Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR RURE ALL OF LAND MANAGEMENT

OCD Artesia MAR 1 9 2013

NMOCD ARTESIA

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

						1	CIVIENI							
WELL COMPLETION OR RECOMP							LETION REPORT AND LOG				5. Lease Serial No. NMNM100558			
la. Type of	Well 🛮	Oil Well	☐ Gas \	Well [Dry	Ot	her			6. If	Indian, Allottee o	r Tribe Name		
b. Type of	Completion	_		■ Work	Over	☐ Dec	epen 🔲 Pl	ug Back 🔲 D	Diff. Resvr.		nit or CA Agreem	ent Name and No.		
		Other								/. 0	int of CA Agreem	ent Name and No.		
Name of Operator Con RKI EXPLORATION & PROD LLC E-Mail: cahn@rki							tact: CHARLES K AHN xp.com				Lease Name and Well No. RDX FEDERAL 15 16			
3. Address	3817 NW OKLAHON		SWAY SUI OK 73112				3a. Phone 1 Ph: 405-9	No. (include area :	code)	9. A	PI Well No. 30-0°	15-39944-00-S1		
4. Location	of Well (Rep	ort location	on clearly an	d in accor	rdance	with Fede	ral requiremen	its)*		10. F	ield and Pool, or	Exploratory		
At surface	ce NENE	990FNL 3	330FEL								RUSHY DRÁW	Block and Survey		
. At top p	rod interval r	eported be	low NEN	IE 990FN	NL 330	 FEL				0	r Area Sec 15 T	26S R30E Mer NMP		
At top prod interval reported below NENE 990FNL 330F At total depth NENE 990FNL 330FEL											12. County or Parish 13. State NM			
14. Date Sp	udded		15. Da	ate T.D. R		1		ate Completed			Elevations (DF, KI	B, RT, GL)*		
08/17/2	012		08/	/29/2012			D D d	& A 🛮 🛛 Ready /16/2012	y to Prod.		3157 GL			
18. Total D	epth:	MD TVD	7704	1	9. Plu	Back T.		7540	20.	Depth Bri		MD TVD		
21. Type El GAMMA	lectric & Oth	er Mechan	ical Logs R	un (Subm	it copy	of each)			Was well c	cored?	No ☐ Yes	s (Submit analysis) s (Submit analysis)		
GAMMA	ARAY DEN	SIIY NEU	TRON CAI	LIPERLO)GS				Was DST in Directional	run? Survey?	No	s (Submit analysis) s (Submit analysis)		
23. Casing an	nd Liner Reco	ord (Repor	rt all strings	set in wei	<i>II)</i>									
Hole Size	Size/G	rade	Wt. (#/ft.)	Тор		Bottom	Stage Cement			urry Vol.	Cement Top*	Amount Pulled		
17.500		375 J-55	54.5	(MD)	0	(MD) 879	Depth	Type of Cem	1050	(BBL)	0			
12.250	 	25 J-55	40.0	1	0	3654		1	1244		0			
7.875	i e	00 J-55	17.0		0	7694	552		875		3186			
										4				
		\longrightarrow		Ь—	+	<u> </u>		- 		•				
24. Tubing	Record	i		L		1			L_			<u> </u>		
	Depth Set (N	ID) Pa	cker Depth	(MD)	Size	Dept	Set (MD)	Packer Depth (M	(D) Si	ze De	epth Set (MD)	Packer Depth (MD)		
2.875		5773						(1			, pan sec (N.S)	Tuester Bepair (NIB)		
25. Producir	ng Intervals					26.	Perforation Re	cord						
	ormation		Тор		Botto	,	Perforate	ed Interval	Si		No. Holes	Perf. Status		
A) B)	DELAV	/ARE		5790		402		5790 TO 635 6553 TO 672		0.420 0.420	88 2 S 1.	AGES (4 AND 5) COM		
						!. I			23	0.420	42]			
		-						6814 TO 702	24	0.420	58			
C) D)										0.420 0.420	58 42			
C) D) 27. Acid, Fr	acture, Treat		ient Squeeze	e, Etc.				6814 TO 702 7178 TO 740	02	0.420	42	MATERI		
C) D) 27. Acid, Fr	Depth Interva	al			SPOTT	ING 2 000		6814 TO 702 7178 TO 740 Amount and Type	02 e of Materi	0.420	42	TAX X X X X X X X X X X X X X X X X X X		
C) D) 27. Acid, Fr	Depth Interva 57	al 90 TO 63	56 BOTTO	M PERF, S			GALLONS OF	6814 TO 702 7178 TO 740 Amount and Type ACID OVER NEX	02 e of Materi (T PERFS.	0.420 al	42 RECLAI DUE 3-	16-13		
C) D) 27. Acid, Fr	Depth Interva 57 65	al 90 TO 63 53 TO 67	356 BOTTO	M PERF, S	ONS OF	DF 140-F	GALLONS OF R(11) W/ 191,27	6814 TO 702 7178 TO 740 Amount and Type	02 e of Materi (T PERFS. 6/30 PROP	0.420 al	42 DECLAT DECLAT PROPERTY OF THE PROPERTY O	/6-/3 TO		
C) D) 27. Acid, Fr	Depth Interval 57 65 68 71	al 90 TO 63 53 TO 67 14 TO 70 78 TO 74	356 BOTTO 25 W/ 69,10 024 DELTAR	M PERF, S 69 GALLC FRAC 140	NS OF -R(11)	DF 140-F W/447,086	GALLONS OF R(11) W/ 191,27 B LBS OF PRE	6814 TO 702 7178 TO 740 Amount and Type FACID OVER NEX 78 LBS OF CRC 16	e of Materi CT PERFS. 6/30 PROP BO PROPPA	0.420 al PANT AT 5	42 DUE_SE PPG. FLUSHED 1/2/3/4 PPG TAILE	/6-/3 TO		
C) D) 27. Acid, Fr	Depth Interval 57 65 68 71 ion - Interval	al 90 TO 63 53 TO 67 14 TO 70 78 TO 74	25 W/ 69,10 24 DELTAF 102 PUMPE	M PERF, 5 69 GALLC FRAC 140 D 75,388	ONS OF -R(11) GALLC	DF 140-F W/447,086 DNS OF SL	GALLONS OF R(11) W/ 191,27 B LBS OF PREM LICK WATER, E	Amount and Type ACID OVER NEX 78 LBS OF CRC 16 MIUM WHITE 16/3	e of Materi KT PERFS. 6/30 PROP BO PROPPA GALLONS	0.420 al PANT AT 5 ANT IN 0.5/	42 PPG. FLUSHED 1/2/3/4 PPG TAILE ICL ACID, 308,991	/6-/3 TO		
C) D) 27. Acid, Fr	57 65 68 71 ion - Interval	190 TO 63 153 TO 67 114 TO 70 78 TO 74 A Hours Tested	356 BOTTO 25 W/ 69,10 024 DELTAR	M PERF, S 69 GALLC FRAC 140 D 75,388 Oil BBL	NS OF -R(11)	DF 140-F W/447,086 DNS OF SL V F	GALLONS OF R(11) W/ 191,27 B LBS OF PREI LICK WATER, E Vater Oil BL Oil	Amount and Type Amount and Type ACID OVER NEX 78 LBS OF CRC 16 MIUM WHITE 16/3 BULL HEAD 7,500	e of Materi CT PERFS. 6/30 PROP BO PROPPA	0.420 al PANT AT 5 ANT IN 0.5/	5 PPG. FLUSHED 1/2/3/4 PPG TAILE ICL ACID, 308,991	76-/3 TO ED GALLONS OF		
C) D) 27. Acid, Fr 28. Producti Date First Produced 11/16/2012	57 65 68 71 on - Interval Test Date 11/28/2012	90 TO 63 53 TO 67 14 TO 70 78 TO 74 A Hours Tested 24	356 BOTTO 225 W/ 69,10 224 DELTAR 102 PUMPE	M PERF, S 69 GALLC FRAC 140 D 75,388 Oil BBL 119.0	Gas MC	DF 140-F W/447,086 DNS OF SL F 0.0	GALLONS OF R(11) W/ 191,27 B LBS OF PREI LICK WATER, E Vater Oil Col 288.0	Amount and Type FACID OVER NEX 78 LBS OF CRC 16 MIUM WHITE 16/3 BULL HEAD 7,500	e of Materi (T PERFS. 6/30 PROPA GALLONS Gas Gravity	0.420 al PANT AT 5 ANT IN 0.5/	42 PPG. FLUSHED 1/2/3/4 PPG TAILE ICL ACID, 308,991	76-/3 TO ED GALLONS OF		
C) D) 27. Acid, Fr 28. Producti Date First Produced 11/16/2012 Choke Size	57 65 68 71 60n - Interval Test Date 11/28/2012 Tbg. Press: Flwg. 200	90 TO 63 53 TO 67 14 TO 70 78 TO 74 A Hours Tested 24 Csg. Press.	356 BOTTO 25 W/ 69,10 024 DELTAR 02 PUMPE	M PERF, S 69 GALLO FRAC 140- D 75,388 G Oil BBL 119.0 Oil BBL	ONS OF -R(11) GALLO	F DF 140-F W/447,086 DNS OF SL V F 0.0	GALLONS OF R(11) W/ 191,27 & LBS OF PREN LICK WATER, E Vater Oil BBL Col 288.0	Amount and Type FACID OVER NEX 78 LBS OF CRC 16 MIUM WHITE 16/3 BULL HEAD 7,500	e of Materi (T PERFS. 6/30 PROPA GALLONS Gas Gravity	O.420 al PANT AT 5 ANT IN 0.5/ OF 15% H	5 PPG. FLUSHED 1/2/3/4 PPG TAILE ICL ACID, 308,991	76-/3 TO ED GALLONS OF		
C) D) 27. Acid, Fr 28. Producti Date First Produced 11/16/2012 Choke Size N/A	57 65 68 71 ion - Interval Test Date 11/28/2012 Tbg. Press. Flwg. 200 SI	90 TO 63 53 TO 67 14 TO 70 78 TO 74 A Hours Tested 24 Csg. Press. 175.0	356 BOTTOI 25 W 69,11 224 DELTAR 102 PUMPE Test Production	M PERF, 5 69 GALLC FRAC 140 D 75,388 Oil BBL 119.0 Oil	Gas MC	F DF 140-F W/447,086 DNS OF SL V F 0.0	GALLONS OF R(11) W/ 191,27 B LBS OF PREI LICK WATER, E Vater Oil 288.0	Amount and Type FACID OVER NEX 78 LBS OF CRC 16 MIUM WHITE 16/3 BULL HEAD 7,500	e of Materi (T PERFS. 6/30 PROPA GALLONS Gas Gravity	O.420 al PANT AT 5 ANT IN 0.5/ OF 15% H	5 PPG. FLUSHED 1/2/3/4 PPG TAILE ICL ACID, 308,991	76-/3 TO ED GALLONS OF		
C) D) 27. Acid, Fr 28. Producti Date First Produced 11/16/2012 Choke Size N/A	57 65 68 71 60n - Interval Test Date 11/28/2012 Tbg. Press: Flwg. 200	90 TO 63 53 TO 67 14 TO 70 78 TO 74 A Hours Tested 24 Csg. Press. 175.0	356 BOTTOI 25 W/ 69,10 24 DELTAF 202 PUMPE Test Production 24 Hr. Rate	M PERF, 8 69 GALLC FRAC 140- D 75,388 Oil BBL 119.0 Oil BBL 119	Gas MC	F DF 140-F W/447,086 DNS OF SL F 0.0 V F 0	GALLONS OF R(11) W/ 191,27 B LBS OF PREI LICK WATER, E Vater LBL 288.0 Vater BL 288.0 Gaz Rat 288	Amount and Type FACID OVER NEX 78 LBS OF CRC 16 MIUM WHITE 16/3 BULL HEAD 7,500 I Gravity rr. API 41.0 s:Oil	e of Materi (T PERFS. 6/30 PROP 30 PROPPA GALLONS Gas Gravity	O.420 al PANT AT 5 ANT IN 0.5/ OF 15% H	5 PPG. FLUSHED 1/2/3/4 PPG TAILE ICL ACID, 308,991	76-/3 TO ED GALLONS OF		
C) D) 27. Acid, Fr 28. Producti Date First Produced 11/16/2012 Choke Size N/A 28a. Produc	Depth Interval 57 68 71 ion - Interval Test Date 11/28/2012 Tbg. Press. Flwg. 200 SI tion - Interval	90 TO 63 53 TO 67 14 TO 70 78 TO 74 A Hours Tested 24 Csg. Press. 175.0	356 BOTTOI 25 W 69,11 24 DELTAR 102 PUMPE Test Production 24 Hr. Rate	M PERF, 3 69 GALLC FRAC 140- D 75,388 Oil BBL 119.0 Oil BBL 119	Gas MC	F DF 140-F W/447,086 DNS OF SL P 0.0 V F 0	GALLONS OF R(11) W/ 191,27 B LBS OF PREI LICK WATER, E Vater 288.0 Vater 288 Vater Oil	Amount and Type FACID OVER NEX 78 LBS OF CRC 16 MIUM WHITE 16/3 BULL HEAD 7,500 I Gravity rr. API 41.0 s:Oil	e of Materi (T PERFS. 6/30 PROPA GALLONS Gas Gravity	Product Product	5 PPG. FLUSHED 1/2/3/4 PPG TAILE ICL ACID, 308,991 ion Method GAS I	TO ED GALLONS OF RECORD		
28. Producti Date First Produced 11/16/2012 Choke Size N/A 28a. Produc Date First Produced Choke	Depth Interval 57 65 68 71 ion - Interval Test Date 11/28/2012 Tbg. Press. Flwg. 200 SI Tion - Interval	190 TO 63 153 TO 67 14 TO 70 78 TO 74 A Hours Tested 24 Csg. Press. 175.0 I B Hours Tested	725 W/ 69,10 725 W/ 69,10 724 DELTAF 729 PUMPE Test 724 Hr. 844 724 Production 724 Hr. 845 847 847 847 847 847 847 847 847 847 847	M PERF, S 669 GALLC FRAC 140- D 75,388 - Oil BBL 119.0 Oil BBL 119 Oil BBL Oil Oil Oil Oil Oil Oil	Gas MC Gas MC Gas MC Gas Gas MC Gas Gas MC	F DF 140-F WW447,086 NS OF SL F O 0 V F O 0 V	GALLONS OF R(11) W/ 191,27 S. LBS OF PREI LICK WATER, E Vater 288.0 Vater 288 Vater BL 288 Vater Gaz Rat Cor Vater Gaz Vater Gaz Vater Gaz	Amount and Type Amount and Type ACID OVER NEX BLBS OF CRC 16 MIUM WHITE 16/3 BULL HEAD 7,500 I Gravity Tr. API 41.0 I Gravity Tr. API S:Oil	e of Materi (T PERFS. 6/30 PROP 30 PROPPA GALLONS Gas Gravity	Product Product	42 5 PPG. FLUSHED 1/2/3/4 PPG TAILE ICL ACID, 308,991 GAS I	TO ED GALLONS OF RECORD		
28. Producti Date First Produced 11/16/2012 Choke Size N/A 28a. Produc Date First Produced	Depth Interval 57 65 68 71 ion - Interval Test Date 11/28/2012 Tbg. Press. Flwg. 200 SI tion - Interval	190 TO 63 153 TO 67 114 TO 70 78 TO 74 A Hours Tested 24 Csg. Press. 175.0 I B Hours Tested	725 W 69,10 724 DELTAF 729 PUMPE Test 724 Hr. 734 Rate 745 Production 755 Production 755 Production	M PERF, 8 69 GALLC FRAC 140- D 75,388 Oil BBL 119.0 Oil BBL 119	Gas MC	F DF 140-F WW447,086 NS OF SL F O 0 V F O 0 V	GALLONS OF R(11) W/ 191,27 S LBS OF PREMICK WATER, E Vater BL 288 Vater Oil Col	Amount and Type Amount and Type ACID OVER NEX BLBS OF CRC 16 MIUM WHITE 16/3 BULL HEAD 7,500 I Gravity Tr. API 41.0 I Gravity Tr. API S:Oil	e of Materi (T PERFS. 6/30 PROP 30 PROPPA GALLONS Gas Gravity Well Status POW:	Product Product	5 PPG. FLUSHED 1/2/3/4 PPG TAILE ICL ACID, 308,991 ion Method GAS I	TO ED GALLONS OF RECORD		

28b. Proc	luction - Inter	val C											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav	ity	Production Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status	<u>L</u>			
28c. Proc	luction - Inter	val D		1		J.	1						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav	ity	Production Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status				
29. Dispo	osition of Gas	(Sold, usea	l for fuel, ven	ted, etc.)	1		1						
	nary of Porou	s Zones (Ir	nclude Aquif	ers):	1				31. Fo	rmation (Log) Ma	rkers		
tests,							d all drill-stem d shut-in pressure	es .					
	Formation		Тор	Bottom		Descriptions, Contents, etc.			Name Top Meas. D				
	BASE OF SALT DELAWARE			3693 7554					DE	ASE OF SALT ELAWARE ONE SPRING		3667 3693 7554	
										•			
											-		
32. Addi	tional remark	s (include j	plugging pro	cedure):									
					,						٠		
	e enclosed att							-					
Electrical/Mechanical Logs (1 full set req'd.) Sundry Notice for plugging and cement verification						Geolog Core A	•		DST Report 4. Directional Survey Other:				
34. I her	eby certify the	at the foreg	-			•				le records (see atta	ched instructi	ons):	
	,			For RKI	EXPLO	RATION & 1	ed by the BLM V PROD LLC, sen JRT SIMMONS	t to the C:	arlsbad	•			
Nam	e (please prin) CHARL				- •				DRY MANAGER			
Sign	Signature (Electronic Submission)						Date 03/01/2013						
Title 18 of the U	U.S.C. Section nited States ar	n 1001 and ny false, fic	Title 43 U.S	S.C. Section dulent staten	212, mal	ke it a crime fe epresentations	or any person kno s as to any matter	wingly and within its i	d willfull urisdictio	y to make to any d	epartment or	agency	
							····	<u></u>			•		