

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		8. Well Name and No. RDX FEDERAL 10 3
2. Name of Operator RKI EXPLORATION & PROD LLC		9. API Well No. 30-015-40870-00-S1
3a. Address 210 PARK AVE SUITE 900 OKLAHOMA CITY, OK 73102		10. Field and Pool, or Exploratory BRUSHY DRAW UNKNOWN
3b. Phone No. (include area code) Ph: 405-996-5775 Fx: 405-996-5772		11. County or Parish, and State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T26S R30E SWSE 1090FSL 2310FEL		

## 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	

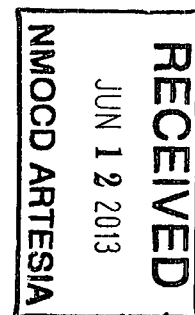
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical 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 recompleation 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 1/11/2013. Drilled out DV tool at 5435' feet. Continue in hole and tag PBTD @ 7550'feet.

Placed 1000 psi on well. Ran CBL/GR/CCL to surface. Estimated TOC at 3174' feet.

## Fracturing Data:

Perf STG 1 from 7131'-7364' feet (52 holes) 162 Zone as follows, pumped 11431 gals of slick water, bull head 1500 gal of 15% HCL acid, (BRK press 2942) 52251 gal of Delta Frac 140- 20# w/ 80137 lb Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 9303 gal of DF 140- 20# w/ 32604 lb of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gal acid over next perms, ISIP 268, 5/10/15 min sip ? 198/182/173, F.G. .47, Avg rate 79.2 bpm, Max rate 80.6 bpm, MTP 4766, ATP 3448,



Accepted for record  
NMOC D

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #208726 verified by the BLM Well Information System For RKI EXPLORATION &amp; PROD LLC, sent to the Carlsbad Committed to AFMSS for processing by JOHNNY DICKERSON on 05/31/2013 (13JLD0893SE)</b>	
Name (Printed/Typed) ROBYN L LAMPLEY	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/28/2013

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISOR EPS	Date 06/08/2013
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 #208726 that would not fit on the form

### 32. Additional remarks, continued

80 bio balls, 6280 psi ball out. Total prop 112741, TLR 85206 gal.

Perf STG 2 from 6772'-6992' feet (60 hole) Test lines to 7500#. Pump STG 2, pumped 8748 gals of slick water, bull head 1500 gal of 15% HCL acid, (BRK press 879) 54344 gal of Delta Frac 140 #20 w/ 79441 lb Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 8461 gal of Delta Frac 140 #20 w/ 32291 lb of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gal acid over next perfs, ISIP 544, 5/10/15 min sip ? 388/356/340, F.G. .52, Avg rate 78.9 bpm, Max rate 88.8 bpm, MTP 5213, ATP 3430, 90 bio balls, 5546 psi ball out. Total prop 111732, TLR 78960 gal.

Perf STG 3 from 6508'-6680' feet (58 hole) Test lines to 7500#. Pump STG 3, pumped 9332 gals of slick water, bull head 1500 gal of 15% HCL acid, (BRK press 2026) 53524 gal of Delta Frac 140 20# w/ 79702 lb Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 9017 gal of Delta Frac 140 20# w/ 32434 lb of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, ISIP 485, 5/10/15 min sip ? 403/379/362, F.G. .51, Avg rate 80.2 bpm, Max rate 96.1 bpm, MTP 4615, ATP 3105, 80 bio balls, No ball action. Total prop 112136, TLR 79000 gal

Perf STG 4 from 6250-6386' feet (44 hole) Test lines to 7500#. Pumped 9932 gals of slick water, bull head 1500 gal of 15% HCL acid, (BRK press 1926) 53706 gal of Delta Frac 140 20# w/ 79587 lb Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 8510 gal of DF 140 20# w/ 32192 lb of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gal acid over next perfs, ISIP 409, 5/10/15 min sip ? 321/305/299, F.G. .51, , Avg rate 79.5 bpm, Max rate 81.1 bpm, MTP 4365, ATP 2913, 50 bioballs 5062psi ball out. Total prop 111779, TLR 79123 gal.

Perf STG 5 from 6099-6170' feet (36 hole) Test lines to 7500#. Pump STG 5, , pumped 8475 gals of slick water, bull head 1500 gal of 15% HCL acid, (BRK press 1508) 54028 gal of Delta Frac 140 20# w/ 80339 lb Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 8504 gal of Delta Frac 140 20# w/ 32881 lb of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, ISIP 441, 5/10/15 min sip ? 351/332/325, F.G. .51, Avg rate 79.1 bpm, Max rate 79.9 bpm, MTP 3075, ATP 2512, 30 bio balls, 1068 psi ball out. , Total prop 113219, TLR 77689 gal.

Perf STG 6 from 5764-5984' feet (46 hole) pumped 14130 gals of slick water, bull head 1500 gal of 15% HCL acid, (BRK press 1903) 54622 gal of Delta Frac 140 20# w/ 81774 lb Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 13245 gal of Delta Frac 140 20# w/ 33079 lb of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, ISIP 480, 5/10/15 min sip ? 347/332/324, F.G. .52, Avg rate 79.5 bpm, Max rate 81.4 bpm, MTP 3214, ATP 2284, 80 bio balls, 3722 psi ball out.

Total prop 114853, TLR 83497 gal.

Tied into ESP and produced well.