

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. NMNM102917
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: 405-996-5746	8. Well Name and No. RDX FEDERAL 21 34
4. Location of Well (Footage, Sec., T, R, M., or Survey Description) Sec 21 T26S R30E NESE 2310FSL 990FEL		9. API Well No. 30-015-39941-00-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

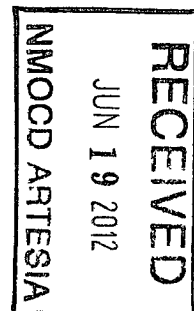
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/>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

Completion commenced on 4/04/2012. Drill out DV tool at 5028 feet. Continue in hole to PBTD at 7376 feet.

Rigged up wireline unit and ran cement bond log on 4/13/2012. Applied 1000 psig to casing. TUH logging to surface - Estimated TOC at 2410 feet.

Stage 1 = 6843 feet to 7116 feet (48 holes): Start on pad - break down occurred at 2909 psig, 7629 gals of Slick Water, 1500 gallons of double inhibited 15% HCl acid followed by 70,267 gals of Delat Frac 140 - R(11) carrying 101,563 lbs of 16/30 Premium White sand in .5/1.0/2.0/3.0/4.0 concentrations, tailed with 10,987 gal of Water Frac G - R(11) XL carrying 40,756 lbs of CRC-16/30 in 5.0 ppg conc. flushed to bottom perf. ISIP - 543 psig 5/10/15 min SIPs - 447/410/394 psig. Placed 142,319# sand, LTR - 2319 bbls, Avg rate/psi - 78/2014, Ending FG - .51psi/ft



14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #139268 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 06/14/2012 (12KMS2287SE)	
Name (Printed/Typed) CHARLES K AHN	Title HS&E/REGULATORY MANAGER
Signature (Electronic Submission)	Date 05/30/2012
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	

ACCEPTED		JAMES A AMOS Title SUPERVISOR EPS	Date 06/16/2012
Approved By		Office Carlsbad	

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.

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 #139268 that would not fit on the form

32. Additional remarks, continued

Stage 2 = 6711 feet to 6758 feet (30 holes): Start on pad - break down occurred at 2106 psig, 7053 gals of Slick Water, 1500 gallons of double inhibited 15% HCl acid followed by 53,332 gals of Delat Frac 140 - R(11) carrying 84,375 lbs of 16/30 Premium White sand in .5/1.0/2.0/3.0/4.0 concentrations, tailed with 7757 gal of Water Frac G - R(11) XL carrying 34,166 lbs of CRC-16/30 in 5.0 ppg conc. flushed to bottom perf. ISIP - 676 psig 5/10/15 min SIPs - 548/504/486 psig. Placed 118,605# sand, LTR-1832 bbls, Avg rate/psi-59/2103, End FG-.53 psi/ft

Stage 3 = 6503 feet to 6654 feet (60 holes): Start on pad - break down occurred at 1932 psig, 8185 gals of Slick Water, 1500 gallons of double inhibited 15% HCl acid followed by 68,921 gals of Delat Frac 140 - R(11) carrying 104,912 lbs of 16/30 Premium White sand in .5/1.0/2.0/3.0/4.0 concentrations, tailed with 10,125 gal of Water Frac G - R(11) XL carrying 45,468 lbs of CRC-16/30 in 5.0 ppg conc. flushed to bottom perf. ISIP - 602 psig 5/10/15 min SIPs - 473/438/417 psig. Placed 150,279# sand, LTR-2408 bbls, Avg rate/psi - 79/2308, End FG - .52

Stage 4 = 6316 feet to 6450 feet (40 holes): Start on pad - break down occurred at 1052 psig, 6996 gals of Slick Water, 1500 gallons of double inhibited 15% HCl acid followed by 53,803 gals of Delat Frac 140 - R(11) carrying 83,260 lbs of 16/30 Premium White sand in .5/1.0/2.0/3.0/4.0 concentrations, tailed with 7593 gal of Water Frac G - R(11) XL carrying 34,030 lbs of CRC-16/30 in 5.0 ppg conc. Flushed to bottom perf. ISIP - 527 psig 5/10/15 min SIPs - 399/376/417 psig. Placed 117,067# sand, LTR-1856 bbls, Avg rate/psig - 78/3174, FG - .52

Stage 5 = 5886 feet to 6092 feet (44 holes): Start on pad - break down occurred at 2787 psig, 7528 gals of Slick Water, 1500 gallons of double inhibited 15% HCl acid followed by 69,214 gals of Delat Frac 140 - R(11) carrying 110,151 lbs of 16/30 Premium White sand in .5/1.0/2.0/3.0/4.0 concentrations, tailed with 9545 gal of Water Frac G - R(11) XL carrying 47,571 lbs of CRC-16/30 in 5.0 ppg conc. flushed to bottom perf. ISIP - 425 psig 5/10/15 min SIPs - 359/336/327 psig. Placed 157,722# sand, LTR-2234 bbls, Avg rate/psi - 79/2161, End FG - .50

Stage 6 = 5582 feet to 5753 feet (43 holes): Start on pad - break down occurred at 1170 psig, 12,243 gals of Slick Water, 1500 gallons of double inhibited 15% HCl acid followed by 70,986 gals of Delat Frac 140 - R(11) carrying 116,279 lbs of 16/30 Premium White sand in .5/1.0/2.0/3.0/4.0 concentrations, tailed with 10,390 gal of Water Frac G - R(11) XL carrying 46,869 lbs of CRC-16/30 in 5.0 ppg conc. flushed to bottom perf. ISIP - 511 psig 5/10/15 min SIPs - 401/367/353 psig. Placed 163,148# sand, LTR-2265 bbls, Avg rate/psig - 79/2512, FG - .52

TIED INTO ESP AND PRODUCED WELL.