

<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 255820 WELL API NUMBER 30-015-44489 5. Indicate Type of Lease S 6. State Oil & Gas Lease No.  7. Lease Name or Unit Agreement Name FREEDOM 36 STATE SWD																																																																																																																																																
<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: S		8. Well Number 001																																																																																																																																																
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>M</u> : <u>1300</u> feet from the <u>S</u> line and feet <u>660</u> from the <u>W</u> line Section <u>36</u> Township <u>24S</u> Range <u>26E</u> NMPM _____ County <u>Eddy</u>																																																																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3387 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. Please see attached. See Attached <b>4/28/2018</b> Spudded well.																																																																																																																																																		
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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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**Freedom 36 State SWD #1**  
**30-015-44489**  
**Cimarex Energy Inc.**  
**Sec 36 24S 26E – Eddy County NM**

04-28-18	Spud well.
04-29-18 to 5-1-18	TD 26" hole @ 461'. RIH w/ 20", 94# J-55, BTC Casing & set @ 461'. Mix and Pump 1320 sks HalCem C Cement, 14.8ppg 1.33 yield. Cement to Surface. Circ 589 sacks cement. W/O cement 4 hours. Test Casing to 1500 psi for 30 min. Good Test.
05-05-18 to 5-6-18	TD 17.5" hole @ 2103'. RIH with 13 3/8", 61# J-55 Seal Lock SF Casing & Set at 2103'. LEAD: Mix and Pump 1220 sks HalCem C cement, 1.74 yield 13.7ppg. TAIL: 725 sks HalCem C, 14.8 ppg, 1.392 yield. Cement to Surface. Circ 526 Sacks cement. W/O Cement 4 hours. Test Casing to 1500 psi for 30 min. good Test.
05-14-18	TD 12-1/4" hole @ 11023'. Run Electric Logs.
05-16-18 to 5-18-18	RIH with 9 5/8" 53.5# L80 HC TMK QX Casing & Set at 11023'. DV Tool at 1920' Cement 1 <sup>st</sup> stage with LEAD: 1310 sks NeoCem Mixed Cement, 2.95 yield, 11 ppg. TAIL: 710 sks Versa Cem H Mixed, 14.5 ppg, 1.29 Yield. Circ 228 sacks cement to surface. WOC 6 hours. Cement 2 <sup>nd</sup> stage with 425 sks ExtendaCem C 1.73 yield, 13.7ppg. Cement to Surface. Circ 97 sacks.
5-23-18 to 5-28-18	TD 8 1/2" hole at 12635'. Confirmed Top of Devonian at 12623'. Run Electric Logs. RIH with 7" Production liner and set at 12635'. Liner top @ 10080' Cement Liner with 365 sks Versa Cem H Cement 1.25 yield. Run CBL. Top of cement at 10130 Per CBL. Pressure test liner to 1525 psi for 30 min. Good test.
5-29-18 to 5-31-18	RIH with 7" tie-back casing 29# L80 TMK UP ULTrs SF Casing Set at 10080'. DV Tool at 10076'. Mix and Pump 1150 sks 50:50 POZ H cement, 14.5ppg, 1.27 yield. Circ 110 sacks cement to surface. Test Casing to 1500 psi for 30 min. Good Test.
6-6-18	TD well and 6" hole at 13575'. Run Electric Logs.
6-7-18	RIH with 4 1/2" 15.1# CRS-125 Vam Top Injection string tubing. Set tbg and Packer at 12613'.
6-10-18	Rig Released. Open hole injection interval from 12635' to 13575'.

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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 255820

**DRILLING COMMENTS**

Operator: CIMAREX ENERGY CO. 202 S. Cheyenne Ave. Tulsa, OK 74103	OGRID: 215099
	Permit Number: 255820
	Permit Type: Drilling

**Comments**

Created By	Comment	Comment Date
rklein	Per operator's request, reject back for more complete information	8/22/2018
stathemtd1	Made corrections in order to Break out cement by Lead and Tail and also corrected the amount of cement circ from BBLs to Sacks. Thank you!	8/23/2018