

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, OKC OK 73102		<sup>2</sup> OGRID Number 246289
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 015-42220	<sup>5</sup> Pool Name CORRAL CANYON; BONE SPRING, SOUTH	<sup>6</sup> Pool Code 13354
<sup>7</sup> Property Code 313114	<sup>8</sup> Property Name NORTH BRUSHY DRAW FEDERAL 35	<sup>9</sup> Well Number 9H

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
A	35	25S	29E		300	NORTH	260	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
P	35	25S	29E		224	SOUTH	356	EAST	EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code FLOWING	<sup>14</sup> Gas Connection Date 5/30/2014	<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
241742	SOUTHERN UNION GAS SERVICES 301 COMMERCE, STE 700, FT WORTH, TX 76102	G
NM OIL CONSERVATION ARTESIA DISTRICT AUG 27 2014 RECEIVED		

IV. Well Completion Data

<sup>21</sup> Spud Date 4/06/2014	<sup>22</sup> Ready Date 5/30/2014	<sup>23</sup> TD 13520'	<sup>24</sup> PBTB 13418'	<sup>25</sup> Perforations 9496'- 13368'	<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" J-55 54.5"	630'	550 SKS		
12.25"	9.625" J-55 40#	3183'	860 SKS		
8.75"	5.5" HCP-110 17#	13504'	2049 SKS		

V. Well Test Data

<sup>31</sup> Date New Oil 5/31/2014	<sup>32</sup> Gas Delivery Date 5/30/2014	<sup>33</sup> Test Date 6/05/2014	<sup>34</sup> Test Length 24 HRS	<sup>35</sup> Tbg. Pressure 0	<sup>36</sup> Csg. Pressure 620
<sup>37</sup> Choke Size 36/64	<sup>38</sup> Oil 361 BBL	<sup>39</sup> Water 1719 BBL	<sup>40</sup> Gas 115 MCF	<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: <i>Heather Brehm</i>		OIL CONSERVATION DIVISION Approved by: <i>RR Dade</i>	
Printed name: HEATHER BREHM		Title: <i>Dist. R. Spewer</i>	
Title: REGULATORY ANALYST		Approval Date: <i>9-11-2014</i>	
E-mail Address: hbrehm@rkixp.com		Pending BLM approvals will subsequently be reviewed and scanned  3460-4	
Date: 8/20/2014	Phone: 405-992-9796		

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 27 2014

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
NMNM54290

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.  
NORTH BRUSHY DRAW FEDERAL 35 9H

3. Address 210 PARK AVENUE, SUITE 900  
OKLAHOMA CITY, OK 73102

3a. Phone No. (include area code)  
Ph: 405-996-5769

9. API Well No.  
30-015-42220

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

At surface NENE 300FNL 260FEL 32.053384 N Lat, 103.565029 W Lon

At top prod interval reported below NENE 1064FNL 431FEL 32.052629 N Lat, 103.565228 W Lon

At total depth SESE 224FSL 356FEL 32.044651 N Lat, 103.565136 W Lon

10. Field and Pool, or Exploratory  
CORRAL CANYON;BONE SPR,S

11. Sec., T., R., M., or Block and Survey  
or Area Sec 35 T25S R29E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
04/06/2014

15. Date T.D. Reached  
04/30/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/29/2014

17. Elevations (DF, KB, RT, GL)\*  
3031 GL

18. Total Depth: MD  
TVD

13520  
8990

19. Plug Back T.D.: MD  
TVD

13418  
8989

20. Depth Bridge Plug Set: MD  
TVD

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

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 J-55	40.0	0	630		550	156		
12.250	9.625 J-55	40.0	0	3183		860	272		
8.750	5.500 HCP-110	17.0	3183	13504	4936	2049	491	2686	

### 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	12741							

### 25. Producing Intervals

### 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	9496	13368	9496 TO 13368	3.130	512	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9496 TO 13368	15% HCL, 20# WATER FRAC-G, 20# DELTA, 20# WHITE & SUPER, TOTAL SAND=2,883,309 LBS/TLR=53,630 BBLs

### 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
05/30/2014	06/05/2014	24	→	361.0	115.0	1719.0	44.7		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	
36/64		620.0	→	361	115	1719	318	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
			→				

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #257751 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	3225	4323	OIL/GAS	RUSTLER	510
CHERRY CANYON	4323	5478	OIL/GAS	TOP SALT	2760
BRUSHY CANYON	5478	7020	OIL/GAS	BOTTOM SALT	3033
1ST BONE SPRING	7940	8577	OIL/GAS	DELAWARE	3225
2ND BONE SPRING	8577	13368	OIL/GAS	CHERRY CANYON	4323
				BRUSHY CANYON	5478
				BONE SPRING	7020
				AVALON	

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

1ST BONE SPRING 7940 OIL/GAS  
2ND BONE SPRING 8577 OIL/GAS

SURFACE GEOPLOGY: 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 #257751 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 08/20/2014

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.

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