

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 ☐

IAN - 7 2008  
OCD-ARTESIA

Operator: <u>Cimarex Energy Co. of Colorado</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>Essex 22 State Com No. 1</u> API #: <u>30-005-28005</u> U/L or Qtr/Qtr <u>H</u> Sec <u>22</u> T <u>15S</u> R <u>31E</u>		
County: <u>Chaves</u> Latitude <u>33.003110 N</u> Longitude <u>103.801512 W</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
<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 <u>      </u> bbl closed system, cuttings buried	<b>Below-grade tank</b> 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>25' 255'</u>	Less than 50 feet 50 feet or more, but less than 100 feet <u>100 feet or more</u>	(20 points) (10 points) ( 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 <u>No</u>	(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 <u>1000 feet or more</u>	(20 points) (10 points) ( 0 points)
<b>Ranking Score (Total Points)</b>		<b>0</b>

**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:	<b>RECEIVED</b>
	JAN 10 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: 12.28.07

Printed Name/Title: Natalie Krueger - Regulatory Analyst

Signature: Natalie Krueger

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. SUPERV.

Signature: Chris Williams

Date: 1/24/08

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

☐ AMENDED REPORT

API Number <b>3D-005-28005</b>		Pool Code	Pool Name <b>Wildcat Wolfcamp</b>
Property Code <b>36911</b>	Property Name <b>ESSEX 22 STATE COM</b>		Well Number <b>1</b>
OGRID No. <b>162683</b>	Operator Name <b>CIMAREX ENERGY COMPANY OF COLORADO</b>		Elevation <b>4390.9'</b>

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	22	15-S	31-E		1980	NORTH	330	EAST	CHAVES

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	22	15-S	31-E		1980	NORTH	330	WEST	CHAVES
Dedicated Acres <b>160</b>	Joint or Infill	Consolidation Code <b>P</b>	Order No.						

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

		<b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>  Signature: <u>Natalie Krueger</u> Date: <u>12-28-07</u> Printed Name: <u>Natalie Krueger</u>	
<b>BOTTOM HOLE LOCATION</b> Y=729015.6 N X=658418.8 E		<b>SURVEYOR CERTIFICATION</b> <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  NOVEMBER 16, 2007 Date Surveyed: <u>12/14/07</u> Signature & Seal of Professional Surveyor: <u>Ronald J. Eidson</u> Certificate No. <u>GARY C. EIDSON 12641</u> <u>RONALD J. EIDSON 3239</u>	



**Cimarex Energy Co. of Colorado**

5215 North O'Connor Blvd. ♦ Suite 1500 ♦ Irving, TX 75039 ♦ (972) 401-3111 ♦ Fax (972) 443-6486

Mailing Address: P.O. Box 140907 ♦ Irving, TX 75014-0907

*A subsidiary of Cimarex Energy Co. • A NYSE Listed Company • "XEC"*

December 28, 2007

Oil Conservation Division  
District II Office  
1301 W. Grand Ave.  
Artesia, New Mexico 88210  
Attn: Mr. Bryan Arrant

Re: Statewide Rule 118  
Hydrogen Sulfide Gas Contingency Plan  
Proposed Essex 22 State Com No. 1 Well

Dear Mr. Arrant:

In accordance with NMAC 19.15.3.118 C. (1) governing the determination of the hydrogen sulfide concentration in gaseous mixtures in each of its operations, Cimarex Energy Co. of Colorado does not anticipate that there will be enough H<sub>2</sub>S from the surface to the Wolfcamp formations to meet the OCD's minimum requirements for the submission of a contingency plan for the drilling and completion of the following test(s):

Essex 22 State Com No. 1  
22-15S-31E  
SHL 1980' FNL & 330' FEL  
BHL 1980' FNL & 330' FWL  
Chaves County, NM

If anything further is needed regarding this issue, or if you have any questions, please feel free to contact the undersigned at 972-443-6489.

Yours truly,

A handwritten signature in black ink that reads "Natalie Krueger". The signature is fluid and cursive, with the first name and last name clearly distinguishable.

Natalie Krueger  
Regulatory Analyst