

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. 700, OKC, OK 73102		<sup>2</sup> OGRID Number 246289
		<sup>3</sup> Reason for Filing Code/ Effective Date NW 5/23/2015
<sup>4</sup> API Number 30 - 0 15-41089	<sup>5</sup> Pool Name WOLFCAMP	<sup>6</sup> Pool Code 97136
<sup>7</sup> Property Code 39027	<sup>8</sup> Property Name RDX FEDERAL COM 17	<sup>9</sup> Well Number 16H

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
D	17	26S	30E		330	NORTH	600	WEST	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
M	17	26S	30E		234	SOUTH	467	WEST	EDDY
<sup>12</sup> Lsc Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 5/23/2015	<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
774715	SHELL TRADING US COMPANY	O
211476	DELAWARE BASIN  NM OIL CONSERVATION ARTESIA DISTRICT JUL 07 2015  RECEIVED	G

IV. Well Completion Data

<sup>21</sup> Spud Date 01/26/2015	<sup>22</sup> Ready Date 05/23/2015	<sup>23</sup> TD 14856' <i>10736</i>	<sup>24</sup> PBSD 14745'	<sup>25</sup> Perforations 11154'-14701'	<sup>26</sup> DHC, MC n/a
<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#	868'	900		
12.25"	9.625" J55 40#	3415'	960		
8.75"	7" P110 29#	10032'	1185		
6.125"	4.5" HCP 100 13.5#	14836'	325 LINER		
6.215"	4.5" POZ C 12.9#	14856'	250 SQUEEZE		

V. Well Test Data

<sup>31</sup> Date New Oil 5/23/2015	<sup>32</sup> Gas Delivery Date 5/23/2015	<sup>33</sup> Test Date 06/08/2015	<sup>34</sup> Test Length 24 HRS	<sup>35</sup> Tbg. Pressure 0	<sup>36</sup> Csg. Pressure 1490
<sup>37</sup> Choke Size 25/64	<sup>38</sup> Oil 409	<sup>39</sup> Water 1100	<sup>40</sup> Gas 1738	<sup>41</sup> Test Method FLOWING	

<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: 07/02/2015 Phone: 405.996.5769

OIL CONSERVATION DIVISION

Approved by: *RD Dade*

Title: *Dave T. Sparks*

Approval Date: *7-9-15*

Pending BLM approvals will subsequently be reviewed and scanned *RD*

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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM20965
2. Name of Operator RKI EXPLORATION & PRODUCTION		6. If Indian, Allottee or Tribe Name
3a. Address 210 PARK AVE STE 900 OKLAHOMA CITY, OK 73102		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 405-996-5769 Fx: 405-949-2223		8. Well Name and No. RDX FEDERAL COM 17 16H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T26S R30E Mer NMP NWNW 330FNL 460FWL 32.025610 N Lat, 103.543792 W Lon		9. API Well No. 30-015-41089
		10. Field and Pool, or Exploratory BRUSHY DRAW; DELAWARE, EAST
		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 checked="" 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 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 Change to Original APD
	<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 recomple 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 recomple 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.)

**SURFACE SUNDRY**

Well spud on 01/23/2015.

On 1/26/15 drilled 17.5" hole to 868'. ran total of 23 jts 13-3/8" 54.5# J-55 STC Csg. Set shoe @ 864 & FC @ 827. Test lines to 1500 psi.

Lead cmt 700 sks Standard Lite mixed @ 13.5ppg & 1.73 yield  
Tail cmt 200 sx Standard mixed @ 14.8ppg & 1.33 yield

bumped plug to 850 psi, floats held.

Full returns throughout job, circ 80 bbls of cmt to surface.

**NM OIL CONSERVATION**

ARTESIA DISTRICT

**JUL 07 2015**

**RECEIVED**

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #297319 verified by the BLM Well Information System For RKI EXPLORATION &amp; PRODUCTION, sent to the Carlsbad</b>	
Name (Printed/Typed) <b>HEATHER BREHM</b>	Title <b>REGULATORY ANALYST</b>
Signature (Electronic Submission)	Date <b>04/06/2015</b>
<b>THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE</b>	
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 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.	

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

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.  
NMNM20965

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
RDX FEDERAL COM 17 169. API Well No.  
30-015-4108910. Field and Pool, or Exploratory  
BRUSHY DRAW; DELAWARE, EAST11. County or Parish, and State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

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

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

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

Sec 17 T26S R30E Mer NMP NWNW 330FNL 460FWL  
32.025610 N Lat, 103.543792 W Lon

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" 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 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	Change to Original APD	
	<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 recomple 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 recomple 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.)

## INTERMEDIATE SUNDRY

On 01/29/2015 drilled 12.25" hole to 3415'. ran total of 82 jts of 9-5/8" 40# J-55 LTC Csg. Set FC @ 3367' & Shoe @ 3411', test lines to 3000 psi.

Lead cmt 760 sx 35/65 Poz/C + additives mixed @ 12.9 ppg & 1.92 cuft/sk.  
Tail cmt 200 sx Standard mixed @ 14.8 ppg & 1.33 cuft/sk.

did not bump plug, floats held.

Full returns throughout job, circ 40 bbls of cmt to surface.

NM OIL CONSERVATION  
ARTESIA DISTRICT

JUL 07 2015

RECEIVED

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

Electronic Submission #297318 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 04/06/2015

THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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

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subsequently be reviewed  
and scanned

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.

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

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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No.
2. Name of Operator RKI EXPLORATION & PRODUCTION Contact: HEATHER BREHM E-Mail: hbrehm@rkixp.com		8. Well Name and No. RDX FEDERAL COM 17 16
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	9. API Well No. 30-015-41089
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T26S R30E Mer NMP NWNW 330FNL 460FWL 32.025610 N Lat, 103.543792 W Lon		10. Field and Pool, or Exploratory BRUSHY DRAW; DELAWARE, EAST
		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 checked="" 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 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	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 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.)

**DEEP INTERMEDIATE SUNDRY**

On 2/9/2015 drilled 8.75" hole to 10032'. run 246 joints of 7" 29# P-110 BTC casing to 10,030'.  
Shoe @ 10,030, FC @ 9,999' & DV tool @ 5508'.  
test lines 4000 psi

Lead cmt 660 sks PVL w/ additives mixed @ 13.0 ppg, 1.91, cuft/sk  
did not bump plug, floats held. 75% returns through out cement job.  
Circulate off top of DV tool, no cement returns off top of tool.

2nd stage lead cmt- 350 sks 35/65 Pzo with additives mixed @ 12.9 ppg, 1.91 cuft/sk  
2nd stage tail 175 sx C w/ additives mixed @ 14.8 ppg, 1.33 cuft/sk

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUL 07 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #297321 verified by the BLM Well Information System For RKI EXPLORATION &amp; PRODUCTION, sent to the Carlsbad</b>	
Name (Printed/Typed) HEATHER BREHM	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 04/06/2015

**THIS SPACE FOR FEDERAL OR STATE AGENCY APPROVAL**

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

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

**Additional data for EC transaction #297321 that would not fit on the form**

**32. Additional remarks, continued**

bumped plug with 1630 psi, floats held

test casing to 1,500 psi for 30 mins. Test ok.

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.  
NMNM20965

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
RDX FEDERAL COM 17 169. API Well No.  
30-015-4108910. Field and Pool, or Exploratory  
BRUSHY DRAW;DELAWARE,EAST11. County or Parish, and State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Contact: HEATHER BREHM

RKI EXPLORATION &amp; PRODUCTION E-Mail: hbrehm@rkixp.com

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

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

Sec 17 T26S R30E Mer NMP NWNW 330FNL 460FWL  
32.025610 N Lat, 103.543792 W Lon

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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## LINER SUNDRY

On 2/21/2015 drilled 6.125" hole to 14,836'. Ran a total of 118 joints 4-1/2" 13.5# HCP-100 BTC Csg. Set shoe @ 14836', FC @ 14752. Top of liner @ 3411'

325 sks AcidSolid PVL w/ additives mixed @ 13.0 ppg, 1.87 yield did not circ cement to surface

not bump plug, circ btms up w/ full returns  
Full returns throughout, final lift pressure 1200 psi  
unable to test TOL due to not bumping plug

NM OIL CONSERVATION  
ARTESIA DISTRICT

JUL 07 2015

RECEIVED

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

Electronic Submission #297327 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 04/06/2015

THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE

Approved By

Title

Date

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

**Additional data for EC transaction #297327 that would not fit on the form**

**32. Additional remarks, continued**

Released Rig on 2/2/24.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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6. If Indian, Allottee or Tribe Name

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8. Well Name and No.  
RDX FEDERAL COM 17 169. API Well No.  
30-015-4108910. Field and Pool, or Exploratory  
BRUSHY DRAW; DELAWARE, EAST11. County or Parish, and State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
RKI EXPLORATION & PRODUCTION

Contact: HEATHER BREHM

E-Mail: hbrehm@rkixp.com

3a. Address  
210 PARK AVE STE 900  
OKLAHOMA CITY, OK 731023b. Phone No. (include area code)  
Ph: 405-996-5769  
Fx: 405-949-2223

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

Sec 17 T26S R30E Mer NMP NWNW 330FNL 460FWL  
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<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	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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## SQUEEZE SUNDRY

On 2/25/2015 Pumped 250 sx 35/65 Poz C cmt, 12.9#, 1.92 yield displacement at 2bpm with final injection rate of 2bpm & 1000psi. TOC calculated to 2400'.

NM OIL CONSERVATION  
ARTESIA DISTRICT

JUL 07 2015

RECEIVED

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

Electronic Submission #297330 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 04/06/2015

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Approved By

Title

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DEPARTMENT OF THE INTERIOR  
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**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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM20965
2. Name of Operator RKI EXPLORATION & PRODUCTION Contact: HEATHER BREHM E-Mail: hbrehm@rkixp.com		6. If Indian, Allottee or Tribe Name
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	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T26S R30E Mer NMP NWNW 330FNL 460FWL 32.025610 N Lat, 103.543792 W Lon		8. Well Name and No. RDX FEDERAL COM 17 16
		9. API Well No. 30-015-41089
		10. Field and Pool, or Exploratory BRUSHY DRAW; DELAWARE, EAST
		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 checked="" 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 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	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 3.7.15  
Tag PBTD @14,745'  
Ran RBL/CBL/GR/CCL to surface. Estimated TOC at 2330'.  
Pressured tested CBP, 7" & 4 1/2" Prod Csg to 9500 psi. held pressure for 30 minutes.  
3.15.15 Perf STAGE 1.  
packer @ 12,101.5'; EOT @ 13020'  
3.24.15 Frac & Perf (11154'-14701') Total Sand= 4,017,367#; TLR= 88,901 bbls  
5.20.15 drill out plugs  
5.21.15 flowback

**NM OIL CONSERVATION**

ARTESIA DISTRICT

JUL 07 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #302993 verified by the BLM Well Information System For RKI EXPLORATION &amp; PRODUCTION, sent to the Carlsbad</b>	
Name (Printed/Typed) HEATHER BREHM	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/27/2015

THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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 _____	

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

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

**Additional data for EC transaction #302993 that would not fit on the form**

**32. Additional remarks, continued**

Well is producing.

# NM CONSERVATION

ARTESTA DISTRICT

JUL 07 2015

Form 3160-4  
(August 2007)

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

RECEIVED

5. Lease Serial No.  
NMNM20965

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 & PRODUCTION-Email: hbrehm@rkixp.com

Contact: HEATHER BREHM

8. Lease Name and Well No.  
RDX FEDERAL COM 17 16H

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.  
30-015-41089

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface NWNW 330FNL 600FWL 32.025610 N Lat, 103.543792 W Lon

At top prod interval reported below SWNW 818FSL 937FEL

At total depth SWSW 234FSL 467FWL

10. Field and Pool, or Exploratory  
WOLFCAMP

11. Sec., T., R., M., or Block and Survey  
or Area Sec 17 T26S R30E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
01/26/2015

15. Date T.D. Reached  
02/21/2015

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/21/2015

17. Elevations (DF, KB, RT, GL)\*  
3071 GL

18. Total Depth: MD 14856  
TVD 10735

19. Plug Back T.D.: MD 14745  
TVD 10743

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CEMENT, POR, RES

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	868		900		0	
12.250	9.625 J55	40.0	0	3415		960		0	
8.750	7.000 P110	29.0	0	10032		1185		2330	
6.125	4.500 POZC	12.9	2400	14856		250		2400	
6.125	4.500 HCP100	13.5	3411	14836	5510	325		5510	

### 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	13020							

### 25. Producing Intervals

### 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	11154	14701	11154 TO 14701	3.130	352	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11154 TO 14701	LINEAR/XLINK, 100 MESH, 40/70 WHITE, 20/40 WHITE, 20/40 SW WHITE//TLR=88, 901 BBLs/PROP=4,017,367 LBS

### 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
05/23/2015	06/08/2015	24	→	409.0	1738.0	1100.0	52.2		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	
25/64	SI	1490.0	→	409	1738	1100	4249	POW	

### 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

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

ELECTRONIC SUBMISSION #307872 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
WOLFCAMP	10500	14701	OIL-GAS-WATER	RUSTLER TOP SALT BTM SALT DELAWARE/BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	865 2915 3245 3441 4570 5624 7271

## 32. Additional remarks (include plugging procedure):

1ST BONE SPRING 7271'  
2ND BONE SPRING 9090'  
3RD BONE SPRING 10065'  
WOLFCAMP 10500'

## 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 #307872 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 07/02/2015

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.

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