

<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 256542 <hr/> WELL API NUMBER 30-015-44694 <hr/> 5. Indicate Type of Lease P <hr/> 6. State Oil & Gas Lease No.  <hr/> 7. Lease Name or Unit Agreement Name CRAWFORD 27 26 FEE																																																																																																																
<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: G		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>782</u> feet from the <u>N</u> line and feet <u>330</u> from the <u>W</u> line Section <u>27</u> Township <u>24S</u> Range <u>26E</u> NMPM _____ County <u>Eddy</u>																																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3349 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"/>																																																																																													
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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 See Attached <b>6/15/2018</b> Spudded well.																																																																																																																		
<b>Casing and Cement Program</b> <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <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>06/17/18</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>416</td> <td>525</td> <td>1.348</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>06/19/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J55</td> <td>0</td> <td>1758</td> <td>535</td> <td>1.66</td> <td>C</td> <td></td> <td>2466</td> <td>66</td> <td>N</td> </tr> <tr> <td>06/19/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J55</td> <td>0</td> <td>1758</td> <td>225</td> <td>1.348</td> <td>C</td> <td></td> <td>2466</td> <td>66</td> <td>N</td> </tr> <tr> <td>06/25/18</td> <td>Prod</td> <td>OilBasedMud</td> <td>8.75</td> <td>7</td> <td>26</td> <td>N80</td> <td>0</td> <td>8641</td> <td>555</td> <td>3.449</td> <td>NeoCem Lig</td> <td></td> <td>3000</td> <td>0</td> <td>N</td> </tr> <tr> <td>06/25/18</td> <td>Prod</td> <td>OilBasedMud</td> <td>8.75</td> <td>7</td> <td>26</td> <td>N80</td> <td>0</td> <td>8641</td> <td>230</td> <td>1.196</td> <td>H</td> <td></td> <td>3000</td> <td>0</td> <td>N</td> </tr> <tr> <td>08/01/18</td> <td>Liner1</td> <td>OilBasedMud</td> <td>6</td> <td>4.5</td> <td>11.6</td> <td>HCP110</td> <td>8441</td> <td>18219</td> <td>765</td> <td>1.223</td> <td>H</td> <td></td> <td>3000</td> <td>0</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	06/17/18	Surf	FreshWater	17.5	13.375	48	J55	0	416	525	1.348	C		1500	0	N	06/19/18	Int1	Brine	12.25	9.625	36	J55	0	1758	535	1.66	C		2466	66	N	06/19/18	Int1	Brine	12.25	9.625	36	J55	0	1758	225	1.348	C		2466	66	N	06/25/18	Prod	OilBasedMud	8.75	7	26	N80	0	8641	555	3.449	NeoCem Lig		3000	0	N	06/25/18	Prod	OilBasedMud	8.75	7	26	N80	0	8641	230	1.196	H		3000	0	N	08/01/18	Liner1	OilBasedMud	6	4.5	11.6	HCP110	8441	18219	765	1.223	H		3000	0	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 NMOC guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																																																																																		
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**Crawford 27-26 Fee #2H**  
**30-015-44693**  
**Cimarex Energy Inc.**  
**Sec 27 24S 26E – Eddy County NM**

06-15-18	Spud well.
06-17-18	TD 17.5" hole @ 416'. RIH w/ 13.375", 48# J-55, STC Casing & set @ 416'. Mix and Pump 525 sks HalCem C Cement, 1.348 yield, 14.8ppg. Cement to Surface. Circ 204 sks cement. W/O cement 4 hours. Test Casing to 1500 psi for 30 min. Good Test.
06-19-18	TD 12.25" hole @ 1758'. RIH with 9.625", 36# J-55 LTC Casing & Set at 1758'. LEAD: Mix and Pump 535 sks HalCem C cement, 1.66 yield. TAIL: 225 sks HalCem C Cement, 1.348 yield. Cement to Surface. Circ 253 sks cement. W/O Cement 13.5 hours. Test Casing to 2466 psi for 30 min. Pressure to 2400 psi. Good Test.
06-25-18	TD 8.75" hole @ 8641'. RIH with 7" 26# N-80 BTC Casing & Set @ 8641'.
06-26-18	LEAD: mix and pump 555 sks NeoCem Light 3.449 yield. 10.5 ppg. TAIL: Mix and Pump 230 sks HalCem H 1.196 yield. 15.6ppg. Cement to Surface. Circ 90 sks. W/O Cement 4 hrs. Test Casing to 3000 psi for 30 min. Good test.
08-01-18	TD 6" Hole @ 18219'. RIH with 4.5" 11.6# HCP-110 BTC liner. TOL @ 6955'. BOL @ 18219'. Cement Liner with 765 sks VersaCem H Cement, yield 1.223, 14.5ppg. W/O Cement 4 hours. TOC calc @ 8441'. Pressure test 3000 psi for 30 min. Good Test.
08-03-18	Rig Released.

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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 256542

**DRILLING COMMENTS**

Operator: CIMAREX ENERGY CO. 202 S. Cheyenne Ave. Tulsa, OK 74103	OGRID: 215099
	Permit Number: 256542
	Permit Type: Drilling

**Comments**

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