District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210

State of New Mexico Energy; Minerals & Natural Resources

Form C-104 Revised August 1, 2011

<u>District III</u> 1000 Rio Brazos Rd., A	ztec, NM	87410				ion Division Francis Di		•			· ·	
<u>District IV</u> 1220 S. St. Francis Dr.,	Santa Fe,	NM 875	505		Santa Fe, N		•				AMENDED REPOR	
<u> </u>			EST FO	R ALL	OWABLE	AND AUT	ГНО	RIZATION			PORT	
Operator name and Address RKI Exploration & Production								² OGRID Number 246289				
210 Park Ave., suite 900								Reason for Filing Code/ Effective Date Recomplete/ 3/23/2104				
Oklahoma City, OK 73102 API Number Pool Name Perradura Bend, Delaware					Dolawaro E	act		1.61		ol Code		
7 Property Code 8 Property Name Santa Fe Fe							9 We	9 Well Number 4				
306217	T /:			Sant	a re recer	aı					·· 4	
II. 10 Surface Ul or lot no. Secti	on Tow	nship	Range 28E	Lot Idn	Feet from the	North/South		Feet from the 910	East/W EAST	est line	County EDDY	
11 Bottom		ocatio	n						l			
UL or lot no. Secti	on Tow	nship	Range	Lot Idn	Feet from the	North/Soutl	ı line	Feet from the	East/W	est line	County	
¹² Lse Code P	oducing M Code E		¹⁴ Gas Co 3/23/20		¹⁵ C-129 Per	mit Number	16 (-129 Effective	Date .	. ¹⁷ ·C-12	29 Expiration Date	
III. Oil and C	Gas Tra	nspor	ters									
¹⁸ Transporter OGRID						porter Name Address					²⁰ O/G/W	
35246	SHE	LL TRA	DING US	COMPAN	Υ	Address					0	
151010	PO BOX 4604 HOUSTON, TX 77010									district the state of the state		
BIOICI,	151618 ENTERPRISE FIELD SERVICES 614 Reilly Ave. Farmington, NM 87401					RFC	F	IVED	7		G ,	
	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						8 2014				
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						MMOC	D/	ARTESI/	<u> </u>	,		
14 TE 30 MIT 1 TE 1											24.98° 4.25°	
IV. Well Con	pletior	Data	ORIGINA	AL/RECO	MPLETE							
21 Spud Date 7/9/92 / 12/24/2013	7/24/92 /	Ready 3/9/201	4	6370 /	²³ TD 5,800	24 PBTI 6,348' / 5,8	00'	25 Perfora 5,967' - 6,233' / 5,0	tions 811' - 5,685'		²⁶ DHC, MC	
²⁷ Hole Siz	e	²⁸ Casing & Tubing Size			g Size	²⁹ Depth Set				30 Sack	s Cement	
5 1/2" (existing casing	9)		2.875" tubir	ng		5,671'						
		CIBP				5,800			3			
		CIBP				5,900'			3 ,			
V. Wall Track	Dot-											
V. Well Test 31 Date New Oil		Delive	ry Date	33 7	Test Date	³⁴ Test	Lengt	h 35 Ti	og. Pressi	ıre	³⁶ Csg. Pressure	
3/23/2014	3/23/2			3/29/2	104	24 hours		1	lowing		40	
³⁷ Choke Size 64/64	3	³⁸ Oil		39 324	Water	4 4	Sas				11 Test Method ESP	
⁴² I hereby certify that been complied with a	and that t	he infor	mation gi	ven above				OIL CONSER	VATION	DIVISION	N	
complete to the best Signature:	of my kn	owledge	e and belie	ef.		Approved by:				Ban	us /	
Printed name: Clody Noerdlinger					Title: "Geologist"							
Title: Regulatory Analyst					Approval Date: (5 - 20 - 70(4)							
E-mail Address: jnoerdlinger@rkixp.com												
Date: 5/5/2014 Phone: 405-996-5774					Pending BLM approvals will							
					subsequently be reviewed and scanned 2 ルーロール							

3160-4 3160-5

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Serial No. NMNM67980

Do not use this form for proposals to drill or to re-enter an					If Indian, Allottee or Tribe Name 7. If Unit or CA/Agreement, Name and/or No.			
Do not use the abandoned we								
SUBMIT IN TRI								
Type of Well	8. Well Name and No. SANTA FE FEDERAL 4							
2. Name of Operator RKI EXPLORATION & PROD	RDLINGER		9. API Well No. 30-015-27030					
3a. Address 210 PARK AVE SUITE 900 OKLAHOMA CITY, OK 7310.	2	3b. Phone No Ph: 405-99	. (include area co 6-5774	de)	10. Field and Pool, or Exploratory EAST HERRADURA BEND			
4. Location of Well (Footage, Sec., T			•		11. County or Parish, and State			
Sec 35 T22S R28E Mer NMP	SENE 1730FNL 910FEL				Y, NM			
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF	F NOTICE, R	EPORT, OR OTHE	R DATA		
TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTION							
Notice of Intent	☐ Acidize ☐ D		eepen		tion (Start/Resume)	☐ Water Shut-Off		
□ Notice of Intent	☐ Alter Casing	☐ Frac	ture Treat	□ Reclam	ation	☐ Well Integrity		
Subsequent Report	□ Casing Repair	□ New	Construction	Recomp	plete	☐ Other		
☐ Final Abandonment Notice	☐ Change Plans	Plug	and Abandon	☐ Tempor	rarily Abandon			
	☐ Convert to Injection	Plug	Back	☐ Water I	Disposal			
following completion of the involved testing has been completed. Final Al determined that the site is ready for f RKI Exploration & Production well. Frac prep began on 2/17/2014 RIH with 10K CIBP, set at 5,9 Tested casing and annulus. S Perfed Brushy Canyon Sands water, HCL acid, 20 lbs X link sand.	pandonment Notices shall be file final inspection.) seeks approval for the recular and recompletion equipm 00 feet. Dumped 3 sacks Set CIBP at 5,800 feet. Duform 5,611 to 5,685 feet.	d only after all completion prent was removed a sack	requirements, included a condition of the condition of th	uding reclamation ucted on the solution of the	n, have been completed,	ECEIVED MAY 0.8 2014 DCD ARTESIA		
14. I hereby certify that the foregoing is	strue and correct.	· -						
	Electronic Submission #2 For RKI EXPLORA							
Name (Printed/Typed) JODY NO	Title REGI	JLATORY AN	ALYST					
	·							
Signature (Electronic	Submission)		Date 03/13	/2014				
	THIS SPACE FO	R FEDERA	L OR STAT	E OFFICE U	SE			
Approved By	Title	Pending BLM approvals w subsequently be reviewe						
Conditions of approval, if any, are attache certify that the applicant holds legal or eq which would entitle the applicant to conduct the conductive of the	Office	and scan						
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent						or the United		

Additional data for EC transaction #238767 that would not fit on the form

32. Additional remarks, continued

Seated pump. TAC at 5,368 feet, SN at 5,600 feet, EOT at 5,671 feet.

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

operator Copy

FORM APPROVED OMB NO. 1004-0135

B		July 31, 2010						
SUNDRY	5. Lease Serial No. NMNM67980							
Do not use th abandoned we	6. If Indian, Allottee or Tribe Name							
SUBMIT IN TRI	7. If Unit or CA/Agreement, Name and/or No.							
1. Type of Well	8. Well Name and No.							
Ø Oil Well ☐ Gas Well ☐ Otl	SANTA FE FEDERAL 4							
2. Name of Operator RKI EXPLORATION & PROD	RDLINGER		9. API.Well No. 30-015-27030					
3a. Address 210 PARK AVENUE, SUITE 9 OKLAHOMA CITY, OK 7310	Ph: 405-99 Fx: 405-99		e)	10. Field and Pool, or Exploratory EAST HERRADURA BEND, DELA				
4. Location of Well (Footage, Sec., 7	11. County or			and State				
Sec 35 T22\$ R28E Mer NMP				EDDY COUNTY COUNTY, NM				
12. СНЕСК АРРІ	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA		
TYPE OF SUBMISSION			F ACTION					
Na Nation of July	☐ Acidize	□ Dee	pen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off		
Notice of Intent	☐ Alter Casing	🗀 Fra	cture Treat	☐ Reclam	ation	□ Well Integrity		
Subsequent Report	Casing Repair	☐ Nev	v Construction	Recomp	olete	☐ Other		
☐ Final Abandonment Notice	☐ Change Plans	☐ Plu	☐ Plug and Abandon ☐ Tempo		orarily Abandon			
	☐ Convert to Injection ☐ Plug Back			■ Water I	☐ 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 cleapen directionally or recomplete 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) RKI Exploration and Production seeks approval to recomplete the subject well in the Delaware formation on the approximate date of February 15, 2014.								
A CIBP will be set at 5,900 fee	•							
These intervals will be perfed 3,403 ? 3,408 feet 3,638 ? 3,648 feet 5,621 ? 5,623 feet 5,665 ? 5,685 feet	and completed:		RECEIV MAY 082 MOCD AR	014	EE ATTACHE ONDITIONS (D FOR OF APPROVAL		
14 The shape of Galacia Constitution	4	<u> </u>						
14. I hereby certify that the foregoing is	For RKI EXPLORA Committed to AFMSS 1	ATION & PRO	DUČTION, sent to	o the Carlsba	di [*]	•		
Name (Printed Typed) JODY NO	ATORY AN							
Signature (Electronic S	lubmission)		Date 01/09/2	φ14 <u>Α</u>	DHOME!	S .		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE								
Approved By Conditions of approval, if any, are attached certify that the applicant holds legal or equ	itable title to those rights in the	not warrant or	Title	etreai Cai	DAN 25,2014 DOF MAIN MANAGE RLSPAD MELD OFFIC	MENT .E		
which would entitle the applicant to condu		arina fr	Office					
Fitle 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any pe	ison knowingly and	winning to ma	ive maily debattment or	agency of the United		

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Santa Fe Federal 4 30-015-27030 Apache Corporation January 28, 2014 Conditions of Approval

Work to be completed by April 28, 2014.

Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.

- 1. Must conduct a casing integrity test to max treating pressure before any perforating or fracturing can be done. Submit results to BLM. Contact the BLM if test fails.
- 2. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
- 3. Surface disturbance beyond the originally approved pad must have prior approval.
- 4. Closed loop system required.
- 5. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
- 6. Operator to have H2S monitoring equipment on location.
- 7. A minimum of a **2000 (2M)** BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
- 8. Subsequent sundry required detailing work done and completion report for the new formation. Operator to include well bore schematic of current well condition when work is complete.

JAM 012814

RKI Exploration and Production, LLC

Santa Fe Federal 4 Section 35 T22S R28E **Eddy County, New Mexico**

PROPOSED

API No. 30-015-27030 KB - 3,108'2/11/14; JLM GL - 3,100'8 5/8" 24# J-55 STC @ 450' Tubing top to btm: 162 jts 2 7/8" 6.5# J-55 EUE tbg, TAC, 8 jts. 2 7/8" tbg, SN, PS, 2 jts. 2 7/8" tubing, BP. TAC @ 5,350', SN @ 5,600', EOMA @ 5,670'. Rod string top to btm: 11/2"x11/2"x24'x28' PR/Inr, 80 ct (2,000') 1" Tenaris KD rods, TOC @ 2,725' per CBL 84 ct (2,100') 7/8" Tenaris KD rods, 48 ct (1,200') ¾" Tenaris KD rods, 12 ct (300') 1.5" Class C sinker bars, 1' lift sub, 2½"x1¾"x24' pump (see procedure for pump details.) DV Tool @ 5,124' per CBL Tubing anchor @ 5350' Brushy Canyon 5,611'-5,623' OA Brushy Canyon 5,665'-5,685' OA CIBP w/ 35' (3 sx) cmt cap @ 5,900' Delaware 5,967'-6,233' OA PBTD 6,348' 5½" 15.5# J-55 @ 6,370'

TD 6,370'

RKI Exploration and Production, LLC

Santa Fe Federal 4

Section 35 T22S R28E **Eddy County, New Mexico**

CURRENT

API No. 30-015-27030 KB - 3,108'1/08/14; JLM GL - 3,100'8 5/8" 24# J-55 STC @ 450' TOC @ 2,725' per CBL Tubing top to btm: 190 jts 2 7/8" 6.5# J-55 EUE tbg, 2 7/8" tbg, SN @ 6,273'. DV Tool @ 5,124' per CBL Delaware 5,967'-6,233' OA PBTD 6,348' 5½" 15.5# J-55 @ 6,370'-

TD 6,370'