

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	Form C-103 August 1, 2011 Permit 238853 <hr/> WELL API NUMBER 30-025-43459 <hr/> 5. Indicate Type of Lease S <hr/> 6. State Oil & Gas Lease No. <hr/> 7. Lease Name or Unit Agreement Name STATE LF 30																																																																																
SUNDRY NOTICES AND REPORTS ON WELLS (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 004H																																																																																
2. Name of Operator CIMAREX ENERGY CO.		9. OGRID Number 215099																																																																																
3. Address of Operator 600 N MARIENFELD STREET , SUITE 600 , MIDLAND , TX 79701		10. Pool name or Wildcat																																																																																
4. Well Location Unit Letter <u>P</u> : <u>210</u> feet from the <u>S</u> line and feet <u>990</u> from the <u>E</u> line Section <u>30</u> Township <u>16S</u> Range <u>34E</u> NMPM _____ County <u>Lea</u>																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 4129 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 <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____ </div> <div style="width: 48%;"> SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/> </div> </div>																																																																																		
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. See Attached <u>3/5/2017</u> Spudded well.																																																																																		
Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse; font-size: small;"> <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>03/06/17</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>48</td> <td>J55</td> <td>0</td> <td>425</td> <td>660</td> <td>1.35</td> <td>C</td> <td></td> <td>1200</td> <td></td> <td>N</td> </tr> <tr> <td>03/09/17</td> <td>Int1</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>HCK55</td> <td>0</td> <td>4500</td> <td>995</td> <td>1.87</td> <td>C</td> <td></td> <td>1500</td> <td></td> <td>N</td> </tr> <tr> <td>03/25/17</td> <td>Int2</td> <td>CutBrine</td> <td>8.75</td> <td>7</td> <td>32</td> <td>T95</td> <td>0</td> <td>11735</td> <td>995</td> <td>3.24</td> <td>H</td> <td></td> <td>2500</td> <td></td> <td>N</td> </tr> <tr> <td>04/15/17</td> <td>Liner1</td> <td>CutBrine</td> <td>6</td> <td>4.5</td> <td>11.6</td> <td>HCP110</td> <td>10885</td> <td>16139</td> <td>380</td> <td>1.2</td> <td>H</td> <td></td> <td></td> <td></td> <td>N</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	03/06/17	Surf	FreshWater	17.5	13.375	48	J55	0	425	660	1.35	C		1200		N	03/09/17	Int1	FreshWater	12.25	9.625	40	HCK55	0	4500	995	1.87	C		1500		N	03/25/17	Int2	CutBrine	8.75	7	32	T95	0	11735	995	3.24	H		2500		N	04/15/17	Liner1	CutBrine	6	4.5	11.6	HCP110	10885	16139	380	1.2	H				N
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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"/>																																																																																		
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> SIGNATURE Type or print name </div> <div style="width: 30%;"> Electronically Signed <u>Genea A Holloway</u> </div> <div style="width: 30%;"> TITLE E-mail address </div> <div style="width: 30%;"> Prod Admin Supervisor <u>gholloway@cimarex.com</u> </div> <div style="width: 30%;"> DATE <u>7/17/2017</u> </div> <div style="width: 30%;"> Telephone No. <u>918-295-1658</u> </div> </div>																																																																																		
For State Use Only: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> APPROVED BY: <u>Paul Kautz</u> </div> <div style="width: 30%;"> TITLE <u>Geologist</u> </div> <div style="width: 30%;"> DATE <u>7/18/2017 11:11:46 AM</u> </div> </div>																																																																																		

State LF 30 4H
3002543459
Lea County, NM

Drilling Ops

3-5-17 Spud well @ 11:15pm
3-6-17 TD 17 ½" hole @ 425'. RIH with 13 3/8" 48# J55 ST&C csg. Set csg @ 425'.
3-7-17 Mix & pump 660 sxs, Class C, 14.80 ppg, 1.35 yld. Circ 366 sxs to surface. WOC 4 hrs. Test csg to 1200 psi for 30 mins. OK.
3-9-17 TD 12 ¼" hole @ 4500'. RIH with 9 5/8", 40#, HCK-55 LT&C csg. Set csg @ 4500'.
3-11-17 Mix & pump Lead: 1575 sxs, 65:35:C, 12.90 ppg, 1.87 yld Tail: 315 sxs, Class C, 14.8 ppg, 1.33 yld. Circ 435 sxs to surface. 9 hrs.
3-12-17 Test csg to 1500 psi. for 30 min. OK.
3-18-17 TD 8 ¾" hole & curve @ 11735.
03-19-17 to
3-23-17 RU to retrieve stuck MWD. POOH w/ fish. Reaming curve.
3-24-17 POOH to run 7" casing.
3-25-17 RIH with 7" 32# T95 LT&C csg. Set csg @ 11735'.
3-26-17 Cement csg Lead: 685 sxs, Class H, 10.3 ppg, 3.24 yld. Tail: 310 sxs Class H, 14.5 ppg, 1.20 yld. Circ 36 sxs to surface. WOC 17+ hrs.
3-29-17 Test csg to 2500 psi. OK.
3-30-17 TIH with curve assy. Drilling 6" curve & KO Lateral.
04-11-17 TD 6" hole @ 16149'
04-15-17 RIH w/ 4-1/2", 11.6#, HCP 110, BTC liner and set @10885-16139'.
04-16-17 Mix & pump tail: 380 sx 50/50 POZ H. TOC @ TOL.
4-18-17 Release Rig

District I
1625 N. French Dr., Hobbs, NM 88240
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District II
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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 238853

DRILLING COMMENTS

Operator: CIMAREX ENERGY CO. 600 N MARIENFELD STREET MIDLAND , TX 79701	OGRID: 215099
	Permit Number: 238853
	Permit Type: Drilling

Comments

Created By	Comment	Comment Date
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There are no Comments for this Permit