

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 <b>District II</b> 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 <b>District IV</b> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Form C-103 August 1, 2011 Permit 243355 WELL API NUMBER 30-025-43626 5. Indicate Type of Lease S 6. State Oil & Gas Lease No.  7. Lease Name or Unit Agreement Name STATE LF 32 5																																																																
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)																																																																		
1. Type of Well: O		8. Well Number 002H																																																																
2. Name of Operator CIMAREX ENERGY CO.		9. OGRID Number 215099																																																																
3. Address of Operator 202 S. Cheyenne Ave., Suite 1000, Tulsa, OK 74103		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>D</u> : <u>330</u> feet from the <u>N</u> line and feet <u>715</u> from the <u>W</u> line Section <u>32</u> Township <u>16S</u> Range <u>34E</u> NMPM _____ County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 4127 GR																																																																		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____																																																																		
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width:100%;"> <tr> <td colspan="2" style="text-align: center;">NOTICE OF INTENTION TO:</td> <td colspan="2" style="text-align: center;">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> <td>REMEDIAL WORK <input type="checkbox"/></td> <td>ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>TEMPORARILY ABANDON <input type="checkbox"/></td> <td>CHANGE OF PLANS <input type="checkbox"/></td> <td>COMMENCE DRILLING OPNS. <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>MULTIPLE COMPL <input type="checkbox"/></td> <td>CASING/CEMENT JOB <input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/></td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>	TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>		Other: _____		Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>																																													
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																																																																
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>																																																															
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>																																																															
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>																																																																
Other: _____		Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>																																																																
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Spud well at 6:30 am. See Attached <u>9/22/2017</u> Spudded well.																																																																		
<b>Casing and Cement Program</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>String</th> <th>Fluid Type</th> <th>Hole Size</th> <th>Csg Size</th> <th>Weight lb/ft</th> <th>Grade</th> <th>Est TOC</th> <th>Dpth Set</th> <th>Sacks</th> <th>Yield</th> <th>Class</th> <th>1" Dpth</th> <th>Pres Held</th> <th>Pres Drop</th> <th>Open Hole</th> </tr> </thead> <tbody> <tr> <td>09/23/17</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>68</td> <td>L80</td> <td>0</td> <td>1591</td> <td>1545</td> <td>1.73</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>10/16/17</td> <td>Int1</td> <td>CutBrine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>HCL80</td> <td>0</td> <td>11715</td> <td>1350</td> <td>3.45</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>11/14/17</td> <td>Prod</td> <td>CutBrine</td> <td>8.5</td> <td>5.5</td> <td>23</td> <td>P110</td> <td>11500</td> <td>17806</td> <td>1690</td> <td>1.14</td> <td>H</td> <td></td> <td>8500</td> <td>0</td> <td>Y</td> </tr> </tbody> </table>			Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole	09/23/17	Surf	FreshWater	17.5	13.375	68	L80	0	1591	1545	1.73	C		1500	0	Y	10/16/17	Int1	CutBrine	12.25	9.625	40	HCL80	0	11715	1350	3.45	C		1500	0	Y	11/14/17	Prod	CutBrine	8.5	5.5	23	P110	11500	17806	1690	1.14	H		8500	0	Y
Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole																																																			
09/23/17	Surf	FreshWater	17.5	13.375	68	L80	0	1591	1545	1.73	C		1500	0	Y																																																			
10/16/17	Int1	CutBrine	12.25	9.625	40	HCL80	0	11715	1350	3.45	C		1500	0	Y																																																			
11/14/17	Prod	CutBrine	8.5	5.5	23	P110	11500	17806	1690	1.14	H		8500	0	Y																																																			
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any 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"/> .																																																																		
<table style="width:100%;"> <tr> <td style="width:15%;">SIGNATURE</td> <td style="width:30%;"><u>Electronically Signed</u></td> <td style="width:15%;">TITLE</td> <td style="width:20%;"><u>Prod Admin Supervisor</u></td> <td style="width:15%;">DATE</td> <td style="width:5%;"><u>12/14/2017</u></td> </tr> <tr> <td>Type or print name</td> <td><u>Genea A Holloway</u></td> <td>E-mail address</td> <td><u>gholloway@cimarex.com</u></td> <td>Telephone No.</td> <td><u>918-295-1658</u></td> </tr> </table>			SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Prod Admin Supervisor</u>	DATE	<u>12/14/2017</u>	Type or print name	<u>Genea A Holloway</u>	E-mail address	<u>gholloway@cimarex.com</u>	Telephone No.	<u>918-295-1658</u>																																																				
SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Prod Admin Supervisor</u>	DATE	<u>12/14/2017</u>																																																													
Type or print name	<u>Genea A Holloway</u>	E-mail address	<u>gholloway@cimarex.com</u>	Telephone No.	<u>918-295-1658</u>																																																													
<b>For State Use Only:</b> <table style="width:100%;"> <tr> <td style="width:15%;">APPROVED BY:</td> <td style="width:30%;"><u>Paul Kautz</u></td> <td style="width:15%;">TITLE</td> <td style="width:20%;"><u>Geologist</u></td> <td style="width:15%;">DATE</td> <td style="width:5%;"><u>12/14/2017 12:22:05 PM</u></td> </tr> </table>			APPROVED BY:	<u>Paul Kautz</u>	TITLE	<u>Geologist</u>	DATE	<u>12/14/2017 12:22:05 PM</u>																																																										
APPROVED BY:	<u>Paul Kautz</u>	TITLE	<u>Geologist</u>	DATE	<u>12/14/2017 12:22:05 PM</u>																																																													

State LF 32-5 #2H  
30025-43626  
Cimarex Energy Inc.  
Sec. 32, 16S, 34E – Lea County NM

09-22-17	Spud well.
09-23-17	TD 17-1/2" hole @ 1591'. RIH w/ 13-3/8", 68#, L80, BT& C csg & set @ 1591'.
09-24-17	Mix & pump 1545 sx Class C cmt. Circ 455 sx to surface. WOC 8+ hrs.
09-25-17	Test csg to 1500# for 30 mins. OK.
10-16-17	TD 12-1/4" hole @ 11715'. RIH w/ 9-5/8", 40#, HCL 80, BTC csg & set @ 11715'.
10-18-17	Mix & pump 1350 sx Class C cmt. Circ 733 sx to surface. WOC 8+ hrs.
11-01-17	TD 8-1/2" hole @ 19939'.
11-02-17 to	Wash & reaming. LD BHA.
11-10-17	Circ clean up cycle.
11-12-17	
11-13-17 to	
11-17-17	RIH w/ 5-1/2", 23#, P110 csg. Attempt to get to bottom with casing. Set csg @ 17806'.
11-22-17	Mix & pump 1690 sx Class H cmt.
11-23-17	Rig release.
12-07-17	Run CBL. TOC @ 11500'

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Comments  
  
Permit 243355

**DRILLING COMMENTS**

Operator: CIMAREX ENERGY CO. 202 S. Cheyenne Ave. Tulsa, OK 74103	OGRID: 215099
	Permit Number: 243355
	Permit Type: Drilling

**Comments**

Created By	Comment	Comment Date
------------	---------	--------------

There are no Comments for this Permit