

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTRECEIVED  
NMOCD  
Artesia  
MAY 07 2018  
DISTRICT # ARTESIA O.C.D.FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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 page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM20965
2. Name of Operator RKI EXPLORATION & PRODUCTION Contact: CAITLIN O'HAIR E-Mail: caitlin.ohair@wpenergy.com		6. If Indian, Allottee or Tribe Name
3a. Address 3500 ONE WILLIAMS CENTER MD 35 TULSA, OK 74172	3b. Phone No. (include area code) Ph: 539-573-3527	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T26S R30E SWSW 660FSL 880FWL 32.037029 N Lat, 103.909217 W Lon		8. Well Name and No. RDX FEDERAL 17 019
		9. API Well No. 30-015-41249
		10. Field and Pool or Exploratory Area BRUSHY DRAW; DELAWARE, E
		11. County or Parish, State EDDY COUNTY, NM

**12. CHECK THE 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"/> Hydraulic Fracturing	<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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 EXPLORATION & PRODUCTION, LLC requests to put the above mentioned well in Temporarily Abandonment Status for 5 years. *1 year approved @ a time.*

The well is currently down due to a grounded ESP. The production (7bopd) does not justify a rod pump conversion workover in the current price environment; however, the well should be capable of producing in paying quantities.

Attached is a current and proposed WBD, as well as a procedure to MIT.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL***well has been shut in w/out approval since 10/2016*

14. I hereby certify that the foregoing is true and correct. Electronic Submission #412420 verified by the BLM Well Information System For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER SANCHEZ on 04/23/2018 ( )	
Name (Printed/Typed) CAITLIN O'HAIR	Title SUBMITTER
Signature (Electronic Submission)	Date 04/19/2018

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

Approved By _____	Title _____	Date APR 23 2018
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 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD 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.

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***



## WELLBORE DIAGRAM

WELL:	<b>RDX Federal 17-19</b>	SPUD DATE:	10/5/2013
COUNTY:	Eddy	TD:	7,405' MD (KB)
STATE:	New Mexico	TVD:	7,364' MD (KB)
API:	30-015-41249	PBTD:	7,364' MD (KB)
LOCATION:	Sec. 17 - T26S - R30E	KB ELEVATION:	3,124.0' (17 KB)
FIELD / AREA:	Brushy Draw - Delaware East	GL ELEVATION:	3,107.0'
FORMATION:	Delaware	SURFACE LAT/LONG:	

13-3/8" @ 973' (MD)

## CASING RECORD

SURFACE CASING											
O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.	FC (top)	FS (top)
13-3/8"	54.50#	J-55	LTC	0'	973'	23	17-1/2"	805	0'	-	-

\*Circ 192sx to surface

INTERMEDIATE CASING											
O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.	FC (top)	FS (top)
9-5/8"	40.00#	J-55	LTC	0'	3,485'	83	12-1/4"	1,325	0'	-	-

\*Circ 292sx to surface

PRODUCTION CASING											
O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.	FC (top)	FS (top)
5-1/2"	17.00#	N-80	LTC	0'	7,404'	178	8-3/4"	1,075	2,730	-	-

\*TOC from CBL 10/31/2013

DV tool @ 2730'

## PERFORATION RECORD

ZONE - Stage	TOP	BOTTOM	Gross Perfs	Net Perfs	Shots (80')
Stage #8 - Topper	5,114	5,234	120'	-	-
Stage #7 - Topper Green	5,292	5,466	174'	-	-
Stage #6 - Topper Green	5,552	5,750	207'	-	-
Stage #5 - Gatty/Topper Green	5,802	5,982	180'	-	-
Stage #4 - Kingra/Costello/Cougar	6,050	6,288	238'	-	-
Stage #3 - MWJ/Tide	6,330	6,569	239'	-	-
Stage #2 - 162/Castle	6,636	6,892	256'	-	-
Stage #1 - Brushy Canyon A & B	7,030	7,305	275'	-	-

## TUBING DETAIL

212- 2 7/8 L-80 Jts  
1- 2 7/8 Seat Nipple  
1- 2 7/8 L-80 Jt  
1- 2 7/8 Drain Valve  
1- 2 7/8 L-80 Jt  
1- DY330 ESP, Accelerated w/ Shroud  
1- 2 7/8 Cavins DeSander Int- 6,946'  
4- 2 7/8 Mud Jts EOP- 7,005'  
1- 2 7/8 Bull Plug BP- 7,113'  
The shroud depth is from the pump intake to 7,021'

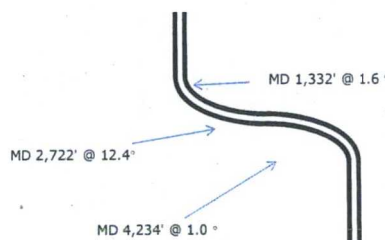
DV tool @ 2730'

Top Perf (Stage 8): 5,114' MD

Bottom Perf (Stage 1): 7,305' MD

5-1/2" @ 7,404' (MD)  
TD @ 7,405' (MD)  
PBTD @ 7,364' (MD)  
(0' TVD)

Date: 4/9/2018  
Updated: BN  
CURRENT



\*S Curve Well--Started Build 1,300',  
EOB 1,650', Drop 3,450', Back to Vertical 4,234'

" @ 0' (MD)

13-3/8" @ 973' (MD)

5-1/2" TOC - 2,730'

9-5/8" @ 3,485' (MD)

DV tool @ 2730'

RBP @ 5064' with 6xx sand

Top Perf (Stage 8): 5,114' MD

Bottom Perf (Stage 1): 7,305' MD

5-1/2" @ 7,404' (MD)  
TD @ 7,405' (MD)  
PBTD @ 7,364' (MD)  
(0' TVD)

Date: 4/9/2018

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CURRENT

WELL: RDX Federal 17-19  
COUNTY: Eddy  
STATE: New Mexico  
API: 30-015-41249  
LOCATION: Sec. 17 - T26S - R30E  
FIELD / AREA: Brushy Draw - Delaware East  
FORMATION: Delaware

OPERATOR: WPX Energy  
WT: 100%  
NRI: 0%

SPUD DATE: 10/5/2013  
TD: 7,405' MD (KB)  
TVD: 7,405' MD (KB)  
PBTD: 7,364' MD (KB)  
KB ELEVATION: 3,124.0'  
GL ELEVATION: 3,107.0'  
SURFACE LAT/LONG:

## CASING RECORD

## SURFACE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.	FC (top)	FS (top)
13-3/8"	54.508	J-55	LTC	0'	973'	23	17-1/2"	805	0'	-	-

\*Circ 192sx to surface

## INTERMEDIATE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.	FC (top)	FS (top)
9-5/8"	40.008	J-55	LTC	0'	3,485'	83	12-1/4"	1,325	0'	-	-

\*Circ 292sx to surface

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O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.	FC (top)	FS (top)
5-1/2"	17.008	N-80	LTC	0'	7,404'	176	8-3/4"	1,075	2,730'	-	-

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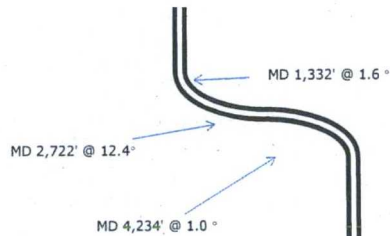
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Stage #3 - M/V/J/Tide	6,330	6,569	239'	-	-
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## TUBING DETAIL

212- 2 7/8 L-80 Jts  
1- 2 7/8 Seat Nipple  
1- 2 7/8 L-80 Jt  
1- 2 7/8 Drain Valve  
1- 2 7/8 L-80 Jt  
1- DV330 ESP, Accelerated w/ Shroud  
1- 2 7/8 Cavins DeSander Int- 6,945'  
4- 2 7/8 Mud Jts EOP- 7,005'  
1- 2 7/8 Bull Plug BP- 7,113'  
The shroud depth is from the pump intake to 7,021'



\*S Curve Well--Started Build 1,300',  
EOB 1,650', Drop 3,450', Back to Vertical 4,234'

## MIT Workover Procedure

**Well:** RDX 17-19

**Location:** Eddy, NM

**Date:** April 19, 2018

**Objective:** Mechanical Integrity Test

### EH&S Notes:

- ✓ Personnel Safety is the number one job, no exceptions.
- ✓ Please follow appropriate WPX Energy contractor protocols for this job plan. (Please see your WPX Energy Business Representative if you have any questions; Contractor protocols can be found in the WPX Energy Contractor Guide.)
- ✓ Continuous personal H2S monitoring is required. Any H2S alarms or other indications above 10ppm will require work to stop and the situation to be evaluated
- ✓ A Safety meeting shall be held each morning before work and subsequent "tailgate" safety meetings are to be held during the day when operation objectives shift in nature and intent. Please ensure these are documented per the WPX Contractor Guide.

### Prior to Job:

- Schedule Workover Rig
- Test anchors if not done so recently
- Verify location is ok for rig operations
- Ensure all flowlines on surface are clear and lease operator has installed proper tags

**Current Wellbore Status:** Vertical Completion in Delaware.

### Procedure:

- Spot equipment; MIRU
- Blow down casing. If necessary pump water down casing to kill well.
- TOOH with tbg and ESP.

#### TUBING DETAIL

212- 2 7/8 L-80 Jts	
1-	2 7/8 Seat Nipple
1-	2 7/8 L-80 Jt
1-	2 7/8 Drain Valve
1-	2 7/8 L-80 Jt
1-	DY330 ESP, Accelerated w/ Shroud
1-	2 7/8 Cavins DeSander Int- 6,945'
4-	2 7/8 Mud Jts EOP- 7,005
1-	2 7/8 Bull Plug BP- 7,113'
The shroud depth is from the pump intake to 7,021'	



- RU Wireline and run gauge ring down to 50' above top perf.
- RIH with RBP and set no more than 100' above top perf.
- Set 6 sacks of sand on top of plug.
- Load hole with clean water.
- Open Casing valves and note any flow before pressure testing.
- Close casing and apply 500 psi at surface and hold for 30 minutes.
  - Make sure to chart the pressure test with a recorder that has a maximum two hour clock and maximum 1000 pound spring.
  - Insure the unit has been calibrated within the last six months.
  - Please Ensure to have both the Consultant on location and Rig Tool Pusher sign the chart.
  - Note any flow during test
- If the well drops below 450 psi (10%) within the 30 minutes then it is considered to have failed the test.
  - In the event of a failed test please notify WPX Engineer so the NMOCD can be notified and proper actions taken.
- If the well does not drop below 450 psi (10%) within the 30 minutes then it is considered a successful test. The signed chart can be turned into the WPX field office.
- Open Casing valves back up and note for flow.
- Top hole off with water and leave set.
- RDMO

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

**Approved for a period of 12 months ending 04/23/2019 subject to conditions of approval.**

**Temporary Abandonment of Wells on Federal Lands  
Conditions of Approval**

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A description of the temporary abandonment procedure.
  - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging. CIBP must be capped with minimum 25 sacks cement, placed with tubing, or 35 feet of cement if placed with bailer.
  - b. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. Any leak-off will be evaluated.
  - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
  - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
  - e. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
3. **Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned. 43 CFR 3162.3-4 (a) The operator shall promptly plug and abandon...wells in which oil or gas is not encountered in paying quantities...**

Wells that successfully pass the casing integrity test may be approved for Temporary Abandonment (TA) status provided that the operator:

1. **Submits a subsequent Sundry Notice** (Form 3160-5) requesting TA approval with wellbore diagram with all perforations and CIBP's and tops of cement on CIBP's.
2. Describes the temporary abandonment procedure.
3. Attaches a clear copy or the original of the pressure test chart.
4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

**RDX Federal 17 19**

1. Well is approved to be TA/SI for a period of 12 months or until 04/23/2019
2. Must submit NOI to recompleat or NOI to P&A. Must be submitted by 04/23/2019
3. COA's met at this time.