

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 171292

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 30-015-41084
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 COTTONWOOD HILLS 32 STATE COM
4. Well Location Unit Letter <u>M</u> : <u>200</u> feet from the <u>S</u> line and <u>400</u> feet from the <u>W</u> line Section <u>32</u> Township <u>25S</u> Range <u>27E</u> NMPM <u>Eddy</u> County		8. Well Number 002H
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3248 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 ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
Other:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTER CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐
CASING/CEMENT JOB ☐
Other: **Drilling/Cement** ☒

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

5/26/2013 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
05/26/13	Surf	FreshWater	17.5	13.375	48	H-40	0	472	445	1.75	C		1200		Y
05/29/13	Int1	CutBrine	12.25	9.625	36	J55	0	2049	710	1.88	C		1500		Y
06/09/13	Prod	CutBrine	7.875	5.5	17	P110	2310	12092	1833	2.37	H		8500		Y

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

TITLE Prod Admin Supervisor

DATE 8/6/2013

Type or print name GENE A HOLLOWAY

E-mail address gholloway@cimarex.com

Telephone No. 918-295-1658

For State Use Only:

APPROVED BY: Randy Dade TITLE District Supervisor DATE 8/7/2013 6:23:47 AM

Cottonwood Hills 32 State 2H
C-103 – Casing Sundry Attachment
30-015-41084

5/26/13 Spud well.

5/26/13 Drill 17 1/2" surface hole to 480'. Ran 13-3/8", 48#, H-40, ST&C surface csg & set @ 472'. Mix & pump cement; Lead: 265 sx ExtendaCem CZ, 13.5 ppg, 1.75 yield and Tail: 180 sx HalCem C, 14.8 ppg, 1.35 yield. Circulate 105 sx cement to surface. WOC 20+ hrs.

5/27/13 Test casing to 1,200 psi and hold for 30 minutes. Good test.

5/28/13 Drill 12 1/4" hole to 2049'.

5/29/13 Run 9-5/8", 36#, J-55, LT&C intermediate csg & set @ 2049'. Mix & pump cement; Lead: 565 sx EconoCem, 12.9 ppg, 1.88 yield; Tail w/ 145 sx HalCem C, 14.8 ppg, 1.33 yield. Circulated 50 bbls cement to surface. WOC 12+ hours.

5/30/13 Test Casing to 1,500 psi and held for 30 minutes. Good test.

6/4/13 Drill 8 3/4" hole to 7,901'.

6/7/13 Drill 7 7/8" hole to TD at 12,093'

6/9/13 Run 5-1/2", 17#, P-110, LT&C & BT&C production casing and set @ 12,092'.

6/10/13 Mix and pump cement; Lead: 854 sx, Tuned Light, 10.8 ppg, 2.37 yield; Tail: 979 sx Versa-Cem H, 14.5 ppg, 1.22 yield. Circulated 60 bbls cement to surface. Released rig.

6/20/13 TOC on CBL at 2310'.

6/24/13 RIH and set CBP @ 12,074'. Test plug to 8500 psi and 5 1/2" casing for 30 minutes. Good test.