pad was divided into four equal quadrants. Five samples were taken in each quad (one in each corner and one in the center) they were then combined into one composite sample for that quad.

Drying pad/Sampling diagram











Report Date: March 25, 2008 Cimarex

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Summary Report

Rayland Vannatta B & R Trucking 4311 Monica Lane Carlsbad, NM, 88220

Report Date: March 25, 2008 Work Order: 8032114

Project Location:	30-025-38585
Project Name:	Bierstadt 12 $\#4$
Project Number:	Cimarex

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
154312	NE Quad	soil	2008-03-19	13:00	2008-03-21
154313	NW Quad	soil	2008-03-19	13:3 0	2008-03-21
154314	SE Quad	soil	2008-03-19	13:45	2008-03-21
154315	SW Quad	soil	2008-03-19	14:00	2008-03-21

Sample: 154312 - NE Quad

Param	Flag	Result	Units	\mathbf{RL}
Chloride		42.0	mg/Kg	3.25

Sample: 154313 - NW Quad

Param	Flag	Result	Units	\mathbf{RL}
Chloride		65.4	mg/Kg	3.25

Sample: 154314 - SE Quad

Param	Flag	Result	Units	\mathbf{RL}
Chloride		<32.5	mg/Kg	3.25

Sample: 154315 - SW Quad

Param	Flag	Result	Units	\mathbf{RL}
Chloride		101	mg/Kg	3.25

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296 This is only a summary. Please, refer to the complete report package for quality control data.

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<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IY</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	Energy M Oil 122	State of New Mexico Inerals and Natural Resources Conservation Division 0 South St. Francis Dr. Santa Fe, NM 87505	Form C-144 June 1, 200 For drilling and production facilities, submit to appropriate NMOCD District Office. For downstream facilities, submit to Santa Fe office						
Is pit of	r Below-Gr	ade Tank Registration or nk covered by a "general plan"? Ye or below-grade tank Closure of a pit or	s 🗌 No 🕅						
Operator: <u>Cimarex Energy Co.</u> Address: <u>PO Box 140907; Irving, TX 75014</u> Facility or well name: <u>Bierstadt 12 Fee No. 4</u> County: <u>Lea</u> Surface Owner: Federal [] State [] Private 🛛 India	Telephoi 0907 .PI #:30-025- Latitude	re: <u>972-401-3111</u> <u>e</u> -mail add 38'58'5 U/L or Qtr/Qtr <u>O</u> Sec <u>33° 01' 32.77 N.</u> Longitude	tress:						
Pit Type. Drilling I Production I Disposal I Workover Emergency I Lined I Unlined I I Liner type: Synthetic I Thickness_12mil Pit Volumebbl closed system, cutt	•	Below-grade tank Volume: bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes If not, explain why not							
Depth to ground water (vertical distance from bottom high water elevation of ground water.) 60'	of pit to seasonal	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)						
Wellhead protection area: (Less than 200 feet from a water source, or less than 1000 feet from all other wat		Yes	(20 points) (0 points)						
Distance to surface water: (horizontal distance to all irrigation canals, duches, and perennial and ephemera		Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)						
If this is a pit closure: (1) Attach a diagram of the fac your are burying in place) onsite [] offsite [] If offsi date and end date. (4) Groundwater encountered: No [(5) Attach soil sample results and a diagram of sample Additional Comments:	te, name of facility_] Yes]] If yes, sł		tion of remedial action taken including remediation start						
has been/will be constructed or closed according to Date: <u>10.11.07</u> Printed Name/Title <u>Natalic Krueger – Regu</u>	MOCD guidelin	es 🛛, a general permit 🗋, or an (attached	Kneeking						
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