

# NM OIL CONSERVATION

ARTESIA DISTRICT  
OCD Artesia  
DEC 30 2014

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

5. Lease Serial No.  
NMNM0480904B

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.  
ROSS DRAW UNIT 45

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.  
30-015-42018

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

At surface SWSW 990FSL 430FWL 32.012425 N Lat, 103.523464 W Lon

At top prod interval reported below SWSW 990FSL 430FWL 32.012425 N Lat, 103.523464 W Lon

At total depth SWSW 990FSL 430FWL 32.012425 N Lat, 103.523464 W Lon

10. Field and Pool, or Exploratory  
ROSS DRAW, DELAWARE, EAST

11. Sec., T., R., M., or Block and Survey  
or Area Sec 22 T26S R30E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
03/06/2014

15. Date T.D. Reached  
03/14/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
04/05/2014

17. Elevations (DF, KB, RT, GL)\*  
3027 GL

18. Total Depth: MD  
TVD 7450  
7450

19. Plug Back T.D.: MD  
TVD 7394  
7394

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	830		1100	329	0	
12.250	9.625 J55	40.0	0	3440		1200	389	0	
7.875	5.500 P110	17.0	0	7450	5487	1025	298	5487	

#### 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	4995							

#### 25. Producing Intervals

#### 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE SANDS	5650	7242	5650 TO 7242	3.130	206	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5650 TO 7242	15% HCL, 20# LINEAR, 20# BORATE, 16/30 WHITE, 16/30 SUPER/TOTAL PROP = 673,551 LBS/TOTAL LTR = 10,917 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
04/05/2014	04/13/2014	24	→	500.0	496.0	1091.0	41.4		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
27/64	SI	300.0	→	500	496	1091	1	PO	

#### 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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

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

ELECTRONIC SUBMISSION #256704 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

ACCEPTED FOR RECORD

DEC - 7 2014

*Wendy Negrete*

Reclamation Due: 10/5/2014

CP

## 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	3444	4569	OIL, GAS	RUSTLER	795
CHERRY CANYON	4569	5612	OIL, GAS	TOP OF SALT	2980
BRUSHY CANYON	5612	7299	OIL, GAS	BOTTOM OF SALT	3240
BONE SPRING	7299	7450	OIL, GAS, LIMESTONE	DELAWARE	3444
				CHERRY CANYON	4569
				BRUSHY CANYON	5612
				BONE SPRING	7299

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

\*\*REVISED\*\* TO REPLACED TRANS# 244684

## 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 #256704 Verified by the BLM Well Information System.  
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad  
Committed to AFMSS for processing by DINAH NEGRETE on 11/15/2014 ()

Name(please print) HEATHER BREHM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/12/2014

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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