

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 159078

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 30-025-40694
1. Type of Well: O		5. Indicate Type of Lease P
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>3</u> : <u>1880</u> feet from the <u>S</u> line and <u>300</u> feet from the <u>W</u> line Section <u>30</u> Township <u>20S</u> Range <u>35E</u> NMPM Lea County		8. Well Number 002H
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3746 GR		9. OGRID Number 215099
Pit or Below-grade Tank Application ☐ or Closure ☐ 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 ☐ 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
8/11/2012 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
08/12/12	Surf	FreshWater	17.5	13.375	61	HCK55	0	1925	1670	1.33	c		1000		
08/17/12	Int1	CutBrine	12.25	9.625	40	n80	0	5750	2460	1.33	c	3538	1500	0	
09/27/12	Prod	CutBrine	8.75	5.5	17	p110	1915	15173	2620	2.39	h		520	0	

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

SIGNATURE Electronically Signed GENEA A HOLLOWAY TITLE Geologist DATE 12/17/2012
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 12/17/2012 9:41:08 AM

Chief 30 State No. 2

C103 Attachment

30025-40694

Cimarex Energy Co.

8/11/12 Spud well
8/12/12 TD 17-1/2" hole @ 1925'. RIH w/ 13-3/8", HCK55, 61#, BTC csg & set @ 1925'.
8/13/12 Mix & pump lead: 1400 sx Class C, 13.5 ppg, 1.75 yld; tail w/ 270 sx Class C 14.8 ppg, 1.33 yld. Circ 657 sx to surf. WOC 12+ hrs.
08/14/12 Test csg to 1000# for 30 mins. Ok.
08/17/12 TD 12-1/4" hole @ 5750'. RIH w/ 9-5/8", 40#, N80, LTC csg & set @ 5750'. DV tool @ 3697'.
08/18/12 Mix & pump 1st stage: lead: 310 sx 65:35 POZ C, 12.5 ppg, 2.3 yld; tail w/ 310 sx Class C 1.8 ppg, 1.33 yld. Open DV tool. 2nd Stage lead: 1330 sx 65:35 POZ C; 12.5 ppg, 2.01 yld, tail w 100 sx Class C, 14.8 ppg, 1.3 yld. WOC. Run temp survey. TOC @ 3538'. RIH w/ 1" for top job.
08/19/12 Mix & pump 100 sx Class C, 14.8 ppg, 1.33 yld. Tag TOC @ 1220'. Mix & pump 310 sx Class C, 14.8 ppg, 1.33 yld. Circ 5 bbls cmt to surf.
08/20/12 Test csg to 1500# psi for 30 mins. OK.
09/05/12 RIH w whipstock & set @ 10226'. Cmt w/ 620 sx Class H.
09/08/12 Tag cmt @ 10115'. KO curve.
09/24/12 TD 8-3/4" hole @ 15200'.
09/27/12 RIH w/ 5-1/2", 17#, P110, BTC csg & set @ 15173'.
09/28/12 Mix & pump 1270 sx 50:50 POZ H, 11.9 ppg, 2.39 yld; 1350 sx 0:50 POZ H, 14.2 ppg, 1.3 yld. Release rig.
10/03/12 Test csg to 550# for 3 mins. Ok. TOC @ 1915'.