UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires July 31, 1996

Lease Serial No.

OCD-ARTESIA NMOCD ARTESIA NM-0556811 SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

If Indian, Allottee or Tribe Name

abandoned well. Use form 3160-3 (AP	7. If Unit or CA/Agreement, Name and/or No	
SUBMIT IN TRIPLICATE - Other Instructions on	7. If Only of CAVAgreement, Name and/of No	
1. <u>Type</u> of Well		
Oil Well Gas Well Other		8. Well Name and No
2 Name of Operator	Nitro 11 Federal No. 2	
Cimarex Energy Co. of Colorado		9. API Well No.
3a Address 3b	Phone No (include area code)	30-015-36100
600 N. Marienfeld St., Ste. 600; Midland, TX 79701 432-571-7800		10. Field and Pool, or Exploratory Area
Location of Well (Footage, Sec., T., R, M., or Survey Description) SHL 375 FNL & 660 FEL 11-16S-29E	County Line Tank; Abo 11. County or Parish, State	
BHL 393 FNL & 333 FWL	Eddy County, NM	
12. CHECK APPROPRIATE BOX(ES) TO IND	ICATE NATURE OF NOTIC	- 1
TYPE OF SUBMISSION	TYPE OF ACTION	
	epen Production (Star	t/Resume)Water Shut-Off
Alter Casing Fra	acture Treat Reclamation	Well Integrity
Subsequent Report Casing Repair Ne	w Construction Recomplete	Other
Change Plans . Plu	ag and Abandon Temporarily Aba	ndon
Final Abandonment Notice Convert to Injection Plu	ug Back Water Disposal	
Cimarex Energy Co. of Colorado respectfully requests approv Water Production and Disposal information. SUBJECT TO LIKE APPROVAL BY STATE		APPROVED OCT 2 7 2009
RT-NMO20 11/12/09	RH	/s/ JD Whitlock Jr
 I hereby certify that the foregoing is true and correct Name (Printed/Typed) 		CARLSBAD FIELD OFFICE
Zeno Farris	Manager Operations Administration	
Signature	Date	
September 30, 2009		
THIS SPACE FOR FEDI	RAL OR STATE OFFICE USE	
Approved by	Title	Date
Conditions of Approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject least which would entitle the applicant to conduct operations thereon.	se	As the United States any folio fictitions or

fraudulent statements or representations as to any matter within its jurisdiction.

Attachment to Incident of Non Compliance Number

WATER PRODUCTION & DISPOSAL INFORMATION

In order to process your disposal request, the following information must be completed:

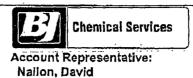
1.	Name(s) of all formation(s) producing water on this lease.			
	County Line Tank; Abo			
2.	Amount of water produced from all formations in barrels per day.			
	6.35 bpd			
3.	Attach a current water analysis of produced water from all zones showing at least the total dissolved			
	solids, pH, and the concentrations of chlorides and sulfates.			
4.	How water is stored on the lease.			
	1 500 bbl tank			
5.	How water is moved to the disposal facility.			
	Trucked			
6.	Identify the disposal facility by:			
	A. Facility Operator's Name: Ray Westall			
	B. Name of facility or well name and number: Myrtle Myra SWD No. 1 and Belco No. 1			
	C. Type of facility or well (WDW, WIW), etc.: SWD			
	D. Location by ¼ ¼, Section, Township, and Range: NENW 21-21S-27E, SWNW 20-23S-28E			
7.	Attach a copy of the state-issued permit for the Disposal Facility.			

Submit 1 original and 5 copies within the required time frame with 3160-5. This form may be used as an attachment to the sundry notice.



Analytical Laboratory Report for: CIMAREX ENERGY COMPANY

15053931150



Production Water Analysis

Listed below please find water analysis report from: NITRO 11 FEDERAL #1, #1

Lab Test No:

2008104756

Sample Date:

01/23/2008

Specific Gravity:

1.052

TDS: pH:

78445

6.58

Cations;	mg/L	as:
Calcium	6061	(Ca ⁺⁺)
Magnesium	1729	(Mg)
Sodium	17710	(Na ⁺)
Iron	36.30	(Fe *)
Potassium	2785.0	(K')
Barium ,	0.35	(Ba ⁺⁺) (Sr ⁺⁺)
Strontium	70.80	
Manganese	0.64	(Mn)
Anions:	mg/L	as:
Bicarbonate	952	(HCO,')
Sulfate	2300	(SO ₄)
Chloride	46800	(CI)
Gases:		(GI)
Carbon Dioxide	410	(CO ₂)
Hydrogen Sulfide	120	(H,S)
Oxygen	4.1	(O ₂) ppm