Approved By

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.

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

OCD Artesia

FORM APPROVED OMB NO. 1004-0135

Expires: July 31, 2010

5. Lease Serial No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.  7. If Unit or CA/ On the Carl State of Operator Contact: CRISTEN BURDELL State of Operator CIMAREX ENERGY COMPANY E-Mail: churdell@cimarex.com S0-015-354  3a. Address 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103 4. Location of Well (Footage, Sec. T. R. M. or Survey Description) Sec 31 T24S R26E 800FSL 1260FEL  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OT TYPE OF SUBMISSION TYPE OF SUBMISSION TYPE OF ACTION Ontice of Intent Alter Casing Final Abandonment Notice Change Plans Plug and Abandon Temporarily Abandon Convert to Injection Plug Back Water Disposal State of Department of the work will be performed or provide the Bond No. in the will be subsurface to cainors and measured and true vertical depths of all Attach the Bond under which the work will be performed or provide the Bond No. in the work will be performed or provide the Bond No. in the will be subsurface to cainors and measured and true vertical depths of all Attach the Beat completed. The Performed or provide the Bond No. in the will be subsurface to cainors and measured and true vertical depths of all Attach the Beat completed. The Performed or provide the Bond No. in the will be subsurface to cainors and measured and true vertical depths of all Attach the Beat completed. The Performed or provide the Bond No. in the will be subsurface to cainors and measured and true vertical depths of all Attach the Beat Completed. The Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed. The Performed of provide the Bond No. in the will be MINISTON on 01/13/2015 ()  NM OIL  14. Thereby certify that the foregoing is true and correct. Electronic Submission #273817 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlebad Committed to AFMSS for processing by LINDA DENNISTON on 01/13/2015 ()  Name(Printed/Typed) CRISTEN BURDELL  Signature (Electronic Submission)  Date 10/27/2014	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.					NMNM19423		
Type of Well						6. If Indian, Allottee or Tribe Name		
Oil Well	SUBMIT IN TRIPLICATE - Other instructions on reverse side.					7. If Unit or CA/Agreement, Name and/or No.		
2. Name of Operator CiMAREX ENERGY COMPANY E-Mail: cburdel@cimarex.com 30-015-354  3a. Address 202 S. CHEYENNE AVE STE 1000 The 18-560-7038 Those No. (include area code) Ph: 918-560-7038 Those No. (include area code) SAGE DPA 110. A Coation of Well (Footage Sec., T., R. M., or Survey Description)  4. Location of Well (Footage Sec., T., R. M., or Survey Description)  5cc 31 T24S R26E 800FSL 1260FEL EDDY COU  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OT TYPE OF SUBMISSION TYPE OF ACTION  Notice of Intent Alter Casing Fracture Treat Reclamation  Subsequent Report Alter Casing Fracture Treat Reclamation  Subsequent Report Alter Casing Plans Plug Back Water Disposal  13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and all if the proposal is to deeper directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all including that the site is really for final inspection.  13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and all if the proposal is to deeper directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all institute that site is really for final inspection.  13. Describe Proposed or Completed Final Abandomment Notices shall be filed only after all requirements, including reclamation, have been completedetermined that the site is really for final inspection.  14. Thereby certify that the foregoing is true and correct.  Electronic Submission #273817 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad Committed to AFMSS for processing by LIMDA DENNISTON on 01/13/2015 ()  Name(Printed/Typed) CRISTEN BURDELL  Signature (Electronic Submission) Date 10/27/2014	1. Type of Well					8. Well Name and No. WHITE CITY LEASE 31 FEDERAL 4		
CIMAREX ENERGY COMPANY  B-Mail: cburdell@cimarex.com  30-015-3544  3a. Address 202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103  4. Location of Well. (Footage, Sec., T. R., M., or Survey Description) Sec 31 T24S R26E 800FSL 1260FEL  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OT TYPE OF SUBMISSION  TYPE OF SUBMISSION  Acidize Alter Casing Fracture Treat Alter Casing Fracture Treat Abandonment Notice Casing Repair Casing Repair Report Casing Repair Resonable Convert to Injection Plug Back Water Disposal If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all fattach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports have been completed. Final abandonment Notices shall be filed only after all requirements, including reclamation, have been completed. Final abandonment Notices shall be filed only after all requirements, including reclamation, have been completed.  14. I hereby certify that the foregoing is true and correct.  Electronic Submission #273817 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad Committed to AFMSS for processing by LINDA DENNISTON on 01/13/2015 ()  Name(Printed/Typed) CRISTEN BURDELL  Signature (Electronic Submission)  Date 10/27/2014						TOL STILDLINE 4		
202 S. CHEYENNE AVE STE 1000 TULSA, OK 74103 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 31 T24S R26E 800FSL 1260FEL  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OT  TYPE OF SUBMISSION  TYPE OF ACTION    Acidize	Name of Operator Contact: CRISTEN BUR     CIMAREX ENERGY COMPANY E-Mail: cburdell@cimarex.com				9. API Well No. 30-015-35494			
Sec 31 T24S R26E 800FSL 1260FEL   EDDY COU	202 S. CHEYENNE AVE STE 1000 Ph: 918				0. Field and Pool, or SAGE DRAW; \	Exploratory WOLFCAMP		
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OT  TYPE OF SUBMISSION    Acidize	4. Location of Well (Footage, Sec., T., R., M., or Survey Description)			11. County or Parish, and State				
TYPE OF SUBMISSION    Acidize	Sec 31 T24S R26E 800FSL 1260FEL					EDDY COUNTY COUNTY, NM		
Notice of Intent	12. CHECK APPROPRIA	)X(ES) TO INDICATE	NATURE OF N	OTICE, REP	ORT, OR OTHE	R DATA		
Notice of Intent	PE OF SUBMISSION	TYPE OF ACTION						
Alter Casing   Fracture Treat   Reclamation   Recomplete   Casing Repair   New Construction   Recomplete   Change Plans   Plug and Abandon   Temporarily Abandon   Temporarily Abandon   Convert to Injection   Plug Back   Water Disposal   If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all a Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BlA. Required subsequent reports sha following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completedermined that the site is ready for final inspection.)  H2S gas analysis for facility as requested  14. Thereby certify that the foregoing is true and correct.  Electronic Submission #273817 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad Committed to AFMSS for processing by LINDA DENNISTON on 01/13/2015 ()  Name(Printed/Typed) CRISTEN BURDELL  Signature (Electronic Submission)  Date 10/27/2014	otion of Intent	□ Dee	pen	☐ Production	n (Start/Resume)	■ Water Shut-Off		
Final Abandonment Notice		ing 🔲 Frac	ture Treat	□ Reclamati	on	■ Well Integrity		
Convert to Injection   Plug Back   Water Disposal	bsequent Report	epair 🔲 Nev	v Construction	☐ Recomple	te	Other		
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and at If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all p Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shat following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed determined that the site is ready for final inspection.)  H2S gas analysis for facility as requested  14. I hereby certify that the foregoing is true and correct.  Electronic Submission #273817 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad Committed to AFMSS for processing by LINDA DENNISTON on 01/13/2015 ()  Name(Printed/Typed) CRISTEN BURDELL  Title REGULATORY ANALYST  Signature (Electronic Submission)  Date 10/27/2014	nal Abandonment Notice C	tans 🗖 Plu;	g and Abandon	□ Temporarily Abandon				
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all I Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports sha following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed that the site is ready for final inspection.)  H2S gas analysis for facility as requested  14. I hereby certify that the foregoing is true and correct.  Electronic Submission #273817 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad Committed to AFMSS for processing by LINDA DENNISTON on 01/13/2015 ()  Name(Printed/Typed) CRISTEN BURDELL  Signature (Electronic Submission)  Date 10/27/2014	<b>_</b> _c	o Injection	g Back	■ Water Dis	posal			
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Signature (Electronic Submission) Date 10/27/2014	Electronic Submission #273817 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Carlsbad Committed to AFMSS for processing by LINDA DENNISTON on 01/13/2015 ()							
	e(Printed/Typed) CRISTEN BURDE		Title REGULA	ATORY ANAL	<u> 181</u>			
	nture (Electronic Submissio		Date 10/27/20	)14	•			
THIS SPACE FOR FEDERAL OR STATE OFFICE USE								

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.

Title

Office



## Laboratory Services, Inc. 2609 West Marland

Hobbs, New Mexico 88240

Telephone: (505) 397-3713



FOR:

Cimarex Energy

P. O. Box 1237

Eunice, New Mexico 88231

SAMPLE:

IDENTIFICATION White City 31 Fed. #4

COMPANY:

Cimarex Energy

LEASE:

PLANT:

SAMPLE DATA: DATE SAMPLED

ANALYSIS DATE:

4/24/08 7:00 am

4/28/08 648

PRESSURE - PSIG SAMPLE TEMP. °F

ATMOS. TEMP. °F

58

GAS (XX) SAMPLED BY: LIQUID ( ) Ed Cooper

ANALYSIS BY:

Vicki McDaniel

REMARKS:

H2S = 0

## **COMPONENT ANALYSIS**

		MOL	
COMPONENT		PERCENT	GPM
Hydrogen Sulfide	(H2S)	0.000	
Nitrogen	(N2)	0.679	
Carbon Dioxide	(CO2)	3.615	
Methane	(C1)	87.056	
Ethane	(C2)	6.224	1.661
Propane	(C3)	1.425	0.392
I-Butane	(IC4)	0.242	0.079
N-Butane	(NC4)	0.328	0.103
I-Pentane	(IC5)	0.104	0.038
N-Pentane	(NC5)	0.085	0.031
Hexane Plus	(C6+)	0.242	<u>0.105</u>
÷		100.000	2.409
BTU/CU.FT DRY AT 14.650 DRY AT 14.650 WET AT 14.73 DRY AT 14.73 WET	1063 1060 1041 1065 1047	·	MOLECULAR WT. 18.9364
SPECIFIC GRAVITY CALCULATED MEASURED	0.653		