

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
OCD Artesia MAR 19 2013  
NMOCD ARTESIA

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM100558

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 & PROD LLC Contact: CHARLES K AHN  
E-Mail: cahn@rkixp.com

8. Lease Name and Well No.  
RDX FEDERAL 15 16

3. Address 3817 NW EXPRESSWAY SUITE 950  
OKLAHOMA CITY, OK 73112

3a. Phone No. (include area code)  
Ph: 405-996-5771

9. API Well No.  
30-015-39944-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface NENE 990FNL 330FEL  
At top prod interval reported below NENE 990FNL 330FEL  
At total depth NENE 990FNL 330FEL

10. Field and Pool, or Exploratory  
BRUSHY DRAW

11. Sec., T., R., M., or Block and Survey  
or Area Sec 15 T26S R30E Mer NMP

12. County or Parish  
EDDY 13. State  
NM

14. Date Spudded  
08/17/2012

15. Date T.D. Reached  
08/29/2012

16. Date Completed  
 D & A  Ready to Prod.  
11/16/2012

17. Elevations (DF, KB, RT, GL)\*  
3157 GL

18. Total Depth: MD 7704  
TVD

19. Plug Back T.D.: MD 7540  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GAMMARAY DENSITY NEUTRON CALIPERLOGS

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	54.5	0	879		1050		0	
12.250	9.625 J-55	40.0	0	3654		1244		0	
7.875	5.500 J-55	17.0	0	7694	5525	875		3186	

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		5773						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	5790	7402	5790 TO 6356	0.420	88	2 STAGES (4 AND 5) COMBINED
B)			6553 TO 6725	0.420	42	
C)			6814 TO 7024	0.420	58	
D)			7178 TO 7402	0.420	42	

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

Depth Interval	Amount and Type of Material
5790 TO 6356	BOTTOM PERF, SPOTTING 2,000 GALLONS OF ACID OVER NEXT PERFS.
6553 TO 6725	W/ 69,169 GALLONS OF DF 140-R(11) W/ 191,278 LBS OF CRC 16/30 PROPPANT AT 5 PPG. FLUSHED TO
6814 TO 7024	DELTAFRAC 140-R(11) W/447,086 LBS OF PREMIUM WHITE 16/30 PROPPANT IN 0.5/1/2/3/4 PPG TAILED
7178 TO 7402	PUMPED 75,388 GALLONS OF SLICK WATER, BULL HEAD 7,500 GALLONS OF 15% HCL ACID, 308,991 GALLONS OF

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
11/16/2012	11/28/2012	24	→	119.0	0.0	288.0	41.0		GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
N/A	SI 200	175.0	→	119	0	288			

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 #200459 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED

**RECLAMATION**  
**DUE 5-16-13**

**ACCEPTED FOR RECORD**

**MAR 16 2013**

BUREAU OF LAND MANAGEMENT  
OKLAHOMA CITY, OKLAHOMA

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		Descriptions, Contents, etc.	Name	Top
	Meas.	Depth			Meas. Depth
BASE OF SALT DELAWARE	3667	3693		BASE OF SALT DELAWARE BONE SPRING	3667 3693 7554

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 #200459 Verified by the BLM Well Information System.  
For RKI EXPLORATION & PROD LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 03/04/2013 (13KMS5291SE)**

Name (please print) CHARLES K AHN Title HS&E/REGULATORY MANAGER

Signature \_\_\_\_\_ (Electronic Submission) Date 03/01/2013

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.

**\*\* REVISED \*\* REVISED \*\***