

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.*

*OCD - Artesia*  
FORM APPROVED  
OMB NO 1004-0135  
Expires: July 31, 2010

**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. NMNM102917
2. Name of Operator RKI EXPLORTION AND PRODUCTION		6. If Indian, Allottee or Tribe Name
Contact BILL AUBREY E-Mail: baubrey@rkixp.com		7. If Unit or CA/Agreement, Name and/or No
3a. Address 3817 NW EXPRESSWAY STE 950 OKLAHOMA CITY, OK 73112	3b. Phone No. (include area code) Ph: 405-996-5750	8. Well Name and No. RDX FED 21 13
4. Location of Well (Footage, Sec., T, R, M, or Survey Description) Sec 21 T26S R30E NWNE Lot B 500FNL 2200FEL		9. API Well No. 30-015-37781-00-S1
		10. Field and Pool, or Exploratory UNDESIGNATED UNKNOWN
		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	

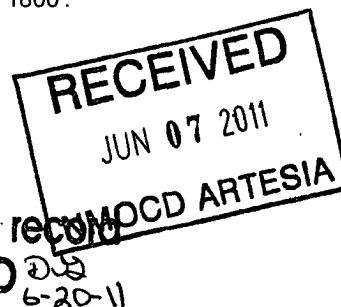
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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.)

Commenced completions operations on 2-15-11. Drilled out DV tool @4946" and cleaned out to 7204' (float collar depth). Rigged up wire line unit and ran cement bond log and found TOC at 1800'.

Stage 1: Perforated 7029'-53' = 20 Holes.  
Acidized w/3318 gal 15% HCL.  
Fracture stimulated with 42,252 Gal. of Frac Fluid, 58,475# of sand.

Stage 2: Perforated 6807'-14' = 21 Holes.  
Acidized w/2688 gal 15% HCL.  
Fracture stimulated with 45,360 Gal. of Frac Fluid, 66,586# of sand.

Stage 3: Perforated 6810'-58' = 26 Holes.



Accepted for recom  
NMOC D  
6-20-11

14. I hereby certify that the foregoing is true and correct Electronic Submission #108628 verified by the BLM Well Information System For RKI EXPLORTION AND PRODUCTION, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 05/19/2011 (11KMS1714SE)	
Name (Printed/Typed) BILL AUBREY	Title OPERATIONS
Signature (Electronic Submission)	Date 05/18/2011

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

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISOR EPS	Date 05/29/2011
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 #108628 that would not fit on the form**

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

Acidized w/3318 gal 15% HCL.  
Fracture stimulated with 58,590 Gal. of Frac Fluid, 97,415# of sand.

Stage 4: Perforated 6546'-6627'= 46 Holes.  
Acidized w/1680 gal 15% HCL.  
Fracture stimulated with 56,910 Gal. of Frac Fluid, 101,943# of sand.

Stage 5: Perforated 6316-40'= 20 Holes.  
Acidized w/1680 gal 15% HCL.  
Fracture stimulated with 39,480 Gal. of Frac Fluid, 51,362# of sand.

Stage 6: Perforated 6115-22'= 42 Holes.  
Acidized w/1680 gal 15% HCL.  
Fracture stimulated with 37,338 Gal. of Frac Fluid, 50,105# of sand.

Stage 7: Perforated 5886-5990'= 46 Holes.  
Acidized w/1680 gal 15% HCL.  
Fracture stimulated with 81,648 Gal. of Frac Fluid, 150,051# of sand.

Stage 8: Perforated 5708-76'= 46 Holes.  
Acidized w/1680 gal 15% HCL.  
Fracture stimulated with 37,170 Gal. of Frac Fluid, 59,377# of sand.

Stage 9: Perforated 5608-76'= 24 Holes.  
Acidized w/3360 gal 15% HCL.  
Fracture stimulated with 40,992 Gal. of Frac Fluid, 58,762# of sand.

All shots 21.5 grm charges.

Installed pump and test produced well.