

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
**DEC 9 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 AND LOG**

5. Lease Serial No.  
NMNM0555443

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
**891013810X**

8. Lease Name and Well No.  
ROSS DRAW UNIT 53

9. API Well No.  
30-015-41974 - **SI**

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

11. Sec., T., R., M., or Block and Survey  
or Area Sec 27 T26S R30E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
3021 GL

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

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

Contact: HEATHER BREHM

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

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

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

At surface NENE 330FNL 990FEL 32.011126 N Lat, 103.514924 W Lon

At top prod interval reported below NENE 330FNL 990FEL 32.011126 N Lat, 103.514924 W Lon

At total depth NENE 330FNL 990FEL 32.011126 N Lat, 103.514924 W Lon

14. Date Spudded  
03/18/2014

15. Date T.D. Reached  
03/26/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
04/18/2014

18. Total Depth: MD 7549  
TVD 7549

19. Plug Back T.D.: MD 7415  
TVD 7415

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	950		1050	312	0	
12.250	9.625 J55	40.0	0	3435		1100	354	0	
7.875	5.500 N80	17.0	0	7500	5513	1025	298	3128	

**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	5537							

**25. Producing Intervals**

**26. Perforation Record**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE SANDS	5612	7240	5612 TO 7240	3.130	250	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5612 TO 7240	SLICK WATER, 15% HCL, DELTA FRAC 140-20#, PREM 16/30, DF 140-20#/LTR=12.287 BBL / TOTAL PROP=717500 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
04/18/2014	05/05/2014	24	→	344.0	577.0	1077.0	41.9		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	
96/64	SI	190.0	→	344	577	1077	1	ROW	

**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 #256703 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

BUREAU OF LAND MANAGEMENT  
RECORD FIELD OFFICE

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

*Reclamation Due: 10/18/14*

**ACCEPTED FOR RECORD**

DEC 7 2014

*Debrah Megala 12/7/14*

*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	3478	4611	OIL, GAS	RUSTLER	730
CHERRY CANYON	4611	5576	OIL, GAS	TOP OF SALT	3002
BRUSHY CANYON	5576	7373	OIL, GAS	BOTTOM OF SALT	3280
BONE SPRING	7373	7549	OIL, GAS, LIMESTONE	DELAWARE	3478
				CHERRY CANYON	4611
				BRUSHY CANYON	5576
				BONE SPRING	7373

32. Additional remarks (include plugging procedure):  
\*\*REVISED\*\* TO REPLACE TRANS# 244702

## 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 #256703 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.

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