

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
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 15 12
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T26S R30E NWNE 530FNL 2310FEL 32.048620 N Lat, 103.867977 W Lon		9. API Well No. 30-015-37094-00-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**

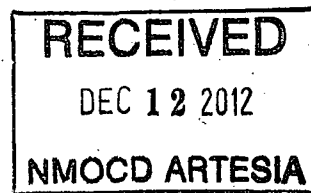
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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
	<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.)

Commenced completion activities on 8/16/2012. Drilled out DV tool at 5502 feet. Continue in hole to tag PBTD at 7576 feet. On 8/21/2012, placed 1000 psi on well. Ran CBL/GR/CCL to surface. Estimate TOC @ 2695 feet. Correlate to HES dual spaced spectral density log dated 7/31/2012.

**Fracturing Data**

Perf stage 1, 7139 feet to 7360 feet (48 shots). Pump 27893 gallons of slick water, bull head 1500 gallons of 15% HCL acid (brk pres - 3207), Diverted with 70 bio ball sealers. Total ball out. 53863 gallons of Delta Frac 140 - R(11) gel w/ 77872 lbs of Premium White 16/30 sand in .5/1.0/2.0/3.0/4.0 ppg concentrations tailed with 9320 gallons of Delta Frac 140 - R(11) gel w/ 31225 lbs of CRC 16/30 sand in 5 ppg concentration, Flush to bottom perf spotting 500 gallons of 15% HCL acid over next perf interval.



*Accepted for record*  
12/13/12  
NMOC D

14. Thereby certify that the foregoing is true and correct. <b>Electronic Submission #161328 verified by the BLM Well Information System</b> <b>For RKI EXPLORATION &amp; PROD LLC, sent to the Carlsbad</b> <b>Committed to AFMSS for processing by KURT SIMMONS on 11/29/2012 (13KMS4008SE)</b>	
Name (Printed/Typed) CHARLES K AHN	Title HS&E/REGULATORY MANAGER
Signature (Electronic Submission)	Date 11/29/2012

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

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISOR EPS	Date 12/10/2012
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 #161328 that would not fit on the form**

**32. Additional remarks, continued**

Perf stage 2: 6759 feet to 6970 feet (50 shots). Pump 9307 gallons of slick water, bull head 1500 gallons of 15% HCL acid ( brk pres - 3227 ), Diverted with 70 bio ball sealers, no ball out. 53600 gallons of Delta Frac 140 - R(11) gel w/ 78341 lbs of Premium White 16/30 sand in .5/1.0/2.0/3.0/4.0 ppg concentrations tailed with 8134 gallons of Delta Frac 140 - R(11) gel w/ 30039 lb of CRC 16/30 sand in 5 ppg concentration, Flush to bottom perf spotting 500 gallons of 15% HCL acid over next perf interval.

Perf stage 3: Kingrea/Tide, 6498 feet to 6668 feet (52 shots): Pump 9640 gallons of slick water, bull head 1500 gallons of 15% HCL acid ( brk pres - 5220 ), Diverted with 70 bio ball sealers, total ball out. 53968 gallons of Delta Frac 140 - R(11) gel w/ 80140 lbs of Premium White 16/30 sand in .5/1.0/2.0/3.0/4.0 ppg concentrations tailed with 9836 gallons of Delta Frac 140 - R(11) gel w/ 31281 lbs of CRC 16/30 sand in 5 ppg concentration, Flush to bottom perf spotting 500 gallons of 15% HCL acid over next perf interval.

perf stage 4: 6092 feet to 6360 feet (52 shots). Pump 8425 gallons of slick water, bull head 1500 gallons of 15% HCL acid ( brk pres - 1468 ), Diverted with 70 bio ball sealers, total ball out. 54079 gallons of Delta Frac 140 - R(11) gel w/ 79256 lbs of Premium White 16/30 sand in .5/1.0/2.0/3.0/4.0 ppg concentrations tailed with 9103 gallons of Delta Frac 140 - R(11) gel w/ 33405 lbs of CRC 16/30 sand in 5 ppg concentration, Flush to bottom perf spotting 500 gallons of 15% HCL acid over next perf interval

perf stage 5: 5746 feet to 5979 feet (42 shots) Pump 16552 gallons of slick water, bull head 1500 gallons of 15% HCL acid ( brk pres - 1236 ), Diverted with 60 bio ball sealers, no ball out. 63921 gallons of Delta Frac 140 - R(11) gel w/ 100621 lbs of Premium White 16/30 sand in .5/1.0/2.0/3.0/4.0 ppg concentrations tailed with 7276 gallons of Delta Frac 140 - R(11) gel w/ 30556 lbs of CRC 16/30 sand in 5 ppg concentration, Flush to bottom perf.

TLR = 425,825 gallons, Total sand = 591,780 lbs.

Tied into ESP and produced well.