

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 178762 WELL API NUMBER 30-025-41210 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name QUAIL 11 STATE																																																																
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 <u>N</u> : <u>330</u> feet from the <u>S</u> line and feet <u>1980</u> from the <u>W</u> line Section <u>11</u> Township <u>19S</u> Range <u>34E</u> NMPM County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3974 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 <u>9/28/2013</u> Spudded well.																																																																		
Casing and Cement Program <table border="1" 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>10/01/13</td> <td>Surf</td> <td>CutBrine</td> <td>17.5</td> <td>13.375</td> <td>54</td> <td>K-55</td> <td>0</td> <td>1935</td> <td>1640</td> <td>1.75</td> <td>CZ</td> <td></td> <td>1000</td> <td></td> <td>Y</td> </tr> <tr> <td>10/06/13</td> <td>Int1</td> <td>CutBrine</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J-55</td> <td>0</td> <td>3900</td> <td>1255</td> <td>1.88</td> <td>C</td> <td></td> <td>1500</td> <td></td> <td>Y</td> </tr> <tr> <td>10/28/13</td> <td>Prod</td> <td>CutBrine</td> <td>8.5</td> <td>5.5</td> <td>17</td> <td>P-110</td> <td>410</td> <td>15162</td> <td>2230</td> <td>2.47</td> <td>H</td> <td></td> <td>8500</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	10/01/13	Surf	CutBrine	17.5	13.375	54	K-55	0	1935	1640	1.75	CZ		1000		Y	10/06/13	Int1	CutBrine	12.25	9.625	36	J-55	0	3900	1255	1.88	C		1500		Y	10/28/13	Prod	CutBrine	8.5	5.5	17	P-110	410	15162	2230	2.47	H		8500		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>12/19/2013</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>Paul Kautz</u> TITLE <u>Geologist</u> DATE <u>12/20/2013 8:34:08 AM</u>																																																																		

Quail 11 State 4H
C103 Casing Sundry
30-025-41210

09/28/13 Spud Well

09/30/13 TD 17 1/2 Surface Hole @ 1935'

10/01/13 Ran 13 3/8" 54#, K-55 BT&C set @ 1935'

Mix & Pump lead cmt: 1280 sxs of ExtendaCem CZ cmt, 13.5 ppg, 1.75 yld. Tail cmt: 360 sxs of Halcem C cmt, 14.8 ppg, 1.33 yld. Circ 545 sxs of cmt to surface. WOC 24+ hrs

10/03/13 Test Csg up to 1000 psi for 30 Min. ok.

10/05/13 TD 12 1/4" Hole @ 3900'

Run 9 5/8" 36#, J-55 LT&C csg @ 3900'

10/06/13 Mix & Pump Lead cmt: 1010 sxs of Halcem C cmt, 12.9 ppg, 1.88 yld. Tail cmt: 245 sxs HalCem C cmt, 14.8 ppg, 1.33 yld. Circ 313 sxs of cmt back to surface. WOC 24+ hrs.

10/07/13 Test csg to 1500 psi for 30 Min, Ok

10/15/13 TD Pilot Hole @ 11,000'

10/16/13 Logging Well

10/17&18/13 Ran in hole w/ Whipstock Set depth @ 10,990' Top of Whipstock 10,303'

10/18/13 CMT Whipstock; 270 sxs of Premium H cmt, 15.6 ppg, 1.19 yld.

10/26/13 TD well @ 15,162'

10/27&28/13 Ran 5 1/2" 17#, P-110 BT&C/LT&C.

10/28/13 Mix & Pump Lead cmt: 1000 sxs of Class H Econocem, 11.9 ppg, 2.47 yld. Tail Cmt: 1230 sxs of Class H VersaCem, 14.5 ppg, 1.22 yld. WOC.

10/29/13 Rig Release

11/06/13 Ran CBL TOC 410

11/07/13 Test production csg to 8500 psi for 30 min.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 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

Comments
Permit 178762

DRILLING COMMENTS

Operator: CIMAREX ENERGY CO. 600 N MARIENFELD STREET MIDLAND , TX 79701	OGRID: 215099
	Permit Number: 178762
	Permit Type: Drilling

Comments

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