

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 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	Form C-103 August 1, 2011 Permit 182862 WELL API NUMBER 30-015-41602 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name COTTONWOOD HILLS 32 STATE COM 8. Well Number 004H 9. OGRID Number 215099 10. Pool name or Wildcat																																																																
SUNDRY NOTICES AND REPORTS ON WELLS (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 O : 330 feet from the S line and feet 1980 from the E line Section 32 Township 25S Range 27E NMPM County Eddy																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3210 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 Casing and Cement Program <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>02/02/14</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>460</td> <td>500</td> <td>1.34</td> <td>C</td> <td></td> <td>1000</td> <td>0</td> <td>Y</td> </tr> <tr> <td>02/05/14</td> <td>Int1</td> <td>CutBrine</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J55</td> <td>0</td> <td>2065</td> <td>1000</td> <td>1.88</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>02/23/14</td> <td>Prod</td> <td></td> <td>8.75</td> <td>5.5</td> <td>17</td> <td>L80</td> <td>0</td> <td>11861</td> <td>2340</td> <td>2.64</td> <td>H</td> <td></td> <td>6200</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	02/02/14	Surf	FreshWater	17.5	13.375	48	J55	0	460	500	1.34	C		1000	0	Y	02/05/14	Int1	CutBrine	12.25	9.625	36	J55	0	2065	1000	1.88	C		1500	0	Y	02/23/14	Prod		8.75	5.5	17	L80	0	11861	2340	2.64	H		6200	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"/> .																																																																		
SIGNATURE <u>Electronically Signed</u> TITLE <u>Prod Admin Supervisor</u> DATE <u>3/17/2014</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>																																																																		
For State Use Only: APPROVED BY: <u>Randy Dade</u> TITLE <u>District Supervisor</u> DATE <u>3/17/2014 11:54:26 AM</u>																																																																		

Cottonwood Hills 32 St 4H
30-015-41602
C103 Casing Sundry

02/02/14 Spud Well

TD 17 1/2" Surface Hole @ 460'.

02/03/14 Ran 13 3/8" 48#, J-55 ST&C casing at 460'.

Mix & Pump cmt: 500 sxs of Halcem C cmt, 8.3 ppg, 1.34 yld. Circ 235 sxs of cmt to surface.
WOC 24+ hrs.

02/04/14 Test Casing to 1000 psi for 30 min, ok.

02/05/14 TD 12 1/4" @ 2065'.

Ran 9 5/8" 36#, J-55 LT&C casing @ 2065'.

02/06/14 Mix & Pump Lead cmt: 810 sxs of Econocem cmt, 12.9 ppg, 1.88 yld. Tail cmt: 190 sxs of HalCem C cmt, 14.8 ppg, 1.34 yld. Circ 487 sxs of cmt to surface. WOC 24+ hrs.

02/07/14 Test casing to 1500 psi for 30 min, ok.

02/11/14 TD Pilot Hole at 8250'. Logging Well

02/12/13 Cmt plug with 460 sxs of HalCem H cmt, 17.5 ppg, TOP OF CMT PLUG @ 6400', Bottom @ 7350'.

2/22/13 TD Well @ 11861'

2/23/14 Ran 5 1/2" 17# L-80 BT&C/LT&C casing @ 11861'

2/24/13 Mix & Pump lead cmt: 940 sxs of Tuned Light cmt, 11 ppg, 2.64 yld. Tail cmt: 1400 sxs of VersaCem H cmt, 14.5 ppg, 1.24 yld.

2/25/13 Rig Release

03/01/14 TOC 1150'.

03/02/14 Test Casing to 6200 psi for 30 min, Test Ok.

District I
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Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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 182862

DRILLING COMMENTS

Operator: CIMAREX ENERGY CO. 600 N MARIENFELD STREET MIDLAND , TX 79701	OGRID: 215099
	Permit Number: 182862
	Permit Type: Drilling

Comments

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