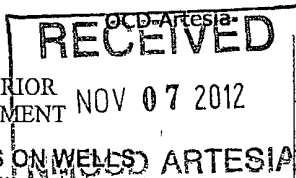


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM72123

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Empire A Federal #1

2. Name of Operator
CIMAREX ENERGY CO. OF COLORADO

9. API Well No.
30-015-23266

3a. Address
600 N. Marienfeld st Suite 600, Midland, TX 79701

3b. Phone No. (include area code)
432-571-7848

10. Field and Pool or Exploratory Area
W C Atoka

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 1980' FWL, Unit C, Section 27, T18S-R29E

11. Country or Parish, State
EDDY

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Accepted for record

NMOC-D 11/6/2012

1. Cimarex Energy has contracted Talon/LPE to complete reclamation of the location at the Empire A Federal No. 1, a P&A location.

2. On 9/17/2012 Talon/LPE mobilized personnel to the site to carry out soil sampling activities for the construction of a work plan. Grab soil samples were collected from the surface of the location. The soil samples were sent to Cardinal Laboratories for analysis of total Chlorides via Method SM4500Cl-B. The results for the soil samples are attached. A site plan is also attached.

3. The caliche from the location and the lease road will be removed and placed on the drilling pit. The impacted soil from sample points labeled S-10 and S-11 will be excavated to a depth of 3-feet deep. The impacted soil from around the wellhead will be excavated to a depth of 3-feet deep. The excavated soil will be transported to an approved disposal facility.

4. The location will be contoured to match the surrounding terrain placing 2-foot of local soil over the drilling pit.

5. The location and soil lift will then be cut, ripped, cross-ripped, windrows will be installed and the area will be seeded using the recommended BLM seed mixt location.

** Notify Tim Ames @ 575-234-5909 prior to start*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Ronny Snow

Title Production Foreman

Signature

Date 10/11/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

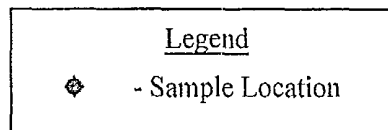
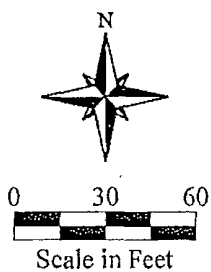
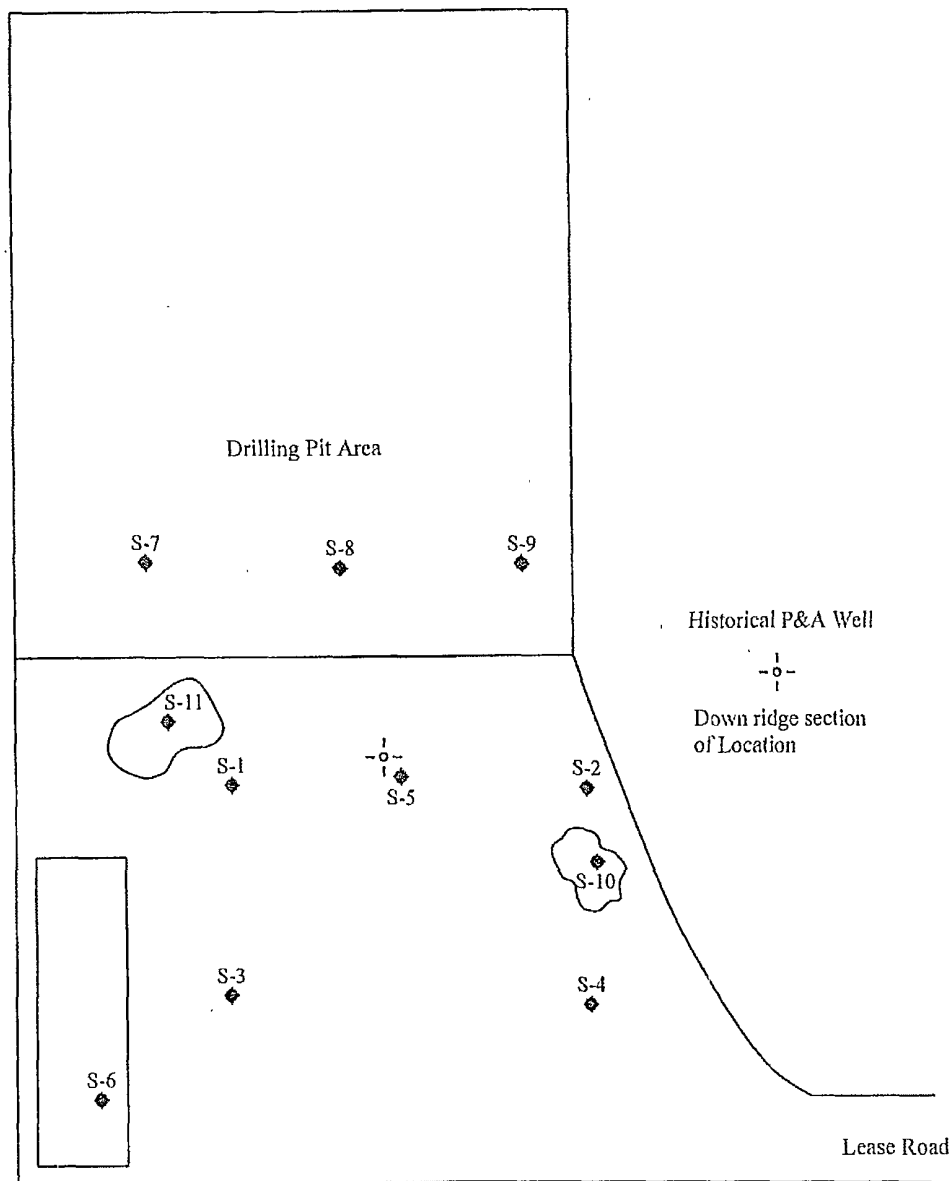
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



Date: 10/02/2012
 Scale: 1" = 60'
 Drawn By: TJS

Empire A Federal No. 1
 Cimarex Energy Company
 Artesia, New Mexico
 Figure 1 - Site Plan



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

September 24, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: EMPIRE A FEDERAL COM. NO. 1

Enclosed are the results of analyses for samples received by the laboratory on 09/18/12 14:04.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

 Received: 09/18/2012
 Reported: 09/24/2012
 Project Name: EMPIRE A FEDERAL COM. NO. 1
 Project Number: 701162.024.01
 Project Location: SEC. 27 - T18S - R29E

 Sampling Date: 09/17/2012
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: S - 1 0' (H202264-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	09/22/2012	ND	416	104	400	0.00	

Sample ID: S - 2 0' (H202264-02)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	09/22/2012	ND	416	104	400	0.00	

Sample ID: S - 3 0' (H202264-03)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/22/2012	ND	416	104	400	0.00	

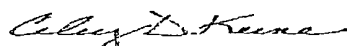
Sample ID: S - 4 0' (H202264-04)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	09/22/2012	ND	416	104	400	0.00	

Cardinal Laboratories

* = Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	09/18/2012	Sampling Date:	09/17/2012
Reported:	09/24/2012	Sampling Type:	Soil
Project Name:	EMPIRE A FEDERAL COM. NO. 1	Sampling Condition:	** (See Notes)
Project Number:	701162.024.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 27 - T18S - R29E		

Sample ID: S - 5 0' (H202264-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18800	16.0	09/22/2012	ND	416	104	400	0.00	

Sample ID: S - 6 0' (H202264-06)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/22/2012	ND	416	104	400	0.00	

Sample ID: S - 7 0' (H202264-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/22/2012	ND	416	104	400	0.00	

Sample ID: S - 8 0' (H202264-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15000	16.0	09/22/2012	ND	416	104	400	0.00	

Sample ID: S - 9 0' (H202264-09)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/22/2012	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	09/18/2012	Sampling Date:	09/17/2012
Reported:	09/24/2012	Sampling Type:	Soil
Project Name:	EMPIRE A FEDERAL COM. NO. 1	Sampling Condition:	** (See Notes)
Project Number:	701162.024.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 27 - T18S - R29E		

Sample ID: S - 10 0' (H202264-10)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16400	16.0	09/22/2012	ND	416	104	400	0.00		

Sample ID: S - 11 0' (H202264-11)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	09/22/2012	ND	416	104	400	0.00		

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

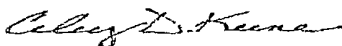
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

1-2

Company Name: <u>Talon/LPE</u>		BILL TO: <u>ANALYSIS REQUEST</u>	
Project Manager: <u>Mike Stubblefield</u>		P.O. #:	
Address: <u>408 West Texas Ave.</u>		Company: <u>Talon/LPE</u>	
City: <u>Acton</u> State: <u>NM</u> Zip: <u>88210</u>		Attn:	
Phone #: <u>505-441-7254</u> Fax #:		Address:	
Project #: <u>201162.024.01</u> Project Owner: <u>Cimarron Energy Corp</u>		City:	
Project Name: <u>Empire A Federal Com. No. 1</u>		State: Zip:	
Project Location: <u>Sec. 27-T18S-R29E</u>		Phone #:	
Sampler Name: <u>Mike Stubblefield</u>		Fax #:	

Lab I.D.	Sample I.D.	FOR LAB USE ONLY	CONTAINERS	MATRIX						PRESERV.			SAMPLING		DATE	TIME	Total Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE/COOL	OTHER					
1	5-10														9/12/12	1:40 P	
2	5-20														9/12/12	1:45 P	
3	5-30														9/12/12	1:50 P	
4	5-40														9/12/12	2:00 P	
5	5-50														9/12/12	2:10 P	
6	5-60														9/12/12	2:35 P	
7	5-70														9/12/12	2:45 P	
8	5-80														9/12/12	3:00 P	
9	5-90														9/12/12	3:20 P	
10	5-100														9/12/12	3:40 P	

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Relinquished By: <u>Mike Stubblefield</u>	Date: <u>9/12/12</u>	Received By: <u>Godi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <u>Mike Stubblefield</u>	Date: <u>9/12/12</u>	Received By: <u>Godi Benson</u>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
REMARKS:				

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - <u>Other</u>	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<u>Godi Benson</u>

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

2.2

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 399-2326