

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 ☐

JUL 11 2007

OCD ARTESIA

Operator: <u>Comorex Energy</u> Telephone: <u>505-628-3447</u> e-mail address: <u>dorsey.rogers@ar.com</u>	
Address: <u>7101 Dorcas Rd. Lordsburg N.M.</u>	
Facility or well name: <u>White City 33 Fed Cm</u> API #: <u>30-05-34882</u> U/L or Qtr/Tr: <u>5</u> Sec: <u>33</u> T: <u>24</u> R: <u>26</u>	
County: <u>Eddy Co. N.M.</u> Latitude: <u>N 32° 10' 17.5"</u> Longitude: <u>W 104° 17' 40.8"</u> NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>	
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input 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 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 <u>Drying PAD</u>	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>Borehole to 70' bgs - DRY</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) <u>10</u>
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) <u>No</u> (0 points) <u>0</u>
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) <u>1000 feet or more</u> (0 points) <u>0</u>
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. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:
<u>See Attached Work plan</u>
<u>Borehole advanced to 70' BGS 2/07 - No groundwater encountered</u>

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 <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	
Date: <u>7/10/07</u>	Signature: <u>[Signature]</u>
Printed Name/Title: <u>Dorsey Rogers</u>	
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:	Signed By: <u>[Signature]</u> Date: <u>JUL 12 2007</u>
Printed Name/Title:	

Notify OCD 24 hours prior to beginning closure.

(E)

New Mexico Environmental Services

Hobbs, New Mexico

Reserve Pit Remediation

SURFACE PIT CLOSURE PLAN

PIT PARAMETERS

COMPANY: Cimerex Energy.

WELL SITE: White City 33 Fed. Com. #4

LEGAL DESCRIPTION: Sec.33,T24s,R26e

LAT:N32*10'17.5"LONG:W104*17'40.8"

The Drying Pad inset on this leasehold is being permitted to close as per New Mexico OCD "Pit and Below Grade Tank Guidelines" dated November 1, 2004.

This Drying Pad was formed to the dimensions roughly 120'x 120' A 12 mil membrane liner and pad was used to prevent leakage to the surface soils. A visual examination of the membrane liner indicates that the liner had maintained its integrity.

After the drilling and completion phase of this project, the water phase of the pit contents were pumped and hauled to an approved water injection facility. It is estimated that the volume of solids remaining are to +/- 1500 yards. The burial cell is to be excavated and lined with a 20 mil membrane that complies with ASTM Standards: D-5747, D-5199, D-5994, and D-4833. The cutting will be loaded as to allow for >36" freeboard to ground level. After the cutting are loaded the 12 mil liner will be folded over the top, and a 20 mil minimum thickness liner meeting the minimum requirements as outlined in ASTM Standard Methods: D-5747, D-5199, D-5994, D-4833; will be used to cap and cover to an extended area that exceeds three feet in all directions from the edge of the burial cell.

A minimum of 36" of top soil will be used to cover the burial cell. This soil must be capable of supporting plant growth. A seed mixture will be used as to conform to local BLM and OCD requirements.

After the drilling solids are buried, the natural contour of the surrounding soils will be mechanically shaped as to prevent erosion of the well site until vegetation is established.

File Number: _____

**NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD**

1. OWNER OF WELL

Name: Cimarex Energy Work Phone: 972-443-6489
Contact: Zeno Farris Home Phone: _____
Address: PO Box 140907
City: Irving State: TX Zip: 75014-0907

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)

- A. 1/4 1/4 1/4 Section: 33 Township: 24S Range: 26E N.M.P.M.
in Eddy County.
- B. X = _____ feet, Y = _____ feet, N.M. Coordinate System
Zone in the _____ Grant.
U.S.G.S. Quad Map _____
- C. Latitude: 32 d 10 m 17.9 s Longitude: 104 d 17 m 39.7 s
- D. East _____ (m), North _____ (m), UTM Zone 13, NAD _____ (27 or 83)
- E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey
- F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the
_____ Subdivision recorded in _____ County.
- G. Other: _____
- H. Give State Engineer File Number if existing well: _____
- I. On land owned by (required): Bounds Family Trust, Cecil D. Bounds, Trustee

3. DRILLING CONTRACTOR

License Number: WD-1456
Name: White Drilling Company, Inc. Work Phone: 325-893-2960
Agent: John W. White Home Phone: 325-893-2960
Mailing Address: P.O. Box 906
City: Clyde State: TX Zip: 79510

4. DRILLING RECORD: White City 33 Unit Com 4

Drilling began: 02/21/07; Completed: 02/22/07; Type tools: Air Rotary;
Size of hole: 6 1/8 in.; Total depth of well: 70.0 ft.;
Completed well is: shallow (shallow, artesian);
Depth to water upon completion of well: Dry ft.

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Tio Number: _____

File Number: _____

**NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD**

5. PRINCIPAL WATER-BEARING STRATA: White City 33 Unit Com 4

Depth in Feet		Thickness	Description of	Estimated Yield
From	To	in feet	water-bearing formation	(GPM)

6. RECORD OF CASING

Diameter (inches)	Pounds per ft.	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
2.0	Sch. 40	4.0	0.0	60.0	60.0			
2.0	.020	4.0	60.0	70.0	10.0		60.0	70.0

7. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole	Sacks	Cubic Feet	Method of Placement
From	To	Diameter	of mud	of Cement	
70.0	10.0	8 1/8	18.0		Bentonite Pellets
10.0	0.0	8 1/8	5.0	1.997	Hand Mix - Cement

8. PLUGGING RECORD

Plugging Contractor: _____
 Address: _____
 Plugging Method: _____
 Date Well Plugged: _____

Plugging approved by: _____
 State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			
5			

File Number: _____ Trn Number: _____
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NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS: White City 33 Unit Com 4
Temporary well set to measure ground water then pulled and plugged borehole.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Dr. L. V. R.

(mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad _____; FWL _____; FSL _____; Use _____; Location No _____

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