

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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		5. Lease Serial No. NMNM100558
2. Name of Operator RKI EXPLORATION & PROD LLC		6. If Indian, Allottee or Tribe Name
3a. Address 3817 NW EXPRESSWAY SUITE 950 OKLAHOMA CITY, OK 73112		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 405-996-5771 Fx: 405-996-5772		8. Well Name and No. RDX FEDERAL 9 2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T26S R30E NESE 2310FSL 990FEL		9. API Well No. 30-015-40178-00-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	

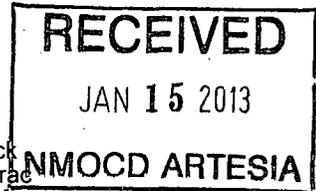
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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 11/08/2012. Drilled out DV tool at 5518 feet. Continue in hole and tag PBTD at 7500 feet.

Placed 1000 psi on well. Ran CBL/GR/CCL to surface. Estimated TOC at 2586 feet.

Fracturing Data

Perf STG 1 from 7067 feet to 7253 feet (44 holes) Test lines to 7500#. pumped 7106 gallons of slick water, bull head 1500 gallons of 15% HCL acid (BRK pressure 1733 psi), 70462 gallons of Delta Frac 140- R(11) w/ 101413 lbs Premium White 16/30 prop.in 0.5/1/2/3/4 ppg tailed with 11757 gallons of DF 140-R(11) w/ 45388 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gallons acid over next perfs.



Accepted for record  
NMOCD  
1/15/13

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

Electronic Submission #175308 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 01/04/2013 (13KMS4324SE)

Name (Printed/Typed) CHARLES K AHN	Title HS&E/REGULATORY MANAGER
Signature (Electronic Submission)	Date 01/02/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISOR EPS	Date 01/13/2013
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 #175308 that would not fit on the form**

**32. Additional remarks, continued**

Perf STG 2 from 6380 feet to 6926 feet (58 holes). Test lines to 7500#. pumped 7974 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure 1305 psi) 50134 gallons of Delta Frac 140- R(11) w/ 56463 lbs Premium White 16/30 prop in 0.5/1/2/3 ppg tailed with 8662 gallons of DF 140-R(11) w/ 27759 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gallons acid over next perfs,

perf STG 3 from 6537 feet to 6774 feet (60 holes) - Test lines to 7500#. pumped 9826 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure 3344 psi) 69216 gallons of Delta Frac 140- R(11) w/ 97723 lbs Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 10631 gallons of DF 140-R(11) w/ 43551 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gallon acid over next perfs,

perf STG 4 from 6413 feet to 6454 feet (26 holes) -Test lines to 7500#. pumped 7132 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure 1840 psi) 48657 gallons of Delta Frac 140- R(11) w/ 56863 lbs Premium White 16/30 prop in 0.5/1/2/3 ppg tailed with 7369 gallons of DF 140-R(11) w/ 22753 lb of CRC 16/30 prop at 4 ppg. Flushed to bottom perf, spotting 500 gallons acid over next perfs.

Perf STG 5 from 5994 feet to 6200 feet (46 holes) - Test lines to 7500#. pumped 6771 gals of slick water, bull head 1500 gallons of 15% HCL acid (BRK pressure 1180 psi) 69552 gallons of Delta Frac 140- R(11) w/ 102477 lbs Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 10676 gallons of Delta Frac 140-R(11) w/ 44553 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gallons acid over next perfs,

Perf STG 6 from 5714 feet to 5878 feet (40 holes) - Test lines to 7500#. pumped 6441 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK pressure 2276 psi) 51639 gallons of Delta Frac 140- R(11) w/ 80765 lbs Premium White 16/30 prop in 0.5/1/2/3/4 ppg tailed with 13079 gallons of Delta Frac 140-R(11) w/ 61716 lbs of CRC 16/30 prop at 5 ppg. Flushed to bottom perf, spotting 500 gal acid over next perfs,

TLR = 521614 gallons, Total proppant = 739160 lbs.

Tied into ESP and produced well.