

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

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address RKI EXPLORATION & PRODUCTION 210 PARK AVE, STE. 900 OKLAHOMA CITY, OK 73102		<sup>2</sup> OGRID Number 246289
		<sup>3</sup> Reason for Filing Code/ Effective Date NW 11/27/2014
<sup>4</sup> API Number 30 - 015-40623	<sup>5</sup> Pool Name ROSS DRAW; DELAWARE, EAST	<sup>6</sup> Pool Code 52795
<sup>7</sup> Property Code 11808	<sup>8</sup> Property Name ROSS DRAW UNIT	<sup>9</sup> Well Number 33

II. <sup>10</sup> Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	22	26S	30E		2310	SOUTH	2310	EAST	EDDY

<sup>11</sup> 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
J	22	26S	30E		2310	SOUTH	2310	EAST	EDDY
<sup>12</sup> Lse Code S	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Data 11/29/2014	<sup>15</sup> C-129 Permit Number na	<sup>16</sup> C-129 Effective Date na	<sup>17</sup> C-129 Expiration Date na				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
35246	SHELL TRADING US COMPANY PO BOX 4604, HOUSTON, TX 77010	O
504685	LOBOS MIDSTREAM, LLC 123 E MARCY, SANTA FE, NM 87501	G

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
JAN 05 2015  
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IV. Well Completion Data

<sup>21</sup> Spud Date 10/27/2014	<sup>22</sup> Ready Date 11/27/2014	<sup>23</sup> TD 7525'	<sup>24</sup> PBSD 7431'	<sup>25</sup> Perforations 5616'-7210'	<sup>26</sup> DHC, MC na
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17.5"	13.375" J55 54.5#	910'	800 SKS		
12.25"	9.625" J55 40#	3513'	955 SKS		
7.875"	5.5" N80 17#	7519'	1025 SKS		
7.875"	2.875" TUBING	5603'			

V. Well Test Data

<sup>31</sup> Date New Oil 11/29/2014	<sup>32</sup> Gas Delivery Date 11/29/2014	<sup>33</sup> Test Date 5/21/2014	<sup>34</sup> Test Length 24 HRS	<sup>35</sup> Tbg. Pressure 300	<sup>36</sup> Csg. Pressure 180
<sup>37</sup> Choke Size 28/64	<sup>38</sup> Oil 521	<sup>39</sup> Water 1052	<sup>40</sup> Gas 573		<sup>41</sup> Test Method ESP

<sup>42</sup> 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: *Heather Brehm*

Printed name: HEATHER BREHM

Title: REGULATORY ANALYST

E-mail Address: hbrehm@rkixp.com

Date: 12/30/2014 Phone: 405-996-5769

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Must be in compliance with NMOCD  
Rule 5.9 prior to transporting/selling  
product.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.  
NMNM0480904B

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.  
NMNM71027X

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
ROSS DRAW UNIT 33

2. Name of Operator

RKI EXPLORATION &amp; PRODUCTION

Contact: HEATHER BREHM

E-Mail: hbrehm@rkixp.com

9. API Well No.  
30-015-40623

3a. Address

210 PARK AVE STE 900  
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

Ph: 405-996-5769  
Fx: 405-949-222310. Field and Pool, or Exploratory  
ROSS DRAW; DELAWARE, EAST

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 22 T26S R30E Mer NMP NWSE 2310FSL 2310FEL  
32.027040 N Lat, 103.867960 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 recompleat 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 recompleat 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.)

**COMPLETION SUNDRY**

Completion activities began on 11/08/2014.

11/14/2014 Ran CBL/RBL/GR/CCL to surface. Estimated TOC @1990'.

11/15/2014 Pressured tested 5 1/2" Prod Csg to 6150 psi. held pressure 30 min

11/18/2014 Perf from 7,206 -7,210 ft.

11/22/2014 Frac &amp; Perf: (5616'-7210')LTR= 10,930 bbls/Prop= 489,020 lbs

11/25/2014 MIRU

11/26/2014 Drill out plugs

11/27/2014 Run ESP

PUMP INTAKE @5,485'

EOP @5,513'

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JAN 05 2015

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

**Electronic Submission #286088 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 12/22/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Pending BLM approvals will  
subsequently be reviewed  
and scanned

Department or agency of the United States

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED****\*\* OPERATOR-SUBMITTED \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. NMNM71027X		
2. Name of Operator RKI EXPLORATION & PRODUCTION-Email: hbrehm@rkixp.com			8. Lease Name and Well No. ROSS DRAW UNIT 33		
3. Address 210 PARK AVE STE 900 OKLAHOMA CITY, OK 73102			9. API Well No. 30-015-40623		
3a. Phone No. (include area code) Ph: 405-996-5769			10. Field and Pool, or Exploratory ROSS DRAW;DELAWARE,EAST		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSE 2310FSL 2310FEL 32.027040 N Lat, 103.867960 W Lon At top prod interval reported below NWSE 2310FSL 2310FEL 32.027040 N Lat, 103.867960 W Lon At total depth NWSE 2310FSL 2310FEL 32.027040 N Lat, 103.867960 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 22 T26S R30E Mer NMP		
14. Date Spudded 10/27/2014			15. Date T.D. Reached 11/05/2014		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/27/2014			17. Elevations (DF, KB, RT, GL)* 3053 GL		
18. Total Depth: MD 7525 TVD 7525			19. Plug Back T.D.: MD 7431 TVD 7431		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CEMENT, RES, POR		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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	910		800	233	0	
12.250	9.625 J55	40.0	0	3513		955	305	0	
7.875	5.500 N80	17.0	0	7519	5477	1025	301	3213	

## 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	5603							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE SANDS	5616	7210	5616 TO 7210	3.130	221	ACTIVE
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material	
5616 TO 7210	20#LINEAR,15%HCL,20#X-LINK/LTR = 10,930 BBLs//PROP = 489,020 BBLs	NM OIL CONSERVATION ARTESIA DISTRICT JAN 05 2015

## 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
11/27/2014	12/04/2014	24	→	639.0	412.0	857.0	41.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
40/64	225	180.0	→	639	412	857	644	POW	

## 28a. Production - Interval B

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

Pending BLM approvals will  
subsequently be reviewed  
and scanned

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #286196 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

## 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
DELAWARE	3506	4628	WATER	RUSTLER	915
CHERRY CANYON	4628	5651	OIL-GAS	TOP SALT	3155
BRUSHY CANYON	5651	7359	OIL-GAS	BTM SALT	3307
BONE SPRING	7359		LIMESTONE	DELAWARE	3506
				CHERRY CANYON	4628
				BRUSHY CANYON	5651
				BONE SPRING	7359

32. Additional remarks (include plugging procedure):  
SURFACE GEOLOGY: QEP

## 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 #286196 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 12/23/2014

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

- **Additional data for EC transaction #286088 that would not fit on the form**

**32. Additional remarks, continued**

EOT @5603'

11/27/2014 Flowback. Well is Producing.