Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM101110

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 17 4

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. 30-015-36817-00-S1

RECEIVED
JUL 11 2012
NMOCD ARTESIA

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

At surface SENE 1800FNL 660FEL 32.044908 N Lat, 103.897054 W Lon

At top prod interval reported below SENE 1800FNL 660FEL

At total depth SENE 1800FNL 660FEL

10. Field and Pool, or Exploratory ROSS DRAW

11. Sec., T., R., M., or Block and Survey or Area Sec 17 T26S R30E Mer NMP

12. County or Parish EDDY — 13. State NM

14. Date Spudded 11/07/2011 — 15. Date T.D. Reached 11/20/2011 — 16. Date Completed ☐ D & A ☒ Ready to Prod. 01/26/2012 — 17. Elevations (DF, KB, RT, GL)* 3085 GL

18. Total Depth: MD 7470 TVD — 19. Plug Back T.D.: MD 7420 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	967		950		0	
12.250	9.625 J-55	40.0	0	3500		1255		0	
7.875	5.500 N-80	17.0	0	7468	5006	1035		3600	

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	5430							

25. Producing Intervals — 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	DELAWARE	5496	7124	5496 TO 6014	0.420	160	2 STAGES (4 AND 5) COMBINED
B)				6310 TO 6430	0.420	60	
C)				6580 TO 6834	0.420	80	
D)				6900 TO 7124	0.420	100	

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

Depth Interval	Amount and Type of Material
5496 TO 7124	SEE ATTACHED SHEET FOR FRAC COMPOSITIONS FOR STAGES 1 THROUGH 5.

RECLAMATION DUE 7-26-12

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
01/28/2012	02/06/2012	24	→	82.0	99.0	922.0	40.0		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
N/A	260	175.0	→	82	99	922		POW

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

ACCEPTED FOR RECORD
JUN 3 2012
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #138541 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

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	3514	7300		DELAWARE BONE SPRING	3514 7300

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 #138541 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 05/24/2012 (12KMS2077SE)

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

Signature (Electronic Submission) Date 05/21/2012

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 fradulent statements or representations as to any matter within its jurisdiction.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

PERFORATION Stage	AMOUNT AND TYPE OF MATERIAL
Stage 1 = 6900 feet to 7124 feet (100 holes)	Frac Stage 1 - Pump as follows: start on 500 gals of 30# lin gel (Water frac G) formation broke at 1526 psig 1500 gals of 15% HCl acid, 14,976 gals of Delta frac 140-R gel, 38,601 gals of 20# Delta Frac 140R carrying 75,801# of Premium White 16/30 sand at .5/1.0/2.0/3.04.0 ppg concentrations tailed with 7619 gals of 20# Delta Frac 140-R gel carrying 32,109# of CRC 16/30 sand at 5.0 ppg. Flushed to bottom perf. ISIP - 419 5/10/15 min SIPs - 350/334/324 psig. Total load to recover this stage - 82,213 gals (1958 bbls) Avg Treat/ Max Treat psi - 2305/3325 psig Avg Treat rate/Max Treat rate - 79.6/80 BPM Total Prop 108,130 lbs. Note: Diverted acid w/ 160 bio balls - total ball out - surged balls of to continue job. Endig frag gradient - .52 psi/ft
Stage 2 = 6580 feet to 6834 feet (80 holes)	Frac Stage 2 - Pump as follows: start on 500 gals of 30# lin gel (Water frac G) formation broke at 974 psig 1500 gals of 15% HCl acid, 14,962 gals of Delta frac 140-R gel, 38,643 gals of 20# Delta Frac 140R carrying 79,107# of Premium White 16/30 sand at .5/1.0/2.0/3.04.0 ppg concentrations tailed with 7978 gals of 20# Delta Frac 140-R gel carrying 36,730# of CRC 16/30 sand at 5.0 ppg. Flushed to bottom perf. ISIP - 496 5/10/15 min SIPs - 328/310/302 psig. Total load to recover this stage - 82,602 gals (1967 bbls) Avg Treat/ Max Treat psi - 1797/3325 psig Avg Treat rate/Max Treat rate - 77.6/79 BPM Total Prop 115,421 lbs.
stage 3 = 6310 feet to 6430 feet (60 holes)	Frac Stage 3- 1500 gals of 15% HCl acid, 15,057 gals of Delta frac 140-R gel, 38,931 gals of 20# Delta Frac 140R carrying 78,919# of Premium White 16/30 sand at .5/1.0/2.0/3.04.0 ppg concentrations tailed with 7009 gals of 20# Delta Frac 140-R gel carrying 31,634# of CRC 16/30 sand at 5.0 ppg. Flushed to bottom perf. ISIP - 339 5/10/15 min SIPs - 255/236/221 psig. Total load to recover this stage - 87,308 gals (2078 bbls) Avg Treat/ Max Treat psi - 2220/2602 psig Avg Treat rate/Max Treat rate - 79.9/82 BPM Total Prop - 110,814 lbs.
Stage 4 = 5920 feet to 6014 feet (60 holes)	Frac Stage 4 - 1500 gals of 15% HCl acid, 14,980 gals of Delta frac 140-R gel, 38,555 gals of 20# Delta Frac 140R carrying 77,032# of Premium White 16/30 sand at .5/1.0/2.0/3.04.0 ppg concentrations tailed with 8336 gals of 20# Delta Frac 140-R gel carrying 37,802# of CRC 16/30 sand at 5.0 ppg. Flushed to bottom perf. ISIP - 318 5/10/15 min SIPs - 278/267/260 psig. Total load to recover this stage - 77,217 gals (1838 bbls) Avg Treat/ Max Treat psi - 2806/4200 psig Avg Treat rate/Max Treat rate - 79.9/81 BPM Total Prop - 114,889 lbs.
Stage 5 = 5496 feet to 5790 feet (100 holes)	Frac Stage 5 - 1500 gals of 15% HCl acid, 19,4470 gals of Delta frac 140-R gel, 44,832 gals of 20# Delta Frac 140R carrying 86,118 of Premium White 16/30 sand at .5/1.0/2.0/3.04.0 ppg concentrations tailed with 10,726 gals of 20# Delta Frac 140-R gel carrying 49,670# of CRC 16/30 sand at 5.0 ppg. Flushed to bottom perf. ISIP - 358 5/10/15 min SIPs - 324/307/296 psig. Total load to recover this stage - 91,417 gals (2177 bbls) Avg Treat/ Max Treat psi - 1521/4200 psig Avg Treat rate/Max Treat rate - 77.9/81 BPM Total Prop - 136,011 lbs.