

<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 262468 WELL API NUMBER 30-025-44213 5. Indicate Type of Lease P 6. State Oil & Gas Lease No.  7. Lease Name or Unit Agreement Name CHIEF 30 STATE																																																																
<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 008H																																																																
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>A</u> : <u>330</u> feet from the <u>N</u> line and feet <u>660</u> from the <u>E</u> line Section <u>30</u> Township <u>20S</u> Range <u>35E</u> NMPM _____ County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3705 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. Please see the attached drilling ops. See Attached <b>9/3/2018</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>09/04/18</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J-55</td> <td>0</td> <td>1931</td> <td>1810</td> <td>1.73</td> <td>C</td> <td></td> <td>1500</td> <td></td> <td>N</td> </tr> <tr> <td>09/09/18</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>L80</td> <td>1630</td> <td>5277</td> <td>2890</td> <td>1.78</td> <td>C</td> <td></td> <td>1500</td> <td></td> <td>N</td> </tr> <tr> <td>09/29/18</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>5.5</td> <td>20</td> <td>P110</td> <td>0</td> <td>16576</td> <td>2890</td> <td>2.88</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	09/04/18	Surf	FreshWater	17.5	13.375	54.5	J-55	0	1931	1810	1.73	C		1500		N	09/09/18	Int1	Brine	12.25	9.625	40	L80	1630	5277	2890	1.78	C		1500		N	09/29/18	Prod	CutBrine	8.75	5.5	20	P110	0	16576	2890	2.88	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"/> .																																																																		
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Chief 30 State 8H  
Drilling Ops:

09/03/18 Spud well.

09/04/18 TD 17-1/2" surface hole @ 1931'. RIH w/ 13-3/8, 54.5#, J-55 BTC csg & set @ 1931'. Mix & pump lead: 1460 sx Class C, 13.5 ppg, 1.73 yld; tail w/ 350 sxs Class C, 14.8 ppg, 1.34 yld. Circ. 973 sx to surface. WOC 8 hours.

09/06/18 Test csg to 1500 psi for 30 mins. OK.

09/08/18 TD 12-1/4" hole @ 5582'.

09/09/18 RIH w/ 9-5/8", 40#, L80 LTC csg & set @ 5277' – DV tool @ 3323'. Pipe unable to move.

09/10/18 Maxie Brown approved casing setting depth. Mix & pump 1<sup>st</sup> stage: lead: 525 sx, Class C, 12.9 ppg, 1.78 yld; tail w/ 325 sx, 14.8 ppg, 1.33 yld. WOC 4 hrs. Mix & pump 2<sup>nd</sup> stage: tail: 2040 Sx Class C, 12.9, 1.78 yld. No cmt to surface. WOC min 6 hours. Maxie Brown approved bradenhead cmt sqz if needed. WOC 7 hrs.

09/11/18 Continue to WOC for additional 8 hrs. Run CBL – TOC 1630'. Notified M. Brown of TOC – approval to proceed with normal operations – no squeeze required.

09/12/18 test casing to 1500 psi for 30 mins. Ok.

09/27/18 TD 8-3/4" hole @ 16576'. LDDP.

09/28/18 RIH w/ 5-1/2", 20#, P110, CY BTC/LTC csg & set @ 16576'.

09/29/18 Mix & pump lead: 1280 sx Lite cmt, 10.5 ppg, 2.88 yld; tail w/ 1610 Class H, 14.5 ppg, 1.19 yld. Circ 195 sx to surface.

09/30/18 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 262468

**DRILLING COMMENTS**

Operator: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	OGRID: 215099
	Permit Number: 262468
	Permit Type: Drilling

**Comments**

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