

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 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 185968 WELL API NUMBER 30-025-41609 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name WITHERSPOON 23 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 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>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>23</u> Township <u>21S</u> Range <u>33E</u> NMPM _____ County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3780 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">NOTICE OF INTENTION TO:</td> <td colspan="2">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 <b>Casing and Cement Program</b> <table style="width:100%; border-collapse: collapse;"> <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>02/21/14</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>K-55</td> <td>0</td> <td>1838</td> <td>1210</td> <td>1.72</td> <td>c</td> <td></td> <td>1023</td> <td>0</td> <td>Y</td> </tr> <tr> <td>03/01/14</td> <td>Int1</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>n-80</td> <td>0</td> <td>5625</td> <td>2570</td> <td>1.91</td> <td>c</td> <td></td> <td>2394</td> <td>0</td> <td>Y</td> </tr> <tr> <td>04/22/14</td> <td>Prod</td> <td>FreshWater</td> <td>8.333</td> <td>5.5</td> <td>20</td> <td>I-80</td> <td>0</td> <td>13438</td> <td>2120</td> <td>2.46</td> <td>H</td> <td></td> <td></td> <td></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	02/21/14	Surf	FreshWater	17.5	13.375	54.5	K-55	0	1838	1210	1.72	c		1023	0	Y	03/01/14	Int1	FreshWater	12.25	9.625	40	n-80	0	5625	2570	1.91	c		2394	0	Y	04/22/14	Prod	FreshWater	8.333	5.5	20	I-80	0	13438	2120	2.46	H				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"/> .																																																																		
SIGNATURE <u>Electronically Signed</u> TITLE <u>Prod Admin Supervisor</u> DATE <u>5/12/2014</u> Type or print name <u>GENEA A HOLLOWAY</u> E-mail address <u>gholloway@cimarex.com</u> Telephone No. <u>918-295-1658</u>																																																																		
<b>For State Use Only:</b> APPROVED BY: <u>Paul Kautz</u> TITLE <u>Geologist</u> DATE <u>5/12/2014 2:43:39 PM</u>																																																																		

Witherspoon 23 St 4H  
C-103 Casing Summary  
API#: 30-025-41609

02/19/14 Spud Well

02/20/14 TD 17 1/2" Surface Hole @ 1838'.

02/21/14 Ran 13 3/8" 54.5#, K-55 BT&C to 1838'. Mix & Pump Lead cmt: 920 sxs of ExtendaCem-CZ @ 13.5 ppg, 1.72 yld. Tail cmt: 290 sxs of HalCem C, @ 14.8 ppg, 1.35 yld. Circ 131 sxs of cmt to surface. WOC 24+ hrs.

02/22/14 Test casing to 1023 psi, held 30 min, ok.

02/27/14 TD 12 1/4" Hole @ 5625'.

03/01/14 Ran 9 5/8" 40#, N-80 LT&C casing @ 5625'. DV Tool Set @ 3784'.

Mix & Pump Lead cmt 1st Stage: 270 sxs of EconoCem-HLC cmt, 12.9 ppg, 1.91 yld. Tail cmt 1st Stage: 340 sxs HalCem C cmt, 14.8 ppg, 1.33 yld. Circ 161 sxs to cmt.

Mix & Pump cmt 2nd Stage: 1960 sxs EconoCem HLC cmt, 12.8 ppg, 1.87 yld. Circ 647 sxs of cmt to surface. WOC 24+ hrs.

03/03/14 Tested casing to 2394 psi for 30 min. Good test.

03/09/14 TD Pilot Hole @ 12100'.

03/10/14 Ran Log

03/11/14 Set cmt Plug on Bottom @ 12100'

03/12/14 Cmt Plug with 135 sxs HalCem H cmt, 15.6 ppg, 1.19 yld.

03/13/14 RIH bottom of whip stock slide @ 9,124', top of whipstock @ 9,113', & anchor @ 9,136'. Bottom of tail pipe set @ 10,279'. Cmt with 635 HalCem cmt, 15.6 ppg, 1.19 yld. Pull 2 stds of DP. Circ 24 sxs of cmt to surface.

04/15/14 TD Well @ 13438'.

04/21&22/14 Ran 5 1/2" 20#, L-80 LT&C/BT&C Casing to 13438'.

04/22/14 Mix & Pump Lead Cmt: 780 sxs of EconoCem C, 14.2 ppg, 2.46 yld. Tail cmt: 1340 sxs of VersaCem H cmt, 14.5 ppg, 1.23 yld. No Circ. WOC.

04/23/14 Rig Released

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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 185968

**DRILLING COMMENTS**

Operator: CIMAREX ENERGY CO. 600 N MARIENFELD STREET MIDLAND , TX 79701	OGRID: 215099
	Permit Number: 185968
	Permit Type: Drilling

**Comments**

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