

NM OIL CONSERVATION

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

ARTESIA DISTRICT State of New Mexico
MAY 21 2015
Minerals & Natural Resources
Oil Conservation Division
RECEIVED 1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address RKI EXPLORATION & PRODUCTION 210 PARK AVE, STE. 700, OKC, OK 73102		² OGRID Number 246289
		³ Reason for Filing Code/ Effective Date RC
⁴ API Number 30 - 015-37604	⁵ Pool Name WC-015-5222931L; WOLFCAMP (GAS)	⁶ Pool Code 98111
⁷ Property Code 38046	⁸ Property Name LONGVIEW 31 FEDERAL	⁹ Well Number 31

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
LOT 3	31	22S	29E		1980	SOUTH	990	WEST	EDDY

¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code P GAS	¹⁴ Gas Connection Date 05/04/2015	¹⁵ C-129 Permit Number N/A	¹⁶ C-129 Effective Date N/A	¹⁷ C-129 Expiration Date N/A				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
35246	SHELL TRADING US COMPANY PO BOX 4604, HOUSTON, TX 77010	O
616195	NUEVO MIDSTREAM LLC 1331 LAMAR, STE 1450, HOUSTON, TX 77010	G

IV. Well Completion Data

²¹ Spud Date 04/07/2012	²² Ready Date 11/12/2013	²³ TD 13108'	²⁴ PBTD 12400'	²⁵ Perforations 10921'-11011'	²⁶ DHC, MC N/A
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375" J55 54.5#	255'	300		
12.5"	9.625" J55 40#	3999'	1350		
8.875"	7" P110 13.5#	11634'	2080		
6" / 25	4.5" P110 13.5#	11314'	135		

V. Well Test Data 2.875" L-80 TUBING 10877'

³¹ Date New Oil 05/04/2015	³² Gas Delivery Date 05/04/2015	³³ Test Date 05/08/2015	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 180
³⁷ Choke Size 64/64	³⁸ Oil 5	³⁹ Water 304	⁴⁰ Gas 385	⁴¹ Test Method FLOWING	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Heather Brehm</i> Printed name: HEATHER BREHM Title: REGULATORY ANALYST E-mail Address: hbrehm@rkixp.com Date: 05/11/2015 Phone: 405.922.9796	OIL CONSERVATION DIVISION Approved by: <i>Al Dado</i> Title: <i>Dist. II Supervisor</i> Approval Date: 5-29-15
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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
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.
NMNM61349

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
LONGVIEW DEEP FEDERAL 31 31

2. Name of Operator Contact: HEATHER BREHM
RKI EXPLORATION & PRODUCTION E-Mail: hbrehm@rkixp.com

9. API Well No.
30-015-37604

3a. Address
210 PARK AVE STE 900
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)
Ph: 405-996-5769
Fx: 405-949-2223

10. Field and Pool, or Exploratory
WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 31 T22S R29E Mer NMP NWSW 1980FSL 990FWL
32.205063 N Lat, 104.014345 W Lon

11. County or Parish, and State
EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input 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 checked="" 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 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.)

2ND RECOMPLETE COMPLETION SUNDRY

The 2nd recompletion activities began on 4/14/15.
4/15/15 Plug & Perf; Wolfcamp C (10,754'-10,877?)
4/16/15 Acidize; Set packer at 10,556' W/ 10k tension.
Starting fluid level was 50? and ending fluid level was 8,000?.
Pressure test lines to 8,500 psi
4/17/15 Swabbing; total of 63 bbls swabbing W/ total of 14 runs.
4/29/15 Perf & Frac (10754'-10877')
4/30/15 Flowback

Well is Producing.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #301418 verified by the BLM Well Information System
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad**

Name (Printed/Typed) HEATHER BREHM	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/11/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE

Approved By _____	Title _____
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 _____

Pending BLM approvals will
subsequently be reviewed
and scanned
ADD

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM61349

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No. _____

2. Name of Operator RKI EXPLORATION & PRODUCTIONE-Mail: hbrehm@rkixp.com Contact: HEATHER BREHM
 8. Lease Name and Well No. LONGVIEW DEEP FEDERAL 31 31

3. Address 210 PARK AVE STE 900 OKLAHOMA CITY, OK 73102 3a. Phone No. (include area code) Ph: 405-996-5769
 9. API Well No. 30-015-37604

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface NWSW 1980FSL 990FWL 32.205063 N Lat, 104.014345 W Lon
 At top prod interval reported below NWSW 1980FSL 990FWL 32.205063 N Lat, 104.014345 W Lon
 At total depth NWSW 1980FSL 990FWL 32.205063 N Lat, 104.014345 W Lon

10. Field and Pool, or Exploratory WOLFCAMP
 11. Sec., T., R., M., or Block and Survey or Area Sec 31 T22S R29E Mer NMP
 12. County or Parish EDDY 13. State NM
 14. Date Spudded 04/07/2012 15. Date T.D. Reached 05/19/2012 16. Date Completed D & A Ready to Prod. 05/01/2015
 17. Elevations (DF, KB, RT, GL)* 3137 GL

18. Total Depth: MD 13108 TVD 13108 19. Plug Back T.D.: MD 12400 TVD 12400 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CEMENT
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	255		300	72	0	
12.500	9.625 J55	40.0	0	3999		1350	445	0	
7.875	7.000 P110	13.5	0	11634	5032	2080	593	11330	
6.000	4.500 P110	13.5	5032	11314		135	31	0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	11317	11334						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10754	10877	10754 TO 10877	3.130	57	ACTIVE
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10754 TO 10877	100 MESH, 20# LINEAR, 40/70 WHITE, 20# BORATE/LTR 4.019 BBLs, TOTAL PROP 170,726 LB

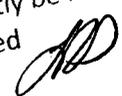
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/13/2012	05/08/2015	24	→	5.0	304.0	385.0	0.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI	180.0	→	5	304	385	60800	PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

Pending BLM approvals will subsequently be reviewed and scanned



28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	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. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WOLFCAMP	10754	10877	GAS-WATER	RUSTLER	340
				TOP SALT	1980
				BTM SALT	2920
				DELAWARE	2959
				BELL CANYON	2950
				CHERRY CANYON	3930
				BRUSHY CANYON	5010
BONE SPRING	6455				

32. Additional remarks (include plugging procedure):
AVALON SAND 6540'
WOLFCAMP 9821'

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #301424 Verified by the BLM Well Information System.
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad**

Name (please print) HEATHER BREHM Title REGULATORY ANALYST

Signature (Electronic Submission) Date 05/11/2015

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.