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 IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	Energy Mir Oil C 1220	ate of New Mexico nerals and Natural Resources Conservation Division South St. Francis Dr. anta Fe, NM 87505	Form C-144 June 1, 2004 For drilling and production facilities, submit to appropriate NMOCD District Office. For downstream facilities, submit to Santa Fo office
Pit or	Below-Gra	de Tank Registration or	
Is pit or Type of action: F	below-grade tani Registration of a pit o	k covered by a "general plan"? Ye r below-goode tank 📋 Closure of a pit or	s 1 NO
Operator: <u>CIMAREN ENERCY Co.</u>	Telephone ING TX T API #:	er <u>972 · 401 · 31/1</u> o-mail add <u>5014 - 0907</u> 30 · 0 <i>25 - 385</i> 87 U/Lar Qurk	
<u>Pit</u>		Below-grade tank	
Type: Drilling X Production Disposal		Volume:bbl Type of fluid:	
Workover		Construction material:	
ined D Unlined		Double-walled, with leak detection? Yo	z 🔲 lf not, explain why not.
Liner type: Synthetic X Thickness 12 mil Clay			
Pit Volumebbl			
Depth to ground water (vertical distance from bottom on bottom of ground water.)	of pit to seasonal	Less than 50 feet	(20 points)
		50 feet or more, but less than 100 feet	(10 points)
high water elevation of ground water.) 50		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 wat	-	No	(0 points)
THE OWNERS OF THE MERI TARE THE CIT OF ME		Less than 200 feet	(20 points)
Distance to surface water: (horizontal distance to all a	wetlands, playas,	200 feet or more, but less than 1000 feet	
irrigation canals, ditches, and perennial and ephemera	il watercourses.)	1000 fast or merc	(Opoints)
anaran an ang ang ang ang ang ang ang ang an			
		Ranking Score (Total Points)	20
<u>f this is a pit closure:</u> (1) Attach a diagram of the fac- our are burying in place) onsite offsite (A) If offsi emediation start date and end date. (4) Groundwater e 5) Attach soil sample results and a diagram of sample Additional Comments:	ite, name of facility ncountered: No 🕅	CEI . (3) Attach Yes I If yes, show depth belowsprounds s	a general description of remedial action taken including
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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 HOBBS OCD

REGENCED

Re: Cimarex Energy Co. Maroon 24 Fee No. 1 – Final Drying pad Closure

> **Maroon 24 Fee No. 1** API: 30-025-38587 Sec 24-T15S-R37E

Depth to Ground Water: 50' 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 91.2mg/kg	North West Quad 152mg/kg
South East Quad 46.6mg/kg	South West Quad 70.8mg/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.

Rayland VanNatta B&R Trucking

Cimarex Energy Co. Maroon 24 #1 Sampling/Location diagram Excavation Start date 3/13/D8 End date 3/14/D8

The Excavation included the removal of all mud, liner, and 6" of soil under liner. Reld samples were then performed and digging continued were necessary. The drying pad was divided into four equal quadrants. Rive 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.



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Report Date: March 25, 2008 Cimarex

Summary Report

Rayland Vannatta B & R Trucking 4311 Monica Lane Carlsbad, NM, 88220 Report Date: March 25, 2008

Work Order:	8032117

Project Location:API #30-025-38587Project Name:Maroon 24 #1Project Number:Cimarex

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
154324	NE Quad	soil	2008-03-19	08:00	2008-03-21
154325	NW Quad	soil	2008-03-19	08:15	2008-03-21
154326	SE Quad	soil	2008-03-19	08:30	2008-03-21
154327	SW Quad	soil	2008-03-19	08:45	2008-03-21

Sample: 154324 - NE Quad

Param	Flag	Result	Units	\mathbf{RL}
Chloride		91.2	mg/Kg	3.25

Sample: 154325 - NW Quad

Param	Flag	Result	Units	\mathbf{RL}
Chloride		152	mg/Kg	3.25

Sample: 154326 - SE Quad

Param	Flag	Result	Units	\mathbf{RL}
Chloride		46.6	mg/Kg	3.25

Sample: 154327 - SW Quad

Param	Flag	Result	Units	RL
Chloride		70.8	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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1625 N. French Dr., HobbsNM 88240 District II Energy Mi	ate of New Mexico inerals and Natural Resources	Form C- June 1, 2		
1301 W. Grand Avenue, Artesia, NM 88210 District III Oil (Conservation Division	For drilling and production facilities, submit appropriate NMOCD District Office.		
1000 Rio Brazos Road, Aztec, NM 87410) South St. Francis Dr.	appropriate NMOCD District Office. For downstream facilities, submit to Santa F		
DISUCTY	Santa Fe, NM 87505			
Pit or Below-Gra	de Tank Registration or (Closure		
Is pit or below-grade tan	k covered by a "general plan"? Yes			
Type of action: Registration of a pit of	or below-grade tank 🛛 Closure of a pit or b	elow-grade tank		
Operator: Cimarex Energy Co. Telephone	e: 972-401-3111 e-mail addr	ess zfarris fi cimarex.com		
Address: PO Box 140907; Irving, TX 75014-0907	4587			
Facility or well name: Maroon 24 Fee No. 1 API'#: 30-025-	<u>> U/L or Qtr/Qtr_ E</u> Sec_ 24	4T <u>15SR_37F</u>		
County: Lea Latitude	<u>33° 00' 14.53 N</u> Longitude	103° 09' 39 09 W NAD: 1927 [] 1983		
Surface Owner: Federal 🗋 State 🗋 Private 🛛 Indian 🗍				
<u>Pit</u>	Below-grade tank			
Type: Drilling 🛛 Production 🔲 Disposal 🗌	Volume:bbl Type of fluid:			
Workover 🔲 Emergency	Construction material:			
Lined 🛛 Unlined 🗌	Double-walled, with leak detection? Yes	If not, explain why not.		
Liner type: Synthetic 🛛 Thickness <u>12</u> mil Clay 🗖				
Pit Volumebbl closed system, cuttings hauled				
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)		
high water elevation of ground water.) 50	50 feet or more, but less than 100 feet			
•	100 feet or more	(0 points)		
	Yes	(20 points)		
Wellhead protection area: (Less than 200 feet from a private domestic	No	(0 points)		
water source, or less than 1000 feet from all other water sources.)				
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)		
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)		
mignion canas, anches, and percinital and optimient in advice of the	1000 feet or more	(0 points)		
	Ranking Score (Total Points)	20		
If 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 bo		
your are burying in place) onsite [] offsite [] If offsite, name of facility_	(3) Attach a general descript	tion of remedial action taken including remediation s		
date and end date. (4) Groundwater encountered: No 🗌 Yes 🗌 If yes, sh	iow denth below ground surface	ft and attach sample results.		
 (4) Orolindwater encountered. To be rest in yos, and so have been and excavation of sample locations and excavations. 				
Additional Comments:				
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I hereby certify that the information above is true and complete to the bes	t of my knowledge and belief. I further cer	tify that the above-described pit or below-grade t		
has been will be constructed or glored pagerding to NMOCD guidelin	nes 🛛, a general permit 🗋, or an (attache	d) alternative OCD-approved plan [].		
has been will be constructed of closed according to have be guident		- 17		
Date, 10.11.07	17-1.1			
Date, <u>10.11.07</u> Printed Name/Title <u>Natalie Krueger – Regulatory Analyst</u>				
Date, 10.11.07	not relieve the operator of hability should th	e contents of the pit or tank contaminate ground wat		
Date, <u>10.11.07</u> Printed Name/Title <u>Natalic Krueger – Regulatory Analyst</u> Your certification and NMOCD approval of this application/closure does otherwise endanger public health or the environment. Nor does it relieve	not relieve the operator of hability should th	e contents of the pit or tank contaminate ground wat		

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