

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 or 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: CIMAREX ENERGY CO Telephone: 972-401-3111 e-mail address: 2FARRE@CIMAREX.COM  
Address: PO Box 140907 IRVING TX 75014-0907  
Facility or well name: HARVARD 6 FEE NO. 2 API #: 30-025-38513 U/L or Qtr/Qtr D Sec 6 T 15S R 38E  
County: LEA Latitude 33°03'08.73 N Longitude 103°08'37.09 W NAD: 1927 ☐ 1983 ☒  
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

<b>Pit</b> 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	<b>Below-grade tank</b> 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) 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 water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (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 CRI. (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:	<b>RECEIVED</b>
	APR 02 2008
	<b>HOBBS OCD</b>

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: \_\_\_\_\_  
Printed Name/Title: \_\_\_\_\_ Signature: [Signature] Date: 4.2.08  
ENVIRONMENTAL ENGINEER



4311 Monica Lane, Carlsbad, NM 88220

Phone 505-236-6012

Fax 505-236-6063

Cell 505- 361-3217

Email [bandr@pvtnetworks.net](mailto:bandr@pvtnetworks.net)

March 20, 2008

RECEIVED

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

APR 02 2008

HOBBS OCD

Re: Cimarex Energy Co.  
Harvard 6 Fee No. 2 – Final Drying pad Closure

**Harvard 6 Fee No. 2**  
API: 30-025-38513  
Sec 6-T15S-R38E

Depth to Ground Water: 50'-100'  
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 58.3mg/kg

North West Quad 60.2mg/kg

South East Quad 170mg/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,

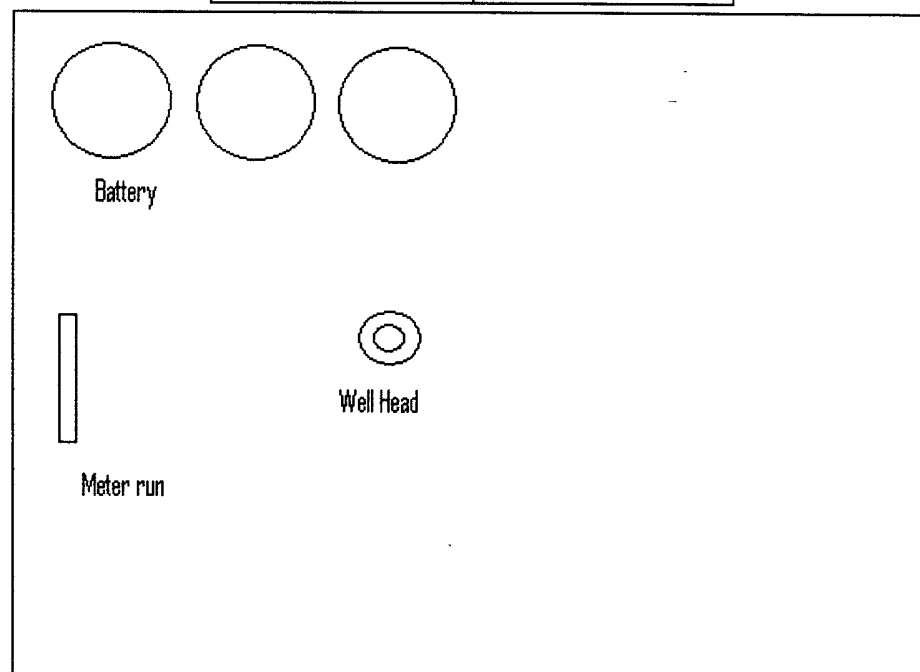
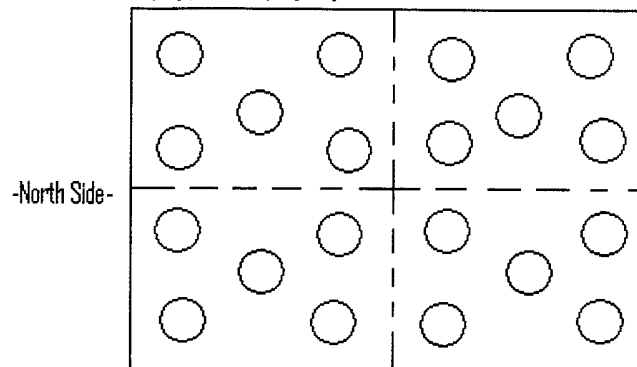
Rayland VanNatta  
B&R Trucking

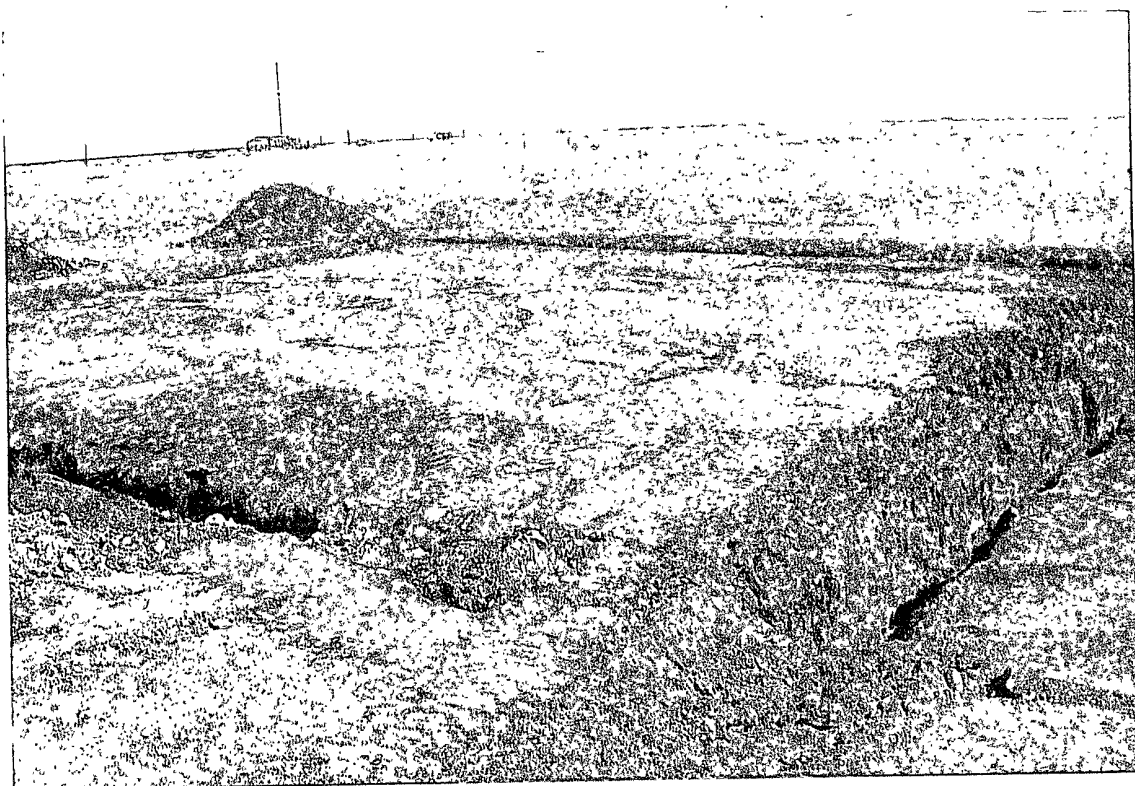
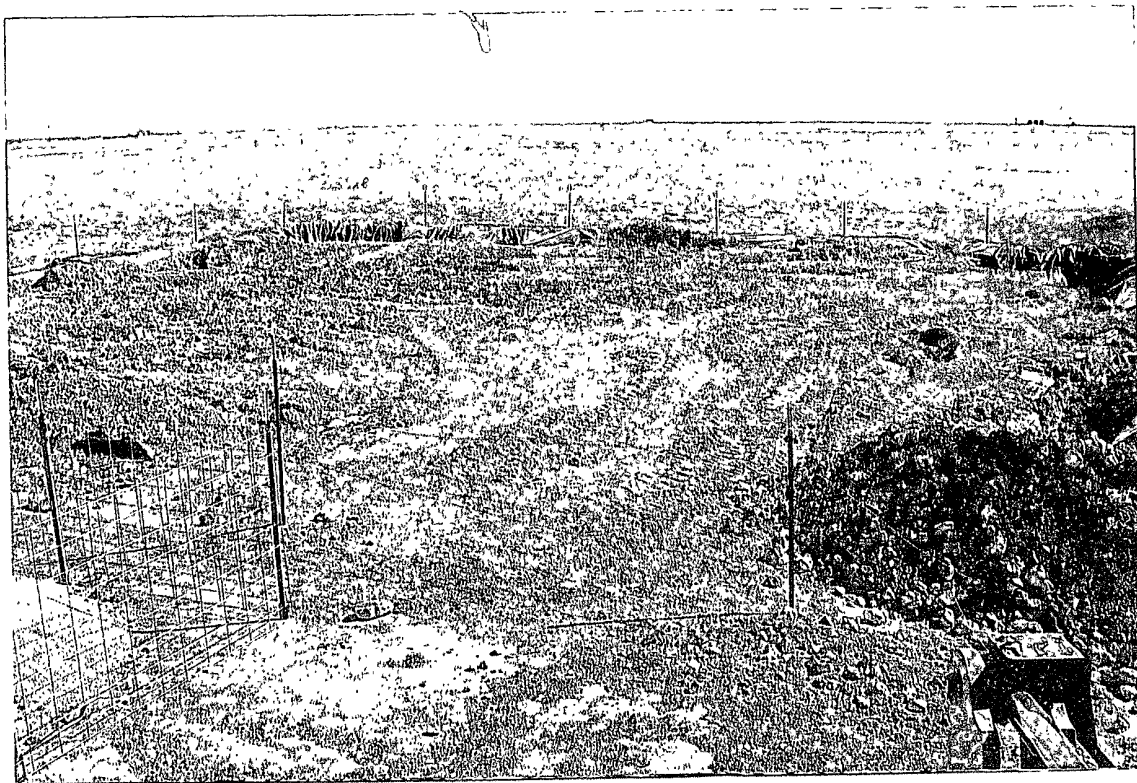
Cimarex Energy Co.  
Harvard 6 Fee No. 2  
Sampling/Location diagram

Excavation started on February 2, 08 and ended on February 26, 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





## Summary Report

Trey Hughes  
B & R Trucking  
4311 Monica Lane  
Carlsbad, NM, 88220

Report Date: March 20, 2008

Work Order: 8030610



Project Location: API #30-025-38513 (New Mexico)  
Project Name: Harvard 6 Fee No. 2  
Project Number: Cimarex

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
152665	NE Quad	soil	2008-02-26	15:00	2008-03-06
152666	NW Quad	soil	2008-02-26	15:30	2008-03-06
152667	SE Quad	soil	2008-02-26	16:00	2008-03-06
152668	SW Quad	soil	2008-02-26	16:30	2008-03-06

### Sample: 152665 - NE Quad

Param	Flag	Result	Units	RL
Chloride		58.3	mg/Kg	3.25

### Sample: 152666 - NW Quad

Param	Flag	Result	Units	RL
Chloride		60.2	mg/Kg	3.25

### Sample: 152667 - SE Quad

Param	Flag	Result	Units	RL
Chloride		170	mg/Kg	3.25

### Sample: 152668 - SW Quad

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



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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>Harvard 6 Fee No 2</u> API #: <u>30-025-3851-3</u> U/L or Qtr/Qtr <u>D</u> Sec <u>6</u> T <u>15S</u> R <u>38E</u>		
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Date 09.04.07

Printed Name/Title Zeno Farris - Manager Operations Administration Signature Zeno Farris

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Approval

Printed Name/Title Chris Williams Signature CHRIS WILLIAMS / DIST. SEC. Date 9/6/07