

**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**

Form C-103  
August 1, 2011

Permit 165035

<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.)		WELL API NUMBER 30-025-40841
1. Type of Well: O		5. Indicate Type of Lease S
2. Name of Operator CIMAREX ENERGY CO.		6. State Oil & Gas Lease No.
3. Address of Operator 600 N MARIENFELD STREET, SUITE 600, MIDLAND, TX 79701		7. Lease Name or Unit Agreement Name QUAIL 11 STATE
4. Well Location Unit Letter <u>P</u> : <u>210</u> feet from the <u>S</u> line and <u>660</u> feet from the <u>E</u> line Section <u>11</u> Township <u>19S</u> Range <u>34E</u> NMPM Lea County		8. Well Number 001H
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3961 GR		9. OGRID Number 215099
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	
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: <b>Drilling/Cement</b> <input checked="" type="checkbox"/>

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  
2/24/2013 Spudded well.

**Casing and Cement Program**

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
02/26/13	Surf	FreshWater	17.5	13.375	54.5	J-55	0	1935	1620	1.74	C		1000		N
03/01/13	Int1	CutBrine	12.75	9.625	40	J-55	0	3604	1050	1.919	C		1500		N
03/29/13	Prod	CutBrine	8.5	5.5	17	P-110		15281	2410	2.38	H				N

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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Electronically Signed GENEA A HOLLOWAY TITLE Prod Admin Supervisor DATE 4/5/2013  
Type or print name GENEA A HOLLOWAY E-mail address gholloway@cimarex.com Telephone No. 918-295-1658

**For State Use Only:**  
APPROVED BY: Paul Kautz TITLE Geologist DATE 4/5/2013 11:44:16 AM

**Quail 11 State 1H**

**C-103 – Casing Sundry Attachment**

**30-025-40841**

2/24/13 Spud well.

2/25/13 Drill 17 1/2" surface hole to 1935'.

2/26/13 Ran 13-3/8", 54.50#, J-55, ST&C surface csg & set @ 1935'. Mix & pump cement; Lead: 1280 sx Class C, 13.5 ppg, 1.74 yield and Tail: 340 sx Class C, 14.8 ppg, 1.34 yield. Circ 840 sx cement to surface. WOC 12+ hrs.

2/27/13 Test casing to 1,000 psi and hold for 30 minutes. Good.

2/28/13 Drill 12 3/4" hole to 3610'.

3/1/13 Ran 9-5/8", 40#, J-55, LT&C intermediate casing and set @ 3604'. Mix & pump cement; Lead: 830 sx Class C, 12.9 ppg, 1.919 yield; Tail w/ 220 sx Class C, 14.8 ppg, 1.34 yield. Circ. 263 sx to surface. WOC 12+ hours.

3/2/13 Test casing to 1,500 psi for 30 minutes. Good.

3/12/13 Drill 8 3/4" hole to 11,200'.

3/14/13 TIH with whipstock to 11,148'. Set whipstock – top @ 10,368', bottom of slide @ 10,380'. Mix and pump 360 sx Class H, 15.6 ppg, 1.188 yield.

3/23/13 Drill 8 3/4" hole to 11,584'.

3/27/13 Drill 8 1/2" hole to TD @ 15,281'.

3/29/13 Ran 5-1/2", 17#, P-110, LT&C and BT&C production csg. & set @ 15,281'. Mix and pump cement; Lead: 1050 sx, Class H, 11.9 ppg, 2.38 yield; Tail: 1360 sx Class H, 14.2 ppg, 1.3 yield. WOC.

3/30/13 Release rig @ 3:30 AM.