

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2013

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address RKI EXPLORATION & PRODUCTION, LLC 3500 One Williams Center, MD 35 Tulsa, OK 74172		² OGRID Number 246289
⁴ API Number 30 - 0 15-44408		⁵ Pool Name PURPLE SAGE - WOLFCAMP GAS POOL
⁷ Property Code 313813		⁸ Property Name RDX FEDERAL COM 17
³ Reason for Filing Code/ Effective Date NW 2/12/2018		⁶ Pool Code 98220
⁹ Well Number 45H		

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	17	26S	30E		75	NORTH	2485	WEST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	17	26S	30E		233	SOUTH	2432	WEST	EDDY

¹² Lsc Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 2/12/2018	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
35246	NGL CRUDE LOGISTICS LLC	OIL
297155	LION OIL TRADING & TRANSPORTATION, LLC	OIL
314437	DELAWARE BASIN MIDSTREAM, LLC	GAS

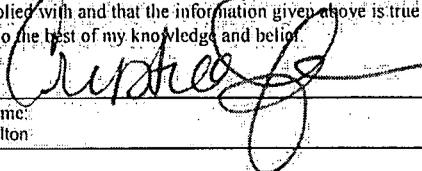
**NM OIL CONSERVATION
ARTESIA DISTRICT
MAR 07 2018
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IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD TVD 10,732' MD 15,476'	²⁴ PBD MD 15,380'	²⁵ Perforations 10,818' - 15,340'	²⁶ DHC, MC
9/12/2017	2/12/2018				
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17.5"		13.375" J-55 ST&C 54.5#		0' - 1007'	860
12.25"		9.625" J-55 40#		0' - 3,482'	850
8.750"		7" HCP 110 BTC 29#		0' - 10,985'	1090
6.125"		4.5" P-110 HC 13.5#		9,892' - 15,476'	430
		Tubing exception submitted			

V. Well Test Data

³¹ Date New Oil 2/13/2018	³² Gas Delivery Date 2/12/2018	³³ Test Date 2/22/2018	³⁴ Test Length 24	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 2300
³⁷ Choke Size 40	³⁸ Oil 1363.69	³⁹ Water 4117.17	⁴⁰ Gas 4273.15	⁴¹ Test Method Flowing	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 	OIL CONSERVATION DIVISION Approved by: 
Printed name: Crystal Fulton	Title:
Title: Permitting Tech II	Approval Date: 3-14-2017
E-mail Address: Crystal.Fulton@WPXEnergy.com	
Date: 03/02/2018	Phone: (539)573-0218

Pending BLM approvals will subsequently be reviewed and scanned

mf

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS
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.
NMNM101110

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. RDX FEDERAL COM 17 45H
2. Name of Operator RKI EXPLORATION & PROD LLC Contact: JESSICA DEMARCE E-Mail: Jessica.demarce@wpenergy.com		9. API Well No. 30-015-44408-00-S1
3a. Address 3500 ONE WILLIAMS CENTER MD 35 TULSA, OK 74172	3b. Phone No. (include area code) Ph: 539-573-3521	10. Field and Pool or Exploratory Area PURPLE SAGE-WOLFCAMP (GAS)
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T26S R30E NENW 75FNL 2485FWL 32.049641 N Lat, 103.903992 W Lon		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 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"/> 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 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 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.

TOC error on the previous EC - correct TOC is 9,892' verified by WBD

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SEP 12 2018

GC 9-12-18
Accepted for record - NMOCD

DISTRICT II-ARTESIA O.C.D.

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

**Electronic Submission #423487 verified by the BLM Well Information System
For RKI EXPLORATION & PROD LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 09/05/2018 (18DLM0654SE)**

Name (Printed/Typed) JESSICA DEMARCE	Title REGULATORY TECH
Signature (Electronic Submission)	Date 06/11/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE RECORD

Approved By _____	Title _____	Date _____
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.		/s/ Jonathon Shepard
Office _____	SEP 07 2018	

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 in 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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMMN101110
2. Name of Operator RKI EXPLORATION & PROD LLC Contact: CRYSTAL FULTON E-Mail: crystal.fulton@wpenergy.com		6. If Indian, Allottee or Tribe Name
3a. Address 3500 ONE WILLIAMS CENTER MD35 TULSA, OK 74172	3b. Phone No. (include area code) Ph: 539-573-0218	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 75FNL 2485FWL		8. Well Name and No. RDX FEDERAL.COM 17 45H
		9. API Well No. 30-015-44408
		10. Field and Pool or Exploratory Area PURPLE SAGE; WOLFCAMP(GAS)
		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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resumé)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other
	Production Start-up
	<input type="checkbox"/> Temporarily Abandon
	<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 must 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 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.

PLEASE BE ADVISED THE WELL FIRST PRODUCTION OCCURRED: 2/12/2018

**NM OIL CONSERVATION
ARTESIA DISTRICT**
MAR 07 2018
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14. I hereby certify that the foregoing is true and correct.
Electronic Submission #404646 verified by the BLM Well Information System
For RKI EXPLORATION & PROD LLC, sent to the Carlsbad

Name (Printed/Typed): CRYSTAL FULTON	Title: PERMITTING TECH II
Signature (Electronic Submission)	Date: 02/15/2018

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 knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	United _____

Pending BLM approvals will subsequently be reviewed and scanned

(Instructions on page 2)

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

MAR 07 2018

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMMN101110

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
RDX FEDERAL COM 17.45H

9. API Well No.
30-015-44408

10. Field and Pool, or Exploratory
PURPLE SAGE WOLFCAMP (GAS)

11. Sec., T., R., M., or Block and Survey
or Area Sec 17 T26S R30E Mer

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3076 GL

1a. Type of Well Oil Well Gas Well Dry Other:
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resrv.
Other:

2. Name of Operator
RKI EXPLORATION & PRODUCTION E-Mail: crystal.fulton@wpenergy.com

3. Address: 3500 ONE WILLIAMS CENTER MD35
TULSA, OK 74172

3a. Phone No. (include area code)
Ph: 539-573-0218

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: 75FNL 2485FWL
At top prod interval reported below: 443FNL 2454FWL
At total depth: 233FSL 2432FWL

14. Date Spudded
09/12/2017

15. Date T.D. Reached
10/19/2017

16. Date Completed
 D & A Ready to Prod.
02/09/2018

18. Total Depth: MD 15478
TVD 10732

19. Plug Back T.D.: MD 15380
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GAMMA RAY

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well):

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	1007		860	223	0	100
12.250	9.625 J55	40.0	0	3482		850	269	0	53
8.750	7.000 HCP110	29.0	0	10985		1090	455	0	0
6.125	4.500 P110	13.5	9892	15476		430	126	9892	36

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10818	15340	10818 TO 15340	0.420	1024	PRODUCING - WOLFCAMP
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
10818 TO 15340	PROPPANT 8,947,781 LBS
10818 TO 15340	FLUID 8,849,227 GAL

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/12/2018	02/22/2018	24	→	1363.6	4273.0	4117.0	49.6	0.75	FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
40	SI	2300.0	→	1364	4273	4117	3134	PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	
	SI		→						

Pending BLM approvals will subsequently be reviewed and scanned

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #406649 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
BELL CANYON	3483	4578	SAND	BELL CANYON	3483
CHERRY CANYON	4578	5640	SAND	CHERRY CANYON	4578
BRUSHY CANYON	5640	7290	SAND	BRUSHY CANYON	5640
BONE SPRING	7290	10553	LIME	BONE SPRING	7290
WOLFCAMP	10553	15478	SHALE	WOLFCAMP	10553

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (if full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #406649 Verified by the BLM Well Information System.
For RKI EXPLORATION & PROD. LL, sent to the Carlsbad

Name (please print) CRYSTAL M FULTON Title PERMITTING TECH II

Signature _____ (Electronic Submission) Date 03/05/2018

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.

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