

District I
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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 171349

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.)		WELL API NUMBER 30-025-40842
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>O</u> : <u>330</u> feet from the <u>S</u> line and <u>2080</u> feet from the <u>E</u> line Section <u>11</u> Township <u>19S</u> Range <u>34E</u> NMPM <u>Lea</u> County		8. Well Number 002H
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3970 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 _____		10. Pool name or Wildcat

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: 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:	SUBSEQUENT REPORT OF: 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: Drilling/Cement <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
4/27/2013 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
04/29/13	Surf	FreshWater	17.5	13.375	54.5	J-55	0	1940	1410	1.73	C		1000		
05/02/13	Int1	CutBrine	12.25	9.625	36	J-55	0	3780	995	1.88	C		1500		
05/24/13	Prod	CutBrine	8.5	5.5	17	P-110	3780	15020	2245	2.45	H		5000		

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 8/7/2013
 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 8/8/2013 4:52:47 PM

Quail 11 State Com 2H
C103 Casing Sundry
API 30-025-40842

4/27/13	Spud Well.
4/29/13	17 1/2" Surface Hole @ 1,940' RIH w/ 13 3/8", 54.50# J-55 ST&C Csg set @ 1,940'
4/30/13	Mix & Pump Lead cmt: 1080 sxs ExtendaCem cmt @ 13.5 ppg, w/1.73 yd; Tail w/330 sxs @14.8 ppg, w/1.35 yd; Circ 253 sxs to surface. WOC 24+hrs. Test csg to 1000 psi for 30 min. Ok
5/2/13	TD 12 1/4" Hole @ 3,760' RIH w/ 9 5/8" 36# J-55 LT&C csg, 3,760', Mix & Pump Lead cmt: 765 sxs EconoCem cz @12.9 ppg w/1.88 yd; Tail cmt, 230 sxs HalCem C @ 14.8 w/ 1.33 yd. Circ 169 sxs to surf. WOC 17+ hrs.
5/3/13	Test csg to 1500 psi for 30 min. Ok
5/23/13	TD 8 1/2" Hole @ 15,020' MD.
5/24/13	RIH w/ 5 1/2" 17# p-110 BT&C @ 15,020'
5/25/13	Mix & Pump Lead cmt: 980 sxs EconoCem H cmt @ 11.9 ppg, w/ 2.45 yd; Tail cmt: 1265 sxs VersaCem H cmt @ 14.5 ppg w/ 1.21 yd. WOC. Rig Released. Test Casing to 5000 psi for 30 min. Ok
6/09/13	RIH w/ wireline. TOC 3,780.