

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. NMNM101110
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: 405-996-5772	8. Well Name and No. RDX FEDERAL 17 8
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T26S R30E NENW 990FNL 1650FWL		9. API Well No. 30-015-39938-00-S1
		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	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

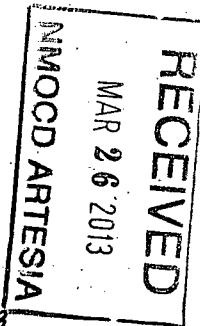
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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 9/07/2012. Drilled out DV tool at 5490 feet. Continue in hole to tag PBTD at 7349 feet.

On 9/08/2012, ran CBL log under 1000 psi from PBTD @ 7398 feet to surface. TOC @ 2790 feet.

Fracturing Data

Perf stage 1: 6857 feet to 7095 feet (44 holes) - Pumped 18241 gallons of slick water, bull head 1500 gallons of 15% HCL acid (brk pressure - 2668 psi). Diverted with 70 bio ball sealers. no ball out. 54431 gallons of Delta Frac 140 - R(11) gel w/ 81287 lbs of Premium White 16/30 sand in .5/1.0/2.0/3.0/4.0 ppg concentrations tailed with 10782 gallons of Delta Frac 140 - R(11) gel w/ 33721 lbs of CRC 16/30 sand in 5 ppg concentration, Flush to bottom perf spotting 500 gallons of



Accepted for record
3/27/13

14. I hereby certify that the foregoing is true and correct.		Electronic Submission #162035 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 12/13/2012 (13KMS4119SE)	
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 03/23/2013
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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #162035 that would not fit on the form

32. Additional remarks, continued

15% HCL acid over next perf interval.

Perf stage 2: 6518 feet to 6748 feet (48 holes) - pumped 17339 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure 1243 psi) 54332 gallons of Delta Frac 140- R(11) w/ 78480 lbs Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 9797 gallons of DF 140-R(11) w/ 32138 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gallons acid over next perfs.

Perf STG 3: 6274 feet to 6391 feet (34 holes) - pumped 16901 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK press 1317 psi) 54771 gallons of Delta Frac 140-R(11) w/ 80392 lbs Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 8989 gallons of DF 140-R(11) w/ 31709 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gallons acid over next perfs.

perf STG 4 6090 feet to 6122 feet (24 holes) - pumped 11743 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure 1700 psi) 34688 gallons of Delta Frac 140-R(11) w/ 40052 lbs Premium White 16/30 prop in 0.5/1/2/3 ppg tailed with 5734 gallons of DF 140-R(11) w/ 10162 lbs of CRC 16/30 prop at 4 ppg. Flushed to bottom perf, spotting 500 gallons acid over next perfs.

perf STG 5: 5857 feet to 5972 feet (36 holes)- Pumped 13284 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure 1158 psi) 54131 gallons of Delta Frac 140- R(11) w/ 79976 lbs Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 8902 gallons of DF 140-R(11) w/ 79976 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gal acid over next perfs.

perf STG 6: 5448 feet to 5726 feet (44 holes) - pumped 14980 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure 1810 psi) 50045 gallons of Delta Frac 140- R(11) w/ 82279 lbs Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 7539 gallons of DF 140-R(11) w/ 32925 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf,

TLR = 455630 gallons, Total proppant = 615222 lbs.

Tied into ESP and produced well.