

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.
NMNM102917

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 21 1H

9. API Well No.
30-015-40849-00-X1

10. Field and Pool, or Exploratory
UNDESIGNATED

11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **RKI EXPLORATION & PROD LLC** Contact: **CHARLES K AHN**
E-Mail: **cahn@rkixp.com**

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**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 21 T26S R30E SESW 330FSL 1500FWL

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 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	

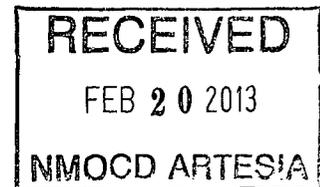
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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.)

RKI needs to change the bottom hole location (BHL) from 330 feet FNL/1500 feet FWL to 330 feet FNL/2245 feet FWL

1650

Accepted for record
NMOCD

TES
2/20/2013



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

**Electronic Submission #199220 verified by the BLM Well Information System
For RKI EXPLORATION & PROD LLC, sent to the Carlsbad
Committed to AFMSS for processing by CHRISTOPHER WALLS on 02/19/2013 (13CRW0100SE)**

Name (Printed/Typed) **CHARLES K AHN**

Title **HS&E/REGULATORY MANAGER**

Signature (Electronic Submission)

Date **02/18/2013**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **CHRISTOPHER WALLS**

Title **PETROLEUM ENGINEER**

Date **02/19/2013**

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.

RKI Exploration & Production

Project: Eddy County (NM83E)
 Site: Sec 21-T26S-R30E
 Well: RDX 21-1H
 Wellbore: Wellbore #1
 Design: 01-29-13



Azimuths to True North
 Magnetic North: 7.52°

Magnetic Field
 Strength: 48322.7snT
 Dip Angle: 59.90°
 Date: 01/27/2013
 Model: IGRF2010

*Wolverine
 Directions*

WELL DETAILS: RDX 21-1H

Ground Level: 0.0
 +N/-S +E/-W Northing Easting Latitude Longitude
 0.0 0.0 371868.98 678737.46 32° 1' 17.663 N 103° 53' 23.959 W
 SHL: 330' FSL / 1500' FWL
 BHL: 330' FNL / 2245' FWL

SECTION DETAILS

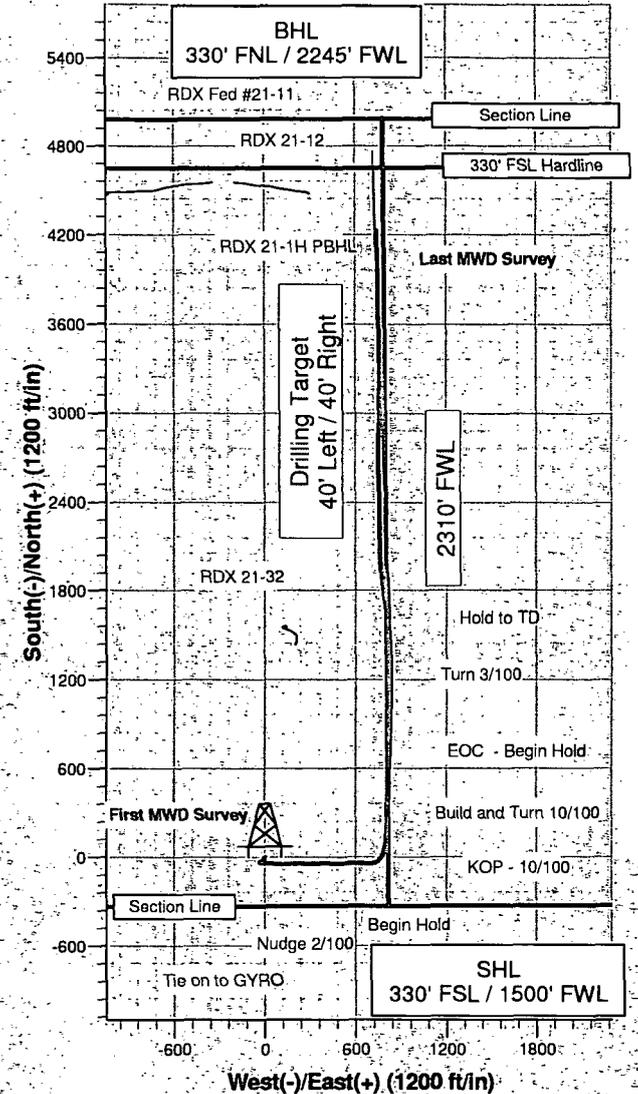
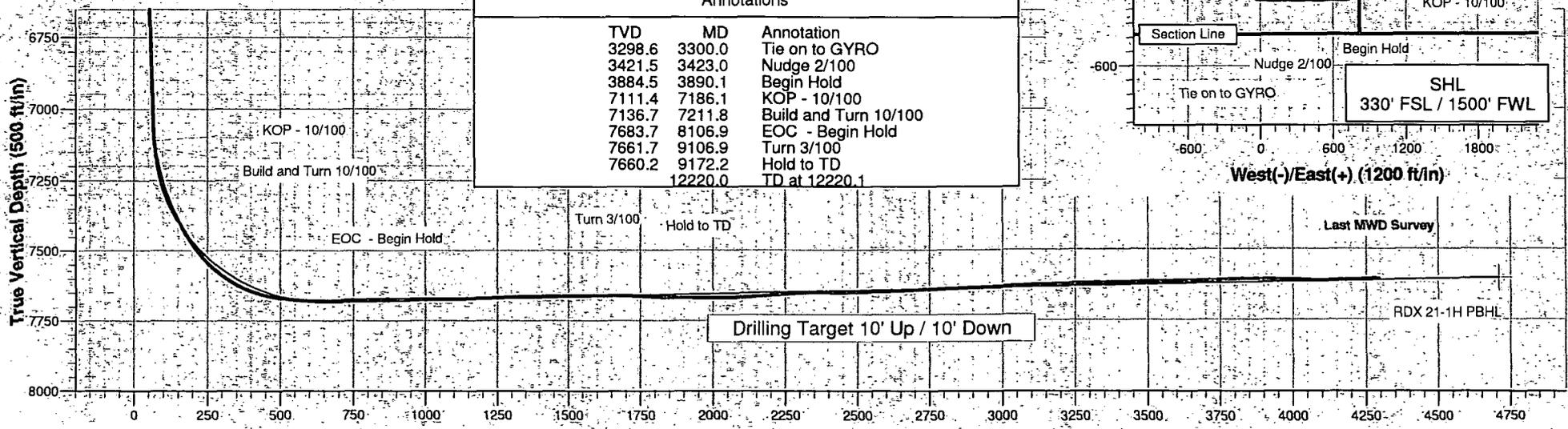
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	3300.0	2.42	95.17	3298.6	-41.0	-12.0	0.00	0.00	-42.3	
2	3423.0	2.42	95.17	3421.5	-41.4	-6.9	0.00	0.00	-42.0	
3	3890.1	11.75	90.00	3884.5	-42.3	50.7	2.00	-6.49	-34.1	
4	7186.1	11.75	90.00	7111.5	-42.3	721.9	0.00	0.00	68.3	
5	7211.8	10.00	80.00	7136.7	-41.9	726.7	10.00	-137.69	69.4	
6	8106.9	91.26	0.00	7683.7	543.2	823.8	10.00	-79.93	662.5	
7	9106.9	91.26	0.00	7661.7	1542.9	823.8	0.00	0.00	1650.6	
8	9172.2	91.27	358.04	7660.2	1608.2	822.7	3.00	-89.69	1714.9	
9	12219.9	90.88	358.04	7603.0	4653.5	718.5	0.01	179.97	4708.6	RDX 21-1H PBHL

PROJECT TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
RDX 21-1H PBHL	7603.0	4653.5	718.5	376525.38	679436.86	Point

Annotations

TVD	MD	Annotation
3298.6	3300.0	Tie on to GYRO
3421.5	3423.0	Nudge 2/100
3884.5	3890.1	Begin Hold
7111.4	7186.1	KOP - 10/100
7136.7	7211.8	Build and Turn 10/100
7683.7	8106.9	EOC - Begin Hold
7661.7	9106.9	Turn 3/100
7660.2	9172.2	Hold to TD
	12220.0	TD at 12220.1



Drilling Target 10' Up / 10' Down

Vertical Section at 97° 50' 45" W