

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
JAN 02 2014  
NMOC D ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM102917

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

3. Address 210 PARK AVENUE, SUITE 900 OKLAHOMA CITY, OK 73102  
 3a. Phone No. (include area code) Ph: 405-996-5769

8. Lease Name and Well No. RDX 21 44  
 9. API Well No. 30-015-41193

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface SESE 1150FSL 990FEL  
 At top prod interval reported below SESE 1150FSL 990FEL  
 At total depth SESE 1150FSL 990FEL

10. Field and Pool, or Exploratory BRUSHY DRAW-DELAWARE EAST  
 11. Sec., T., R., M., or Block and Survey or Area Sec 21 T26S R30E Mer NMP  
 12. County or Parish EDDY 13. State NM

14. Date Spudded 07/22/2013 15. Date T.D. Reached 07/30/2013 16. Date Completed 09/28/2013  
 D & A  Ready to Prod.

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

18. Total Depth: MD 7415 TVD 19. Plug Back T.D.: MD 7368 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) POROSITY, RESISTIVITY, CBL  
 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	13.750 J-55	54.5	0	968		1090	324	0	
12.250	9.625 J-55	40.0	0	3430		1040	335	0	
7.875	5.500 N-80	17.0	0	7415	5519	880	223	2450	

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	5636							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE SANDS	5674	7165	6922 TO 7169	35.600	48	ACTIVE
B)			6610 TO 6705	35.600	48	ACTIVE
C)			6202 TO 6458	35.600	50	ACTIVE
D)			5674 TO 6128	35.600	68	ACTIVE

*Not Matching w/ Summary notes*

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

Depth Interval	Amount and Type of Material
6922 TO 7169	LTR 113,221 GAL:15% HCL ACID, DELTA FRAC 140, WATER FRAC G; TOTAL PROP 145,047 LB PREM & CRC 16/30
6610 TO 6705	LTR 77,140 GAL: 15% HCL ACID, DELTA FRAC 140, WATER FRAC G; TOTAL PROP 112,583 LB
3202 TO 6458	LTR 92,306 GAL:15% HCL ACID, DELTA FRAC 140, WATER FRAC G; TOTAL PROP 140,808 LB PREM & CRC 16/30
5674 TO 6128	LTR 152,212 GAL:15% HCL ACID, DELTA FRAC 140, WATER FRAC G; TOTAL PROP 205,991 LB PREM & CRC 16/30

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
09/30/2013	10/14/2013	24	→	167.2	231.0	601.6	35.0		ELECTRIC PUMP SUB-SURFACE

Choke Size 64/64 Thg. Press. Flwg. 210 Csg. Press. 115.0 24 Hr. Rate → Oil BBL 167 Gas MCF 231 Water BBL 601 Gas:Oil Ratio POW Well Status

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

RECEIVED FOR RECORD  
DEC 31 2013  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #226990 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

RECLAMATION  
DUE 3-28-14

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 SANDS	5674	7169		DELAWARE BRUSHY CANYON BONE SPRING	3447 5624 7284

32. Additional remarks (include plugging procedure):

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 #226990 Verified by the BLM Well Information System.  
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 12/19/2013 ()**

Name (please print) HEATHER D BREHM Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 11/15/2013

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 \*\***