

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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		8. Well Name and No. RDX FEDERAL 15 16	
2. Name of Operator RKI EXPLORATION & PROD LLC		Contact: CHARLES K AHN E-Mail: cahn@rkixp.com	9. API Well No. 30-015-39944-00-S1
3a. Address 3817 NW EXPRESSWAY SUITE 950 OKLAHOMA CITY, OK 73112	3b. Phone No. (include area code) Ph: 405-996-5771 Fx: 405-996-5772		10. Field and Pool, or Exploratory BRUSHY DRAW
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T26S R30E NENE 990FNL 330FEL		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 recomplete 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 recompletion 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.)

Started completion activities on 9/21/2012. Drilled out DV tool at 5525 feet. Continue in hole to tag PBTD at 7540 feet.

On 9/22/12, Placed 1000 psi on well - ran CBL/GR/CCL to surface. Estimated TOC at 3186 feet. Correlated to HES Dual Spaced Spectral Density log dated 8/29/12.

Fracturing Data

perf STG 1, 7178 feet to 7402 feet - pumped 18143 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure of 1603 psi) 70229 gallons of Delta Frac 140- R(11) w/ 101107 lb Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 9715 gallons of DF 140-R(11) w/ 35950 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gallons of acid over next perfs.



14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #162006 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 12/11/2012 (13KMS4103SE)**

Name (Printed/Typed) CHARLES K AHN	Title HS&E/REGULATORY MANAGER
Signature (Electronic Submission)	Date 12/07/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 03/16/2013
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 #162006 that would not fit on the form

32. Additional remarks, continued

Perf STG 2, 6814 feet to 7024 feet (58 holes) pumped 15684 gallons of slick water, bull head 1500 gallons of 15% HCL acid (BRK pressure 2865 psi), 71206 gallons of Delta Frac 140-R(11) w/ 101204 lbs of Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 29740 gallons of DF 140-R(11) w/ 43530 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gallons of acid over next perfs.

perf STG 3, 6553 feet to 6725 feet (42 holes), pumped 12344 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure of 4257 psi) 51914 gallons of Delta Frac 140-R(11) w/ 80350 lbs Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 7905 gallons of DF 140-R(11) w/ 31065 lb of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gal acid over next perfs.

perf STG 4, 6090 feet to 6356 feet (48 holes), pumped 14961 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure of 1774 psi) 66861 gallons of Delta Frac 140- R(11) w/ 100100 lbs Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 9166 gallons of DF 140-R(11) w/ 36263 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gallons of acid over next perfs.

perf STG 5, 5790 feet to 5973 feet (40 holes), pumped 14256 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure of 2296 psi) 48781 gallons of Delta Frac 140- R(11) w/ 64325 lbs Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 12643 gallons of DF 140-R(11) w/ 44470 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf.

TLR = 463,104 gallons, Total prop = 638,463 lbs

Tied into ESP and produced well.