

<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 261455 WELL API NUMBER 30-025-44960 5. Indicate Type of Lease S 6. State Oil & Gas Lease No.  7. Lease Name or Unit Agreement Name STATE 25																																																																
<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 001Y																																																																
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>I</u> : <u>2320</u> feet from the <u>S</u> line and feet <u>380</u> from the <u>E</u> line Section <u>25</u> Township <u>16S</u> Range <u>33E</u> NMPM _____ County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 4148 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: <b>Drilling/Cement</b> <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: <b>Drilling/Cement</b> <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 <b>7/11/2018</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>07/13/18</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>1566</td> <td>1565</td> <td>1.348</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>08/27/18</td> <td>Int1</td> <td>CutBrine</td> <td>12.25</td> <td>9.625</td> <td>53.5</td> <td>HCL 80</td> <td>0</td> <td>11430</td> <td>2160</td> <td>1.19</td> <td>H</td> <td></td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>09/23/18</td> <td>Prod</td> <td>CutBrine</td> <td>8.5</td> <td>5.5</td> <td>23</td> <td>P110</td> <td>9000</td> <td>13938</td> <td>1295</td> <td>1.028</td> <td>H</td> <td></td> <td>1000</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	07/13/18	Surf	FreshWater	17.5	13.375	68	L80	0	1566	1565	1.348	C		1500	0	Y	08/27/18	Int1	CutBrine	12.25	9.625	53.5	HCL 80	0	11430	2160	1.19	H		1500	0	Y	09/23/18	Prod	CutBrine	8.5	5.5	23	P110	9000	13938	1295	1.028	H		1000	0	Y
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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"/> .																																																																		
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Cimarex Energy Co.

State 25 #1Y

3002544960

Sec. 25, 136S, 33E

### Drilling History

7-11-18	Spud well.
7-12-18	TD 17-1/2" hole @ 1566'.
7-13-18	RIH w/ 13-3/8", 68#, L80, BT& C csg & set @ 1566'. Mix & pump lead: 955 sx Class C, 13.5 ppg, yld 1.348; tail: 610 Class C, 14.8 ppg, 1.348 yld. Circ 649 sx to surface.
7-14-18	Test csg to 1500# for 30 mins. Ok.
7-30-18	TD 12-1/4" vertical pilot hole @ 11800'. TOOH for logs.
8-12-18	Set whipstock @ 10825' – top @ 10811' & tailpipe. MIRU & mix & pump 840 HalCem H cmt. KO curve.
8-22-18	TD 12-1/4" curve @ 11588'.
8-23-18	POOH to run casing
8-27-18	TIH w/ 9-5/8", 53.5#, HCL80 BTC csg & set @ 11430'.
8-29-18	Test csg to 1500# for 30 mins. Ok.
8-30-18	Well packing off – notified NMOCD of path forward. Mix & pump 290 sx Class H, 15.6 ppg, 1.19 yld.
8-31-18	Shot 4 holes in the 9-5/6" csg @ 10770'.
9-01-18	RIH w/ cmt retainer & set @ 10620'. Mix & pump lead: 1720 sx Class H, 10.5 ppg, 3.44 yld; tail w 440 Class H sx, 15.6 ppg, 1.19 yld; tail w/ 440 sx Class C 15.6 ppg, 1.19 yld. Circ 17 sxs cmt to surface.
9-14-18	Drilling @ 14106'. Work stuck pipe.
9-16-18	TIH w/ fishing assembly.
9-20-18	Attempt to jar fish. Unsuccessful. Left 140' fish in hole at 13938'.
9-22-18	LDDP. Prep to run csg.
9-23-18	RIH w/ 5-1/2, 23#, P-110, CYHP csg & set @ 13938'.
9-25-18	Mix & pump lead: 1295 sx Class H, 16.8 ppg, 1.028 yld. Good returns. No cement to surface.
9-26-18	TOC @ ~ 9000'. Release rig.

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

Comments

Permit 261455

**DRILLING COMMENTS**

Operator: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	OGRID: 215099
	Permit Number: 261455
	Permit Type: Drilling

**Comments**

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