				٠	ć		NM	I OIL CO ARTESIA			ION
District I				1	Statc of New	Mexico					Form C-104
1625 N. French I	Dr., Hubbs,	NM 88240	E	nergy, N	Ainerals & N	Vatural Res	sourc	s FEB 1	Q	2010	Revised August 1, 2011
District II BITS. First St., /	Artesia. NA	1 88210	_								and District Office
District III				Oi	l Conscrvatio	on Divisior	า	Submit	one co	spy to appr	opriate District Office
1000 Rio Brazos District IV	Rd., Azter	c, NM 87410		12	20 South St.	Francis Dr		REC	EIV	FDD /	AMENDED REPORT
1220 S. St. Franc	is Dr., Sar	118 Fe, NM 87	505		Santa Fe, NI	vi 87505					
	I.			RALL	OWABLE.	AND AUT	(HOI	RIZATION	TO	FRANSF	PORT
¹ Operator n Cimarcx E		Address						² OGRID Nun 215099			
600 N. Mai Midland T.		Suite 600						³ Reason for F ND/ 12/2			tive Date
⁴ API Numb	er		Name						f P	ool Code	
30 - 015-45	022	Pu	ple Sage	Wolfcan	np					98220	
⁷ Property C 321482			perty Nan erbend 1	10 2-13 Fed	eral Com				` "	Vell Numbe 30	й Н
11. ¹⁰ Su	rface L	ocation									
Ul or lot no.	Section	Township	Range	Lot Idn			Line	Feet from the		West line	County
ĸ	1	25S	28E		1379'	South		1376'	W	est	Eddy
¹¹ Bo	ttom H	ole Locatio	on								
UL or lot no.		Township	Range	Lot Idn	Feet from the	North/South	ı line			West line	County
N	13	25S	28E		330'	South	1	2254'	V	Vest	Eddy
¹² Lse Code		icing Method	¹⁴ Gas Co	onnection	13 C-129 Perr	nit Number	1 6	C-129 Effective	Date	17 C-12	29 Expiration Date
F	Р	Code	12/29/2	ទ្រីខេ							
		s Transpoi	ters		· · · · · · · · · · · · · · · · · · ·		·				20 0 0 0 0
¹⁸ Transpor OGRID					¹⁹ Trauspot and Ad						²⁰ O/G/\V
21778	T				Sunoco R&M						0
		PO Box 2039									
			- <u>i</u>		Tulsa OK 7410	52					
703107					Lucid Energy 3 3100 McKinno						G
					Dallas TX 752						
8								<u> </u>			

- IV. We	il Comp	letion	Data
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¹¹ Spud Date 8/17/2018	²² Ready Date 12/29/2018	20738/973	²⁴ рвто 26650	²⁵ Perforations 10778-2064	³⁶ DHC, MC	
27 Hole Size	²⁸ Casing	& Tubing Size	29 Depth Set		30 Sacks Cement	
17.5"	13.375" 48	8# J55 STC	458'	81	0 sks, TOC 0' - CUC	
12.25"	9.625" 36	# J-55 LTC	2635'	11	25 sks, TOC 0' - CUC	
8.75"	7" 32# L8	80/RHS-110	10011'	89	90 sks, TOC 0' - CUC	
6"	4.5" Lin 3.5" Tub		8227' TOL-207 8205'	38' BOL	850 sks, TOC 8227	

V. Well Test Data

V. Well lest	Data						
³¹ Date New Oil	32 Gas Delivery Date	33 Test Date	H Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure		
12/29/2018	12/29/2018	01/04/2019	24hs	2237	226		
³⁷ Choke Size	³⁰ Oil	39 Water	⁴⁰ Gas		41 Test Method		
34	430	1850	2333		Р		
been complied with		en above is true and	Approved by: Title: Approval Date:	usly Kl usly Kl usness 2-19	100 100 Spir A 1-2019		
E-mail Address: acrawford@cir	narex.com						
Date: 2/18/19	Phone: 432-620-1	909	Pending BLM approvals will				

subsequently be reviewed and scanned

المربعة المربعة	\$
Form 3 (August	

OIL CONSERVATION
ARTESIA DISTRICT

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Form 3160-4 (August 2007)			DEPAR BUREAU	TMEN	IO TV		NTERI			F	FEB	19	2019		ОМ	B No. 10	ROVED 004-0137 • 31, 2010
	WELL C	OMPL	ETION O	RR	ECO	MPLE	FION	REPC	DRT	AND L	<u>85</u> C	EN	VED		ase Serial MNM8812		
la. Type of	Well	Oil Well	🔀 Gas V	Vell		Dry (] Other		<u></u>					6. If	Indian, All	ottee or	Tribe Name
21	Completion	🔀 N	ew Well	D Wo			Deepe		Plug	Back	🗖 Difi	f. Re	svr.		•		ent Name and No.
		Othe	r					-									
2. Name of CIMAR	Operator EX ENERG	Y CO.	E	-Mail:	асгам	Contact: /ford@ci			RAW	FORD					ase Name		13 FEDERAL COM 30H
	600 N. MA MIDLAND,	, TX 797	/01					Ph: 43	2-620		e area co	de)		9. AI	PI Well No		30-015-45022
4. Location	of Well (Rep Sec 1	[25S R2	8E Mer	d in ac	corda	nce with I	Federal	requirer	nents)	*				10. F P	ield and Po URPLE S	ool, or l AGE V	Exploratory VOLFCAMP
At surfa		SL 1376F	Sec			28E Mer								11. S	ec., T., R.,	M., or	Block and Survey 5S R28E Mer
• • •		13 T25S	R28E Mer		OFNL	2255FW	/L							12. C	County or P		13. State
At total 14. Date Sp		SW 330F	SL 2254FW		Read	bed		16	Date	Complete	ed				DDY Elevations (DF KF	NM 3, RT, GL)*
08/17/2				/13/20	18	 11-18			D&.	A 🛛 🔀 9/2018	Ready t	o Pr	od.		29	37 GL	,
18. Total D	epth:	MD TVD	20738 9735	3	19.	Plug Bac	k T.D.:	N T	1D VD)650 '35		20. Dep	th Brid	dge Plug So		MD TVD
21. Type E NONE	lectric & Oth	er Mecha	nical Logs R	un (Sul	bmit c	opy of ea	ch)				22. W W Di	as w as D irecti	ell cored ST run? ional Sur	l? vey?	No No No	C Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing ar	nd Liner Reco	ord (Repo	ort all strings	set in	well)												<u></u>
Hole Size	Size/Gi	rade	Wt. (#/ft.)		op D)	Botto (MD		age Cerr Deptl			of Sks. & of <u>Ceme</u> i		Slurry (BB	-	Cement	Тор•	Amount Pulled
17.500	î	375 J55	48.0		0	÷	458					810				0	457
<u>12.250</u> 8.750	1	625 J55 000 L80	36.0 32.0		0		635 011	<u></u>				125 890				0	<u>487</u> 225
6.000		HCP110	13.5		8227		738					850				8227	
					•							-					→ X /
24. Tubing	Record										<u>=</u> .		l				
<u> </u>	Depth Set (M	ID) P	acker Depth	(MD)	S	ze I	Depth Se	et (MD)	Р	acker De	pth (MD))	Size	De	pth Set (M	D)	Packer Depth (MD)
3.500		3205		8205	5		26 Da	rforatior	L.								
25. Produci	ormation	T	Тор		B/	ottom	20. Pe			Interval			Size		No. Holes	1	Perf. Status
A)	WOLFC			9600	D(, com		Terre		0778 TC	D 20641	1	0.4				
B)																	
<u>C)</u>									_			╇					
D)	racture, Treat		mant Sauces	Eta												1	<u> </u>
<u>_</u>	Depth Interva		lient Squeez	e, Elc.					Δ	mount an	d Type (of M	aterial				
		8 TO 20	641 194618	86 GAL	SLIC	KWATER	& 2408	4523 LB					aterial				
28 Product	ion - Interval	Δ				·										-	
Date First	Test	Hours	Test	Oil		Gas	Wate		Oil G			as .		Product	ion Method		
Produced 12/29/2018	Date 01/04/2019	Tested 24	Production	BBL 430	0.0	MCF 2333.0	BBL	850.0	Corr.	API 47.9	G	ravity				GAS I	LIFT
Choke	Tbg. Press.	Csg.	24 Hr.	Oil		Gas	Wate		Gas:C			/ell St					
Size 34	Flwg. 2237 SI	Press. 226.0		BBL 43	30	MCF 2333	BBL.	1850	Ratio	5425		Р	GW				
	tion - Interva			<u> </u>					i							وا مارين	will
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Wate BBL		Oil G Corr.			ias irr		no B'	LW abb	rovo" rovie	wed 19
													Pendi	ne - oune	ntly be	10.	NG2-19-11
Choke Size	Tbg. Press. Flwg. St	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	BBL.		Gas:C Ratio	0d	"	/cll	subsi	scan	ined		will wed MTJ-19-19

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(See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #455082 VERIFIED BY THE BLM WELL INFORMATION SYSTEM ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPER... بر-SUBMITTED **

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28b. Produ	iction - Interv	al C								<u></u>	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		. <u> </u>
			$\neg \frown$								
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Sta	itus		
28c. Produ	iction - Interv	al D			A						
Date First Froduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
Thoke lize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Str	ntus		
29. Dispos SOLD		Sold, used	for fuel, vent	ed, etc.)	I			k			
		Zones (In	nclude Aquife	rs):					31. Formation (Log) M	arkers	
tests, i	all important ncluding dept coveries.	zones of p h interval	porosity and contract tested, cushic	ontents there on used, tim	eof: Cored e tool open	intervals and a , flowing and	all drill-stem shut-in pressu	ires			
	Formation		Тор	Bottom		Description	ns, Contents,	etc.	Name		Top Meas. Depth
BONE SP WOLFCAI	RE SANDS RING MP	(include	431 1898 2461 6362 9600	1898 2461 2645 6362 9600 edure):	B/ B/ W W	ARREN ARREN ARREN ATER OIL ATER GAS (ATER GAS (RUSTLER SALADO CASTILLE DELAWARE SAN BONE SPRING WOLFCAMP	NDS	431 1898 2461 2645 6362 9600
	e enclosed atta							3	DET Banad	4 Directio	
			gs (1 full set r ng and cemen		ı	 Geologic Core Ana 			DST Report Other:	4. Directio	лаг эштүсу
34. I here	by certify that	t the fore		ronic Subr	nission #45	55082 Verifie	d by the BLN		available records (see a ation System.	ttached instruct	ions):
Name	e (please prinț) <u>AMITH</u>	Y E CRAW								
Signa	iture	(Electro	onic Submiss	sion)			Dat	e <u>02/19/2019</u>			
Title 18 I of the Ur	U.S.C. Section nited States ar	1 1001 an ly false, fi	d Title 43 U.S ictitious or fra	.C. Section dulent state	1212, mak nents or re	e it a crime fo presentations	r any person l as to any mat	nowingly and er within its ju	willfully to make to any risdiction.	department or	agency

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** ORIGINAL **

Miled: ARTEBA DISTECT FORM PROVED FORM PROVED SURFAULT OF LAND MANAGEMENT DEPARTMENT OF THE INTERIOR BURRAU OF LAND MANAGEMENT FEB 19 200 FEB 1		4		CONSERVATION	
BUNDERY NOTICES AND REPORTS ON WELLS Download Construction of ADD Inter INTERIOR CONSTRUCTION DOWNLOAD OF LAND MARGEMENT RECEIVED 6: International and the second of t	ine 2015)			FOR	
Dividual bits from for programs to diffue for eventee and shardoned well. Use form 3760-3 (APD) for such propasals. RECEIVER 5. If Induit, Allibre or Trick Name SUBMIT IN TRIPLICATE - Other instructions on page 2 7. If Unit or CAAgreement, Name ander No. Type of Well 8. Well Comparison of the start of				B 9 2019 Expires:	
abandoned well. Use form 3160-3 (APD) for such proposals. The Control Initial Analysis SUBMIT IN TRIPLICATE - Other Instructions on page 2 7. If Unit of CAAgreement, Name and/or No. 7. If Unit of CAAgreement, Name and/or No. Oil Well 8. Well New and No. 8. Well New and No. 9. Or New REND 12-13 FEDERAL COM 30. Image 2 9. Advested 9. Advested 9. Advested 9. Advested Coll Well Contact: AMITHY E CRAWFORD 9. Advested 9. Advested 9. Advested Coll MARE KERRY CO. E-Mail acravio/adgeomarce.com 9. Original advested 10. Field and Flood Exploratory Area MIDLAND, TX 79705 Coll Coll Market EDDY COUNTY, NM EDDY COUNTY, NM 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION Water Shar-Off Subsequent Report Chaitize Production (Start/Resume) Water Shar-Off Subcomplete SO(her Pinal Abandonment Notice Charge Flag IProduction (Start/Resume) Water Shar-Off So(her 14 bergroupd at the doggeotide completed Operation: Charge Flag IProduction (Start/Resume) Water Shar-Off 15 ho				NMNM88128	
Type of Well Only end Only Only end Only end Only Only Only end Only Only Only Only Only Only Only	abandoned w	ell. Use form 3160-3 (APD) for	such proposals.	ECEIVED 6. If Indian, Allotte	e or Tribe Name
Dot Well @ Gas Well _ Other ENDer of Experiments ENDer of Experiments ENDER OF COMMENDER OF COMMEN	SUBMIT IN	I TRIPLICATE - Other instruction	ons on page 2	7. If Unit or CA/Ag	reement, Name and/or No.
2. Name of Operator Contact: AMITHY E CRAWFORD 2. AVERAGE CO. E. AMIT: a crawford@binnersex.com 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-45022 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-4502 3.0-015-450 3.0-015-450 3.0-015-450 3.0-015-450 3.0-015-45 3.0-015 3.0-015-45 3.0-015 3.0-015-45 3.0-015 3.0-	••)ther			
660 N. MARENFELD SUITE 600 Ph: 432-620-1909 PURPLE SAGE WOLFCAMP MIDLAND, TX 79705 Location of Well (Finalage, Sec. T. R. M. or Survey Description) 11. Compt or Pariah, State Sec 1 T2SS R28E 1379FSL 1376FWL EDDY COUNTY, NM 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION B Notice of Intent Acidize Deepen Subsequent Report Chaing Repair New Construction Reclamation G Chaing Plans Plug and Abandon Temporarily Abandon Demporarily Abandon J Describe Proposed or Completed Operation: Clearly state all perimet details, including estimated starting date of any proposed with ad approximate duration thereof. Plug and Abandon Temporarily Abandon J Describe Proposed or Completed Operation: Clearly state all perimet matches and abandon and therework and approximate duration thereof. Plug and Abandon Temporarily Abandon J Describe Proposed or Completed Operation: Clearly state all perimet matches and abandon and there were stated by final impection. Plug Black Water Disposal J Describe Proposed or Completed Operation: Clearly state all perimet matches and abandon and there were stated by final impection. Plug Black Water Disposal J Describe Proposed or Completed Final Abandonment Notices matche filed	2. Name of Operator	Contact: AMIT			
4. Location of Well (Poolage, Sec. T, R. M. or Survey Description) 11. County or Parish, State Sec 1 T2SS R28E 1379FSL 1376FWL EDDY COUNTY, NM 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION B Notice of Intent Acidize Deepen Subsequent Report Casing Repair New Construction Recomplete Subsequent Report Casing Repair New Construction Recomplete B Other Diffied Conset to Injection Plug and Abandon Temporality Abandon Diffied operation: 3. Describe Proposal to to depend in the onality of the performed provide the Boot No. on file with BUMDL. Required subsequent reports must be filed with 30 days B Other 3. Describe Proposal to to depend on the onality of the performed provide the Boot No. on file with BUMDL. Required subsequent reports must be filed with 30 days B Other 3. Describe Proposal or Completed Operation: The operation results in a multiple completion or in an withort on a performance of the onality of the operation results in a multiple completion or a new interval, a PRI 30 4db and the operator has determined that the sis is result of final inspection. B Other 3. Describe Proposal or Completed Operation: The operation results in an unitple completion or a new interval, a PRI 3164 mult be filed within 30 days B Other </td <td>600 N. MARIENFELD SUITE</td> <td>E 600 3b. 1 Ph:</td> <td></td> <td></td> <td></td>	600 N. MARIENFELD SUITE	E 600 3b. 1 Ph:			
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Image: Completed Submission Acidize Deepen Production (Start/Resume) Water Shut-Off Image: Subsequent Report Casing Repair New Construction Reclamation Image: Subsequent Report Construction Reclamation Image: Subsequent Report Image: Subs		T., R., M., or Survey Description)		11. County or Paris	h, State
TYPE OF SUBMISSION TYPE OF ACTION B Notice of Intent Acidize Deepen Production (Start/Resume) Water Shut-Off B Notice of Intent Alter Casing Hydraulic Fracturing Reclamation Well Integrity B Subsequent Report Casing Repair New Construction Recomplete Dither B Intend Casing Repair New Construction Recomplete Dither J Intended Concret to Injection Plug Back Water Disposal Dither 3. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate denation thereof. If the proposal is to deepen directionally give subsurface locations and messure and the order of all approximate denation thereof. If the proposal is to deepen directionally or recomplete horitomating give subsurface locations and messure and the order of all approximate denation thereof. If the operation recursion and messure and new recompletion of the inversion of the operation of the inversion of the operatin the operatin the operation of the inversion of the op	Sec 1 T25S R28E 1379FSL	1376FWL		EDDY COUN	TY, NM
Notice of Intent Actidize Deepen Production (Start/Resume) Water Shut-Off Subsequent Report Casing Repair New Construction Reclamation Well Integrity Final Abandonment Notice Change Plans Plug and Abandon Temporarily Abandon Differ 3. Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. The proposities to depend directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. 3. Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. The proposities to depend directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond noder Which the work will be performed or provide the Bond No. on file with BL/MBA. Required subsequent reports must be filed one estisting has been completed. The filed with 30 dys fold-4 must be filed one estisting has been enotyped. Storbard Science Science Science Science Science Object 2022 Cimarex Energy Co. Sec 01 25S 28E - Eddy County NM Ob/17/2018 Spud well. Ob/17/2018 Spud well. Ob/17/2018 Spud well. Differ Construction Submission Electronic Submission #444576 vertified by the BLM Well Information System For CIMAREX ENERCY Co., sent to the Carlsbad Name (Primed/Typed) AMITHY E CRAWFORD Title ReGUALTORY ANALYST Signature	12. CHECK THE /	APPROPRIATE BOX(ES) TO I	NDICATE NATURE OI	F NOTICE, REPORT, OR O	THER DATA
Image: Subsequent Report Image: I	TYPE OF SUBMISSION		TYPE OF	ACTION	
Subsequent Report After Casing Hydraulic Fracturing Reclamation Well Integrity Bubsequent Report Casing Repair New Construction Recomplete Ø Other Distribution Convert to Injection Plug and Abandon Temporarily Abandon Ø Other Distribution Convert to Injection Plug and Abandon Temporarily Abandon Ø Other Distribution Convert to Injection Plug Back Water Disposal Ø Other Distribution Convert to Injection Plug Back Water Disposal Ø Other Oblowing completion of the involved operations. (If the operation results in ambuling), give substrate becautions and measured and true vertical deptits of all perintent markers and zones. Mater Disposal Mater Disposal B Other Oblowing completion of the involved operations. (If the operation results in ambulip completion or recompletion in an event and zones. Biolowing completion of the involved operations. Biolowing completion of the involved operations. Biolowing completion of the involved operations. Riverbend 12-13 Federal Com 30H 30-015-45022 Commerk Energy Co. Sec Ot 255 28E - Eddy County NM OB/17/2018 Spud well. OB/17/2018 Spud well. OB/17/2018 Spud well. Discolass of comovals will be revinewed Perintent advectore	Notice of Intent	Acidize	Deepen	Production (Start/Resume)	U Water Shut-Off
Final Abandonment Notice Clange Plans Plug and Abandon Temporarily Abandon Drilling Operation 3. Describe Proposed or Completed Operation. Clearly state all perinent details, including estimated stating date of any proposed work and approximate duration thereof. The proposal is to deepen directionally or recomplete horizontally, give substrate locations and measured and true vertical depths of all perinent details, including estimated data are vertical depths of all perinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLMPIAL. Acquired subsequent reports must be filed only after all requirements, including reclamation, have been completed and the operation and the operation has determined that the site is ready for final inspection. Riverbend 12-13 Federal Com 30H 30-015-45022 Clamer KT, 1.34 yield, B.4ppg. Cement to Surface. Circ 457 sks cement. W/O cement B 08/17/2018 Spud well. 08/18/2018 TD 17.5" hole @ 457". RIH w/ 13.375", 48# J-55, STC Casing & set @ 458'. Mix and Pump 810 sks Class C Cement, 1.34 yield, B.4ppg. Cement to Surface. Circ 457 sks cement. W/O cement B 14. Thereby certify that the foregoing is true and correct. Electronic Submission #454576 vertified by the BLM Well Information System For Clamer B 14. Thereby certify that the foregoing is true and correct. Electronic Submission #454576 vertified by the BLM Well Information System For Clamer B 14. Thereby certify that the foregoing is true and correct. Electronic Submission #454576 vertified by the BLM Well Information System For Clamer B	-	Alter Casing	Hydraulic Fracturing	Reclamation	Well Integrity
Final Abandonment Notice Change Plans Plug and Abandon I emporarily Abandon Governt to Injection Plug Back Water Disposal 3. Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. 1. The proposal is to depen directionally or recomplete horizontally, give subsurface locations and messured and true vertical depths of all pertinent markers and zones. Attach the Boon completed. Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. Riverbend 12-13 Federal Com 30H 30-015-45022 Cimarex Energy Co. Sec 01 25S 28E - Eddy County NM 08/17/2018 Spud well. 14. Thereby certify that the foregoing is true and correct. Electronic Submission #454576 veriffied by the BLM Well Information System For CIMAREX EN	Subsequent Report	Casing Repair	New Construction	Recomplete	
3. 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, 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 will BLM/BLA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandomment 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. Riverbend 12-13 Federal Com 30H 30-015-45022 Cimarex Energy Co. Sec 01 25S 28E - Eddy County NM 08/17/2018 Spud well. 08/18/2018 TD 17.5" hole @ 457". RIH w/ 13.375", 48# J-55, STC Casing & set @ 458". Mix and Pump 810 sks Class C Cement, 1.34 yield, 8.4ppg. Cement to Surface. Circ 457 sks cement. W/O cement 8 hours. 14. 1 hereby certify that the foregoing is true and correct. Electronic Submission #454576 verified by the BLM Well Information System For CIMAREX ENERGY CO., sent to the Carlsbad Name (Printed/Typed) AMITHY E CRAWFORD Title REGUALTORY ANALYST Signature (Electronic Submission) Date 02/13/2019 THIS SPACE FOR FEDERAL OR STATE OFFICE ***** Signature (Electronic Submission) Date 02/13/2019 THIS SPACE FOR FEDERAL OR STATE OFFICE **** Subsequently be reviewed, Array and scanned and scanned and scanned office vertify that he applicant to conduct operations thereon. ***** Mathematical end policing to conduct operations thereon. ****** Mathematical end policing to conduct operations thereon. ******* Mathematical end policing to conduct operations thereon. ************************************	Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily Abandon	Drining Operation:
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Signature (Electronic Submission) Date 02/13/2019 THIS SPACE FOR FEDERAL OR STATE OFFICF approvals will Approved By	08/17/2018 Spud well. 08/18/2018 TD 17.5" hole @ 810 sks Class C Cement, 1. hours.	34 yield, 8.4ppg. Cement to Sur	face. Circ 457 sks cemer	Information System	
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Additional data for EC transaction #454576 that would not fit on the form

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32. Additional remarks, continued

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08/19/2018 Test Casing to 1500 psi for 30 min. Good Test.

08/21/2018 TD 12.25" hole @ 2645'.

08/22/2018 RIH with 9.625", 36# J-55 LTC Casing & Set at 2635'. LEAD: Mix and Pump 800 sks Class C cement, 1.67 yield. 13.7ppg. TAIL: 325 sks Class C Cement, 1.34 yield. 14.8ppg. Cement to Surface. Circ 487 sks cement W/O Cement 13 hours. Test Casing to 2400 psi for 30 min. Good Test.

08/30/2018 TD 8.75" hole @ 10025'.

08/31/2018 RIH with 7" 32# L80/ RYS-110 BTC Casing & Set @ 10011'.

09/01/2018 LEAD: mix and pump 640 sks class C Neocem 3.436 yield. 10.5 ppg. TAIL: Mix and Pump 250 sks Class H, 1.186 yield. 14.6 ppg. Cement to Surface. Circ 225 sks. W/O Cement 4 hrs.

09/03/2018 Test Casing to 2500 psi for 30 min. Good test.

09/13/2018 TD 6" Hole @ 20738'.

09/15/2018 RIH with 4.5" 13.5# HCP-110 BTC liner. TOL @ 8227'. BOL @ 20738'. Cement Liner with 850 sks Class H Cement, 1.223 yield, 14.5ppg. W/O Cement 13 hours.

09/17/2018 Rig Released.

		N	M OIL CON	SERVATIO	NC			
Form 3160-5 (June 2015)	UNITED STATES		ARTESIA		FORM APPROVED OMB NO, 1004-0137			
	PARTMENT OF THE IN JREAU OF LAND MANA		FEB 1	3 2019		January 31, 2018		
SUNDRY	NOTICES AND REPO	RTS ON WE	LLS		NMNM88128			
Do not use thi abandoned wel	s form for proposals to I. Use form 3160-3 (API	drill or to re-e D) for such pr	oposals.	IVED	6. If Indian, Allottee	or Tribe Name		
SUBMIT IN 1	RIPLICATE - Other inst	ructions on p	age 2		7. If Unit or CA/Age	reement, Name and/or No.		
1. Type of Well	er	<u></u>			8. Well Name and N RIVERBEND 12	o. 2-13 FEDERAL COM 30H		
2. Name of Operator CIMAREX ENERGY CO.	Contact: E-Mail: acrawford@	AMITHY E CR @cimarex.com	AWFORD		9. API Well No. 30-015-45022			
3a. Address 600 N. MARIENFELD SUITE MIDLAND, TX 79705	600	3b. Phone No. Ph: 432-620	(include area code))-1909		10. Field and Pool o PURPLE SAG	r Exploratory Area E WOLFCAMP		
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)			11. County or Parish	n, State		
Sec 1 T25S R28E 1379FSL 1	376FWL				EDDY COUN	ΓΥ, NM		
12. CHECK THE AI	PPROPRIATE BOX(ES)	TO INDICAT	E NATURE O	F NOTICE,	REPORT, OR OT	THER DATA		
TYPE OF SUBMISSION			TYPE OF	ACTION				
Nation of Intent		Deep	en	Product	ion (Start/Resume)	U Water Shut-Off		
Notice of Intent	Alter Casing	🗖 Hydr	aulic Fracturing	🗖 Reclama	ation	Well Integrity		
Subsequent Report	Casing Repair	—	Construction	Recomp	lete	Other Production Start-up		
Final Abandonment Notice	Change Plans		and Abandon		arily Abandon	i loudenon olait up		
13. Describe Proposed or Completed Op	Convert to Injection	Plug		U Water D	-			
Attach the Bond onder which the involved following completion of the involved testing has been completed. Final Al determined that the site is ready for f Riverbend 12-13 Federal Con Completion Ops 11/3/2018 Test Casing to 500 11/4/2018 to 12/14/2018 Perf 19461886 gal slickwater and 12/19/2018 to 12/21/2018- Dr 10/07/2018- RIH with 3 1/2" to 12/29/2018- Turn well to Proc	bandonment Notices must be fi inal inspection. n 30H psi for 30 min. Good Tes orate Wolfcamp from 107 24084523 lbs sand. ill out plugs and tag PBTI ubing GLV & Packer and	led only after all r st. '78'-20641' witi D at 20650'.	equirements, includ	ing reclamatio	n, have been complete	d and the operator has		
14. I hereby certify that the foregoing i	Electronic Submission 4	#454962 verifie REX ENERGY C	d by the BLM We O., sent to the C	ll Informatio Carlsbad	n System			
Name (Printed/Typed) AMITHY	E CRAWFORD		Title REGUL	ATORY AN	IALYST			
Signature (Electronic	Submission)		Date 02/18/2	2019				
	THIS SPACE F	OR FEDERA	L OR STATE	OFFICF '	approvals will where reviewed	<u> </u>		
				nding BLN	app. he revieweu	X 19		
_Approved By			Title Pe	hsequent	approvals we where reviewed d	<u>الم الم الم الم الم الم الم الم الم الم </u>		
Conditions of approval, if any, are attach certify that the applicant holds legal or ea which would entitle the applicant to cond	juitable title to those rights in the	s not warrant or ne subject lease	Office	ana se) ⁻		
Title 18 U.S.C. Section 1001 and Title 4 States any false, fictitious or fraudulen	3 U.S.C. Section 1212, make it t statements or representations a	a crime for any pe as to any matter w	erson knowingly a vithin its jurisdictio.		ake to any departmen	t or agency of the United		
(Instructions on page 2) ** OPERA	TOR-SUBMITTED ** (OPERATOR	-SUBMITTED	** OPERA	TOR-SUBMITTI	ED **		