

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

AUG 22 2012

SUNDRY NOTICES AND REPORTS ON WELLS  
Do not use this form for proposals to drill or to re-enter an  
NMOCD Artesia Use form 3160-3 (APD) for such proposals.5. Lease Serial No  
NMNM100558

6. If Indian, Allottee or Tribe Name

7. If Unit or C/A Agreement, Name and/or No

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No  
RDX FEDERAL 15 16

2. Name of Operator

RKI EXPLORATION &amp; PROD LLC

Contact: CHARLES K AHN

E-Mail: cahn@rkixp.com

9. API Well No  
30-015-39944-00-X1

3a. Address

3817 NW EXPRESSWAY SUITE 950  
OKLAHOMA CITY, OK 73112

3b. Phone No (include area code)

Ph: 405-996-5771

Fx: 405-949-2223

10. Field and Pool, or Exploratory  
BRUSHY DRAW

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 15 T26S R30E NENE 990FNL 330FEL

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 checked="" 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 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 recompleat 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.)

RKI NEEDS TO CHANGE THE PRODUCTION CASING HOLE SIZE FROM 8-3/4 INCH TO 7-7/8 INCH AS FOLLOWS:

Production Casing Hole Size. 7-7/8 inch hole

Pipe OD: 5-1/2 inch

Setting Depth. 7,500 ft

Excess Annular Volume: 35%

Total Annular Volume: 745 cubic feet

With Excess: 1,006 cubic feet

DV Tool Depth. 5,000 ft

The minimum required fill of cement behind the 5-1/2 inch production casing is:

a. First stage to DV tool:

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

b. Second stage above DV tool.

☒ Cement should tie-back at least 200 feet into previous casing string. Operator shall provide method of verification.

Cementing

Accepted for record

NMOCD 1058/23/12

14. Thereby certify that the foregoing is true and correct

Electronic Submission #146043 verified by the BLM Well Information System

For RKI EXPLORATION &amp; PROD LLC, sent to the Carlsbad

Committed to AFMSS for processing by WESLEY INGRAM on 08/20/2012 (12WWWI0149SE)

Name (Printed/Typed) CHARLES K AHN

Title EH&amp;S/REGULATORY MANAGER

Signature

(Electronic Submission)

Date 08/16/2012

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS

Title PETROLEUM ENGINEER

Date 08/21/2012

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.

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

**Additional data for EC transaction #146043 that would not fit on the form**

**32. Additional remarks, continued**

**Stage 1**

Lead: 398 sks of PVL + 2% PF174 (expanding agent) + .3% PF167 (Uniflac) + .1% PF65 (dispersant) + 2% PF13 (retarder) + .25 pps PF46 (antifoam) Yield = 1.47cf/sk, Density = 13.0 ppg  
Top of cement: DV tool

**Stage 2**

Lead: 135 sks of 35/65 Poz "C" + 5% PF44 (salt) + 6% PF20 (gel) + .125 pps PF29 (CelloFlake) + .2% PF13 (retarder) + .25 pps PF46 (antifoam). Yield = 2.04 cf/sk, Density = 12.6 ppg  
Tail: 100 sks of PVL + 1 3% PF44 (salt) + 5% PF174 (expander) + .5% FP606 (gel suppressing agent) + .25 pps PF46 (antifoam) + .2% PF13 (retarder). Yield = 1.47 cf/sk, Density = 13.0 ppg  
Top of cement: 3,350 ft