

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-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration of Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>CIMAREX ENERGY Co</u> Telephone: <u>972-401-3111</u> e-mail address: <u>2FA0055@CIMAREX.COM</u>		
Address: <u>P.O. Box 140907, IRVING TX 75014-0907</u>		
Facility or well name: <u>HUMBERT 6 STATE COM 1</u> API #: <u>30-025-38603</u> U/L or Qtr/Qtr <u>M</u> Sec <u>6</u> T <u>15S</u> R <u>38E</u>		
County: <u>CEA</u> Latitude <u>33°02' 24.95 N</u> Longitude <u>103°08' 32.05 W</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12 mil</u> Clay <input type="checkbox"/> Pit Volume <u> </u> bbl		
Below-grade tank Volume: <u> </u> bbl Type of fluid: <u> </u> Construction material: <u> </u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: <u> </u>		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>53</u>	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) <u>X</u> (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)
Ranking Score (Total Points)		<u>10</u>

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 box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility CRF. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:	RECEIVED
	APR 17 2003
	HOBBS OCD

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described 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 ☐.

Date:
Printed Name/Title: Dorsey Rogers Signature: [Signature]

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: [Signature]
Printed Name/Title: Signature: ENVIRONMENTAL ENGINEER Date: 4.17.03



4311 Monica Lane, Carlsbad, NM 88220

Phone 505-236-6012

Fax 505-236-6063

Cell 505- 361-3217

Email bandr@pvtnetworks.net

April 16, 2008

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

Re: Cimarex Energy Co.
Humbolt 6 State Com No.1 – Final Drying pad Closure

Humbolt 6 State Com No. 1
API: 30-025-38603
Sec 6-T15S-R38E

Depth to Ground Water: 53'
Planned Analytical Testing: Chlorides
Site Ranking Score: 10
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 59.1mg/kg

North West Quad 57.1mg/kg

South East Quad <32.5mg/kg

South West Quad <32.5mg/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.

Sampling/Location diagram

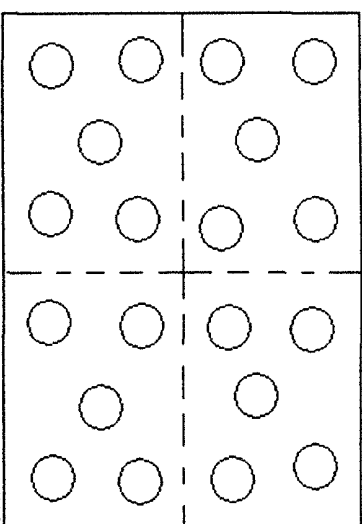
Humbolt 6 #1

Excavation Start Date 4-3-08

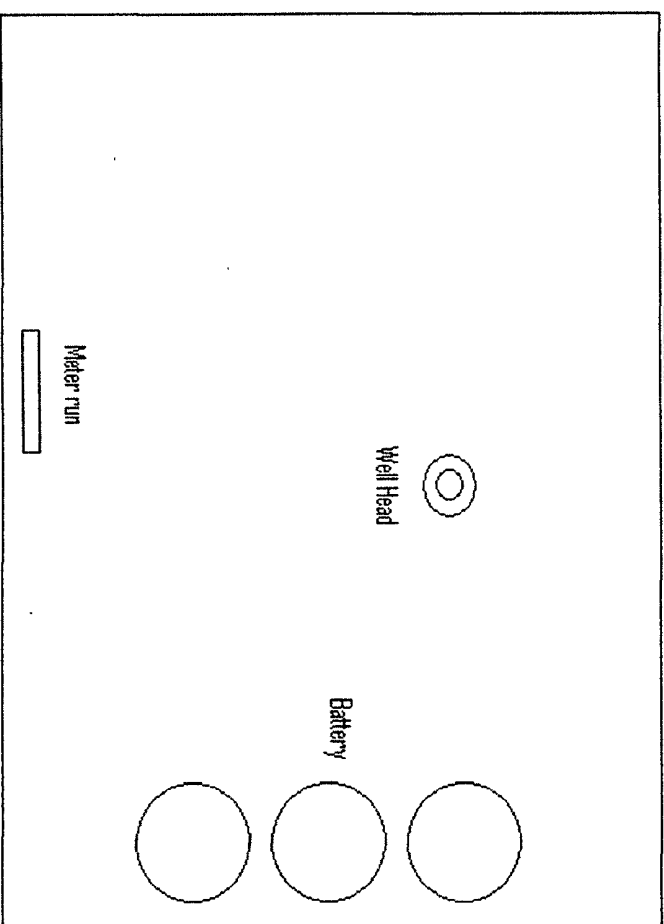
End Date 4-8-08

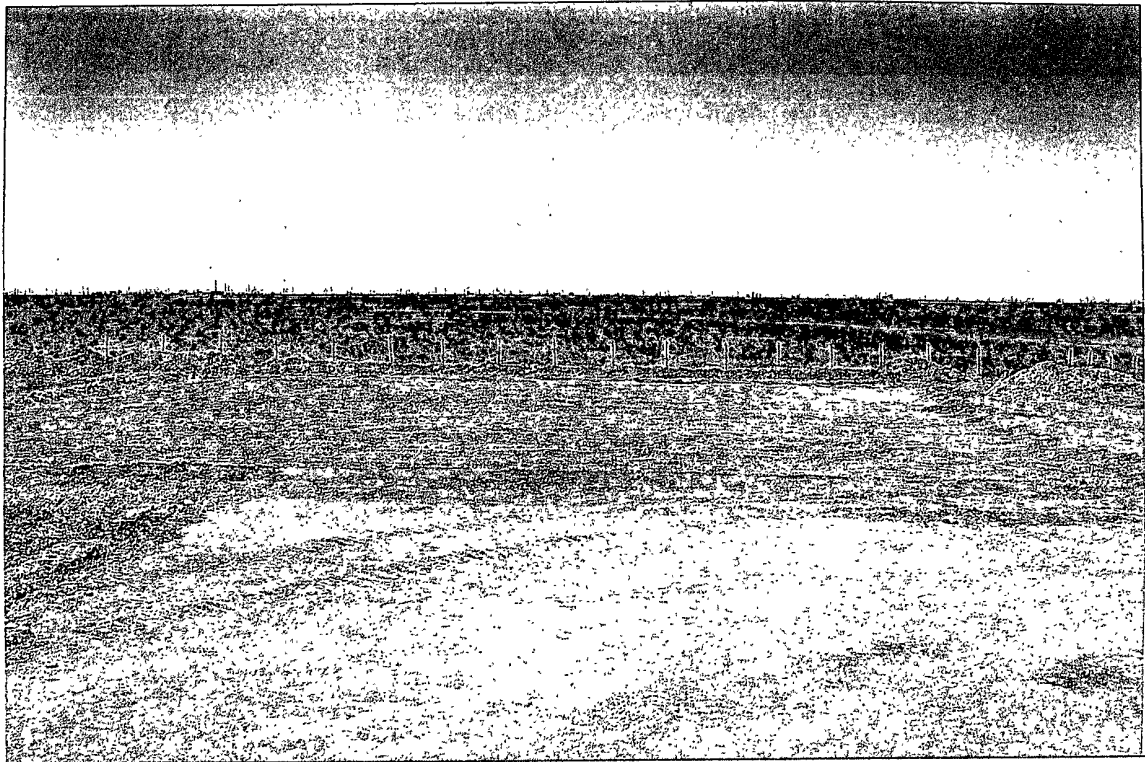
The Excavation included the removal of all mud, liner and 6" of soil under liner.
Field samples were then performed and digging continued where necessary.
The drying pad was divided into four equal quadrants. Five samples were taken in each
quad (one in each corner and one in the center) they were then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

Drying pad/Sampling diagram



-North Side-





Summary Report

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

Report Date: April 16, 2008

Work Order: 8041417



Project Location: API-30-025-38603
Project Name: Humbolt 6 State Com #1
Project Number: Cimarex

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
156729	NE Quad.	soil	2008-04-05	13:00	2008-04-12
156730	NW Quad.	soil	2008-04-05	14:00	2008-04-12
156731	SE Quad.	soil	2008-04-05	14:30	2008-04-12
156732	SW Quad.	soil	2008-04-05	15:00	2008-04-12

Sample: 156729 - NE Quad.

Param	Flag	Result	Units	RL
Chloride		59.1	mg/Kg	3.25

Sample: 156730 - NW Quad.

Param	Flag	Result	Units	RL
Chloride		57.1	mg/Kg	3.25

Sample: 156731 - SE Quad.

Param	Flag	Result	Units	RL
Chloride		<32.5	mg/Kg	3.25

Sample: 156732 - SW Quad.

Param	Flag	Result	Units	RL
Chloride		<32.5	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: BER TRUCKING Phone #: 575-236-6012
Address: (Street, City, Zip) 4311 MANICAN CARLSBAD NM 88220 Fax #: 575 236 6063
Contact Person: 375 ZAYLAND VANNATA E-mail: zand-r@wildblue.net
Invoice to: 361-2132
(If different from above)

Project #: CIMAREX Project Name: HUMBOLT 6 STATE CO. #1
Project Location (including state): 30-025-38603 Sampler Signature: [Signature]

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		MTBE 8021B / 6022B / 8260B / 624	BTX 8021B / 6022B / 8260B / 624	TPH 418 1 / TX1005	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba C TCLP Metals Ag As B TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	CHLORIDES	2 DAY RUSH	Turn Around Time if different from standard	Hold		
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME																				
56929	NE QUAD	1		X									4-5	1:00																					
730	NW QUAD	1		X									4-5	2:00																					
731	SE QUAD	1		X									4-5	2:30																					
732	SW QUAD	1		X									4-5	3:00																					

Relinquished by: ZAYLAND VANNATA BER Company: BER Date: 4-11-08 Time: 6:00
Received by: TEREIMAH FERNANDEZ Company: TA Date: 4-11-08 Time: 6:00
Relinquished by: TEREIMAH FERNANDEZ BER Company: BER Date: 4-12-08 Time: 8:40
Received by: TA Company: TA Date: 4/12/08 Time: 8:40

LAB USE ONLY

Intact Y/N
Headspace Y/N/NA
Log-in Review

REMARKS:

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

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C O. C.

Carrier #

Walk in

ORIGINAL COPY

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Operator: <u>Cimarex Energy Co.</u> Telephone: <u>972-401-3111</u> e-mail address: <u>zfarris@cimarex.com</u>	
Address: <u>PO Box 140907, Irving, TX 75014-0907</u>	
Facility or well name: <u>Humboldt 6 State Comp No. 1</u> API #: <u>30-025-38603</u> U/L or Qtr/Qtr <u>M</u> Sec <u>6</u> T <u>15S</u> R <u>38E</u>	
County: <u>Lea</u> Latitude <u>33° 02' 24.95 N</u> Longitude <u>103° 08' 37.05 W</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>	
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Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>.12</u> mil Clay <input type="checkbox"/> Pit Volume _____ bbl closed system, cuttings hauled	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not _____
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>53</u>	Less than 50 feet (20 points) <u>50 feet or more, but less than 100 feet</u> (10 points) 100 feet or more (0 points)
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Ranking Score (Total Points) <u>10</u>	

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 box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results.

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Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described 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 ☐.

Date: 11.12.07

Printed Name/Title: Zeno Farris - Manager Operations Administration

Signature: Zeno Farris

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title: CHRIS WILLIAMS / DIST SW

Signature: Chris Williams

Date: 11/13/07