| District II Energy M 1301 W. Grand Avenue, Artesia, NM 88210 | tate of New Mexico linerals and Natural Resources | Form C-144 Jane 1, 2004 | | | |
|---|---|--|--|--|--|
| District III Oil 1000 Rio Brazos Road, Aztec, NM 87410 District IV 122 | O South St. Francis Dr. | For drilling and production facilities, submit to appropriate NMOCD District Office. For downstream facilities, submit to Santa Fe office | | | |
| Is pit or below-grade ta | ade Tank Registration or (nk covered by a "general plan"? Yes or below-gende tank [] Closure of a pit or b | No D | | | |
| Operator: <u>CIMALEX ENERCY CO</u> Adidress: <u>PO BOX 190907 IRUING TX 7</u> Facility or well name: <u>HARVARO 6 FEE NO. Z</u> API #: | 30-025-38513 UIL or Othio | tr /) Sec. 6 T /55 R 386 | | | |
| County: LEA Latitude | 33°03'0873 N Longitude | /03 08 3709 W NAD: 1927 1983 | | | |
| Pit | Below-grade tank | | | | |
| Eyee: Drilling 🛛 Production 🔲 Disposel 🗍 Workover 🔲 Emergency 💭 | Volume:bbi Type of fluid: Construction material: | | | | |
| Lined 🔯 Unlined 🔲 Liner type: Synthetic 🔯 Thickness 12 mil Clay 🔲 | Double-walled, with leak detection? Yes | If not, explain why not. | | | |
| Pit Volumebbl Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) 53 | Less than 50 feet 50 feet or more, but less than 100 feet | (20 points) (10 points) | | | |
| Wellhead protection area: (Less than 200 feet from a private domestic | 100 feet or more Yes No | (0 points) (20 points) (0 points) | | | |
| water source, or less than 1000 feet from all other water sources.) 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) | 10 | | | |
| | | | | | |
| our are burying in place) onsite [] offsite [X] If offsite, name of facility mediation start date and end date. (4) Groundwater encountered: No [X] | Yes 🔲 If yes, show depth below ground sur | I | | | |
| our are burying in place) onsite i offsite X If offsite, name of facility smediation start date and end date. (4) Groundwater encountered: No X 5) Attach soil sample results and a diagram of sample locations and excan | Yes 🔲 If yes, show depth below ground sur | I | | | |
| our are burying in place) onsite i offsite X If offsite, name of facility smediation start date and end date. (4) Groundwater encountered: No X 5) Attach soil sample results and a diagram of sample locations and excan | Yes 🔲 If yes, show depth below ground sur | I | | | |
| f this is a pit closure: (1) Attach a diagram of the facility showing the pi our are burying in place) onsite i offsite X If offsite, name of facility smediation start date and end date. (4) Groundwater encountered: No X 5) Attach soil sample results and a diagram of sample locations and excan Additional Comments: | Yes [] If yes, show depth below ground survations. | faceft. and attach sample results. ECEIVED APR 0 2 2003 DBBS OCI | | | |
| our are burying in place) onsite i offsite [X] If offsite, name of facility smediation start date and end date. (4) Groundwater encountered: No [X 5) Attach soil sample results and a diagram of sample locations and excan Additional Comments: | Yes I If yes, show depth below ground sur- rations. | faceft. and attach sample results. | | | |
| our are burying in place) onsite i offsite X If offsite, name of facility smediation start date and end date. (4) Groundwater encountered: No X 5) Attach soil sample results and a diagram of sample locations and excert | Yes I If yes, show depth below ground sur- rations. | faceft. and attach sample results. | | | |



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 20, 2008

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

APR 0 2 2008 **)BBS OCL**

RECEIVED

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

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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.

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ء ء` Report Date: March 20, 2008 Cimarex

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Work Order: 8030610 Harvard 6 Fee No. 2

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 |

| | | | Date | Time | Date |
|--------|-------------|--------|------------|-------|------------|
| Sample | Description | Matrix | Taken | Taken | 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 | \mathbf{RL} |
| Chloride | | 60.2 | mg/Kg | 3.25 |

Sample: 152667 - SE Quad

| Param | Flag | Result | Units | \mathbf{RL} |
|----------|------|--------|-------|---------------|
| Chloride | | 170 | mg/Kg | 3.25 |

Sample: 152668 - SW Quad

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| Param | Flag | Result | Units | \mathbf{RL} | |
|----------|------|--------|-------|---------------|--|
| Chloride | | <32.5 | 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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| | TraceAnalysis, email: lab@traceanalysis.com | | J | | | (NG | | | | | | | | | | | | | | | Date: | Bill Teudray 3508 | Date: | Date: , | Submittal of samples constitutes agreement to Terms and Conditions listed on reverse |
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| <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II | State of New Mexico Energy Minerals and Natural Resources | Form C-14 June 1, 200 | | | | | |
|---|---|--|--|--|--|--|--|
| 1301 W Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztee, NM 87410 <u>District IV</u> 1220 S St Francis Dr., Santa Fe, NM 87505 | Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 | 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 \Box No \boxtimes Type of action: Registration of a pit or below-grade tank \boxtimes Closure of a pit or below-grade tank \Box | | | | | | | |

| Operator Cimarex Energy Co Telephone | 972-401-3111e-mail address | zfarris@cimarex.com |
|---|---|------------------------------------|
| Address DO Dox 140007: Inung TY 75014-0907 | | |
| Facility or well name: Harvard 6 Fee No 2 API #: 30-025-38 | 51-0/L or Qir/Qir_D_Sec_6T_ | <u>15S R_38E</u> |
| County Lea Latitude | 33° 03' 08 73 N Longitude 103° 08 | <u>' 37 09 W</u> NAD 1927 🗌 1983 🔀 |
| Surface Owner: Federal 🗋 State 🗋 Private 🛛 Indian 🗋 | | |
| Pit | Below-grade tank | |
| Type: Drilling X Production Disposal | Volume:bb} Type of fluid: | |
| Workover 🔲 Emergency 🔲 | Construction material: | |
| | Double-walled, with leak detection? Yes If not, | explain why not |
| Liner type: Synthetic Thickness 12 mil Clay | | |
| Pit Volumebbl closed system, cuttings hauled | | |
| Depth to ground wates (vertical distance from bottom of pit to seasonal | Less than 50 feet | (20 points) |
| high water elevation of ground water.) 53' | 50 feet or more, but less than 100 feet | (10 points) |
| , | 100 feet or more | (0 points) |
| | Yes | (20 points) |
| Wellhead protection area (Less than 200 feet from a private domestic | \mathbb{N}_{0} | (0 points) |
| water source, or less than 1000 feet from all other water sources.) | | |
| Determine the second of the second distance to all methods allowed | 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 cphemeral watercourses.) | (1000 feet or more) | (0 pomts) |
| | Ranking Score (Total Points) | 10 |

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 ____ (3) Attach a general description of remedial action taken including remediation start your are burying in place) onsite 🗌 offsite 🔲 If offsite, name of facility_____ 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 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. 09.04.07 1

Printed Name/Title Zeno Farris - Manager Operations Administration Signature

Zeno Fans

9/0/07

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pil 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.

This Welliam Printed Name/Title