

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 163760

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 30-025-40906
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 CHIEF 30 STATE
4. Well Location Unit Letter <u>4</u> : <u>760</u> feet from the <u>S</u> line and <u>530</u> feet from the <u>W</u> line Section <u>30</u> Township <u>20S</u> Range <u>35E</u> NMPM <u>Lea</u> County		8. Well Number 005
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3751 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	
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
1/29/2013 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
02/04/13	Surf	FreshWater	17.5	13.375	54.5	J-55	0	1940	2050	1.74	C		1000		N
02/11/13	Int1	CutBrine	12.25	9.625	40	P-110	0	5751	2600	1.91	C		1500		N
02/26/13	Prod	CutBrine	7.875	5.5	17	P-110	3044	11405	900	2.47	H		8500		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 3/7/2013
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 3/8/2013 8:24:21 AM

Chief 30 State 5H

C-103 – Casing Sundry Attachment

30-025-40906

1/29/13 Spud well.

2/03/13 Drill 17 1/2" surface hole to 1940'.

2/04/13 Ran 13-3/8", 54.50#, J-55, ST&C surface csg & set @ 1940'. Mix & pump cement; Lead: 1800 sx Class C, 13.5 ppg, 1.74 yield and Tail: 250 sx Class C, 14.8 ppg, 1.33 yield. Circ 949 sx cement to surface. WOC 12+ hrs.

2/05/13 Test casing to 1,000 psi and hold for 30 minutes. Good.

2/11/13 Drill 12 1/4" hole to 5751'. Ran 9-5/8", 40#, P-110, LT&C intermediate casing and set @ 5751'.

2/12/13 Mix & pump cement; Lead: 350 sx Class C, 12.9 ppg, 1.91 yield; Tail w/ 300 sx Class C, 14.8 ppg, 1.33 yield. Open DV tool and circ. 112 sx cmt. Mix and pump 2nd stage cement job w/ Lead: 1,800 sx Class C, 12.9 ppg, 1.91 yield; Tail: 150 sx Class C, 14.8 ppg, 1.33 yield. Circ. 700 sx to surface. WOC 12+ hours.

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

2/24/13 Drill 7 7/8" hole to TD @ 11,405'.

2/26/13 Run 5-1/2", 17#, P-110, LT&C production csg. & set @ 11,405'. Mix and pump cement; Lead: 650 sx, Class H, 11.9 ppg, 2.47 yield; Tail: 250 sx Class H, 13.0 ppg, 1.48 yield. WOC.

2/27/13 Release rig.

3/05/13 Estimated TOC @ 3044'

3/06/13 Test casing to 8500 psi for 30 minutes. Good.