

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.*

5. Lease Serial No.  
NMNM100558

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

8. Well Name and No.  
RDX FEDERAL 10 7

9. API Well No.  
30-015-41577

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
RKI EXPLORATION & PRODUCTION  
Contact: HEATHER BREHM  
E-Mail: hbrehm@rkixp.com

3a. Address  
210 PARK AVE STE 900  
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)  
Ph: 405-996-5769  
Fx: 405-949-2223

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 10 T26S R30E Mer NMP SESE 990FSL 990FEL  
32.052660 N Lat, 103.863640 W Lon

10. Field and Pool, or Exploratory  
BRUSHY DRAW; DELAWARE, EAST

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 Change to Original APD
	<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.)

RKI RESPECTFULLY SEEKS PERMISSION TO DEEPEN THE WELL BY 125' ADJUSTING THIS WELL TO A PROPOSED TVD OF 7675'.

PLEASE REFER TO THE REVISED ATTACHMENT *8/20 8/12/15*  
*Accepted for record*  
*NMOCD*

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
AUG 11 2015  
RECEIVED

*Well already producing*

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

Electronic Submission #285113 verified by the BLM Well Information System  
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 06/15/2013

Name (Printed/Typed) HEATHER BREHM Title REGULATORY ANALYST

Signature (Electronic Submission) Date 12/15/2014

**ACCEPTED FOR RECORD**  
AUG 6 2015  
*D. Ham*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

Approved By \_\_\_\_\_ Title \_\_\_\_\_

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 \_\_\_\_\_

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.

# RKI Exploration Production

## GEOLOGICAL PROGNOSIS PERMIAN

### RDX 10-7

Well Name: RDX Federal 10-7      Location: SHL 990' FSL 990' FEL  
 API #: 30-015-      BHL  
 Field: Ross Draw Delaware West      Legal: Sec 10 -T26S-R30E Eddy Co., NM

Elevation:      GL(ft): 3,145      KB(ft): 3,162      Silver Oak 9 (17)  
 Estimated BHT      130° Fahrenheit      TD: 7,675

FORMATION	DEPTH (TVD)(ft)	SUBSEA(ft)
Lamar	3,629	-467
Base_Lamar	3,654	-492
Bell Canyon	3,680	-518
Cherry Canyon	4,772	-1,610
Topper	5,842	-2,680
Getty	6,077	-2,915
Cougar	6,242	-3,080
Costello	6,355	-3,193
Kingrea	6,503	-3,341
Tide	6,588	-3,426
MWJ	6,769	-3,607
Castle	6,915	-3,753
162	7,095	-3,933
Brushy Canyon B	7,275	-4,113
Brushy Canyon A	7,323	-4,161
Bone Spring	7,513	-4,351
TD	7,675	

Primary Objective(s):      Multiple Delaware zones

#### Wellsite Geology & Mudlogging Program

Mudlogging Start Depth: 325' above the Lamar base

Wellsite Geologist Start Depth: 325' above the Lamar base

Sample interval: 10'

Mudlog report schedule: Twice daily (morning and afternoon)

Wellsite Geologist report schedule: Daily report

Well Site Geologist:

#### Open-Hole Logging Program

Open-hole logging depth: TD

Logging tools/services: Spectral GR (Scale 0-200), Neutron-Density, Laterolog Resistivity

Weatherford Logging

Logging interval: TD to Surface (GR & Neutron-Density), TD to intermediate casing (Resistivity)

Repeat interval: 500'

Log formats to deliver: Las, Tif, Diis, Pdf

Email repeat Tif & LAS files immediately to: carterdw49@gmail.com, groutman@rkixp.com

Email Main-Pass files before rigging down

E-logs Email Distribution List: zwilliams@rkixp.com, groutman@rkixp.com, jallen@rkixp.com, carterdw49@gmail.com

Report Distribution List - Send All Reports To The Following:

groutman@rkixp.com, jallen@rkixp.com, carterdw49@gmail.com, zwilliams@rkixp.com, jacosta@rkixp.com, bumberham@rkixp.com, jnoerdlinger@rkixp.com

#### Geologist:

**George Troutman**

O: (405) 996-5768

C: (720) 227-2740

groutman@rkixp.com

**Darryl Carter**

C: (580) 618-1032

carterdw49@gmail.com

**Jeanne Allen**

O: (405) 987-2166

C: (405) 821-6366

jallen@rkixp.com

#### Engineer:

**Brent Umberham**

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**Matt Holmes**

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mholmes@rkixp.com

#### RIG

**Silver Oak 9**

(832) 408-8326

**Phillip Hughes**

(907) 399-0158

**Charlie McDougal**

(940) 366-1649