

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No NMNM102036
2. Name of Operator RKI EXPLORATION & PROD LLC		6. If Indian, Allottee or Tribe Name
Contact CHARLES K AHN E-Mail: cahn@rkixp.com		7. If Unit or CA/Agreement, Name and/or No
3a. Address 3817 NW EXPRESSWAY SUITE 950 OKLAHOMA CITY, OK 73112	3b. Phone No. (include area code) Ph: 405-996-5771 Fx: 405-996-5746	8. Well Name and No. RDX FEDERAL 15 14
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T26S R30E NESE 2310FSL 990FEL		9. API Well No 30-015-39935-00-X1
		10. Field and Pool, or Exploratory BRUSHY DRAW
		11. County or Parish, and State EDDY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

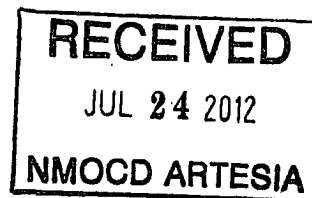
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Completion Activities commenced on 6/06/2012. Drilled out DV tool at 5005 feet. Ran CBL/GR/CCL surveys from PBTD (7585 feet) to surface. Estimated TOC at 3068 feet.

**Fracturing Stages**

Stage 1 - 7258 feet to 7342 feet (28 holes): pumped 8830 gals of slick water, bull head 1500 gals of 15% HCL acid, (BRK press 2848)49068 gals of Delta Frac 140-R(11) w/ 57116 lbs of Premium White 16/30 proppant in 0.5/1/2/3 ppg tailed with 5383 gals of DF 140-R(11)w/17017 lbs of CRC 16/30 proppant at 4 ppg. Flushed to bottom perf.

Stage 2 - 6804 feet to 6976 feet (54 holes): pumped 8011 gals of slick water, bull head 1566 gals of 15% HCL acid, (BRK 895)69052 gals of Delta Frac 140 - R w/ 100707 lbs of Premium White 16/30



Accepted 8/3/12  
Accepted for record  
NMOCD

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #142789 verified by the BLM Well Information System</b> <b>For RKI EXPLORATION &amp; PROD LLC, sent to the Carlsbad</b> <b>Committed to AFMSS for processing by DEBORAH MCKINNEY on 07/13/2012 (12DLM1274SE)</b>	
Name (Printed/Typed) CHARLES K AHN	Title HS&E/REGULATORY MANAGER
Signature (Electronic Submission)	Date 07/12/2012

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISOR EPS	Date 07/22/2012
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon		Office Carlsbad

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

## **Additional data for EC transaction #142789 that would not fit on the form**

### **32. Additional remarks, continued**

proppant in 0.5/1/2/3/4 ppg tailed with 8660 gals of DF 140 - R w/ 42051 lbs of CRC 16/30 proppant at 5 ppg. Flushed to bottom perf.

Stage 3 - 6510 feet to 6676 feet (50 holes): pumped 7386 gals of slick water, bull head 1636 gals of 15% HCL acid, (BRK 895)54355 gals of Delta Frac 140 - R w/ 79662 lbs of Premium White 16/30 proppant in 0.5/1/2/3/4 ppg tailed with 7117 gals of DF 140 - R w/ 31131 lbs of CRC 16/30 proppant at 5 ppg. Flushed to bottom perf.

Stage 4 - 6088 feet to 6316 feet (56 holes): pumped 7171 gals of slick water, bull head 1500 gals of 15% HCL acid, (BRK 2104)69189 gals of Delta Frac 140 - R w/ 101716 lbs of Premium White 16/30 proppant in 0.5/1/2/3/4 ppg tailed with 9592 gals of DF 140 - R w/ 40730 lbs of CRC 16/30 proppant at 5 ppg. Flushed to bottom perf.

Stage 5 - 5774 feet to 5948 feet (50 holes): pumped 7090 gals of slick water, bull head 1495 gals of 15% HCL acid, (BRK 2187)52846 gals of Delta Frac 140 - R w/ 79739 lbs of Premium White 16/30 proppant in 0.5/1/2/3/4 ppg tailed with 8758 gals of DF 140 - R w/ 34371 lbs of CRC 16/30 proppant at 5 ppg. Flushed to bottom perf.

Tied into ESP and produced well.