

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

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.*

OCD Artesia

5. Lease Serial No.  
NMNM0555443

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2** **NM OIL CONSERVATION**  
**ARTESIA DISTRICT** Unit or CA/Agreement, Name and/or No.  
8910138100

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

MAR 11 2019

8. Well Name and No.  
ROSS DRAW 8

2. Name of Operator

RKI EXPLORATION &amp; PROD LLC

Contact: CAITLIN O'HAIR

E-Mail: caitlin.ohair@wpenergy.com

9. API Well No.

30-015-23017-00-S1

3a. Address

3500 ONE WILLIAMS CENTER MD 35  
TULSA, OK 74172

3b. Phone No. (include area code)

Ph: 539-573-3527

10. Field and Pool or Exploratory Area  
UNDESIGNATED

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

Sec 27 T26S R30E SWNE 1650FNL 1650FEL

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 Notice 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.

ATTN: Chris Walls

RKI EXPLORATION &amp; PRODUCTION, LLC requests to plug-back the PURPLE SAGE; WOLFCAMP (GAS) and recomplete in the DELAWARE formation.

Below is a summary of the proposed recompletion procedure:

Original TD at 12,200?

CIBP with 35? of cement within 100? of current top perf (11,012?).

Set 4? casing at 7,450? with 350sks cement (new PBTD at 7,450? and 4? TOC at ~3,920 to correspond with TOC for original 7? csg)

Recomplete in the Delaware formation. Perf intervals: 6,964?&amp;#8208;7,284, 5,898?&amp;#8208;5,988?, 6,074?&amp;#8208;6,304?, 6,332?&amp;#8208;6,403?, 6,615?&amp;#8208;6,846?, 6,964?&amp;#8208;7,284?

Accepted For Record

NMOCD  
3-12-19ENTERED  
3-11-19

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

Electronic Submission #451326 verified by the BLM Well Information System

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

Committed to AFMS for processing by PRISCILLA PEREZ on 01/29/2019 (19PP0791SE)

Name (Printed/Typed) CAITLIN O'HAIR

Title SUBMITTER

Signature (Electronic Submission)

Date 01/22/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By /s/ Jonathon Shepard

Title Petroleum Engineer  
Carlsbad Field OfficeFEB 21 2019  
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.

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)

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

3/12/19 - Caitlin O'Hare informed me that there will not be a recompletion done on this well after I asked for CIBP. Well will be plug &amp; abandoned. See attached email.

**Additional data for EC transaction #451326 that would not fit on the form**

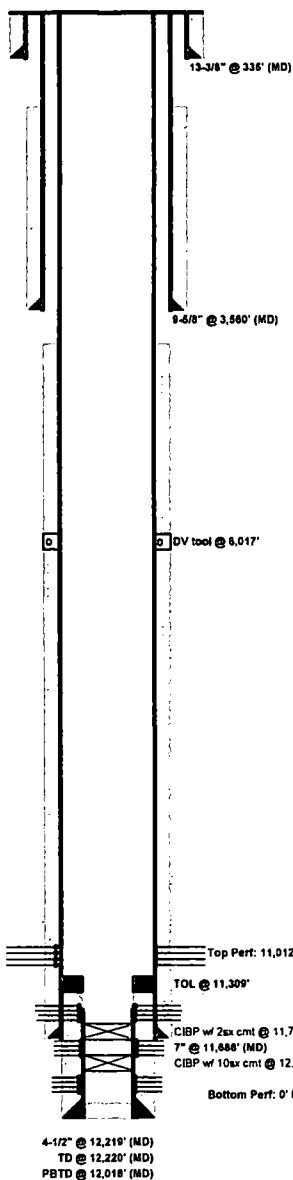
**32. Additional remarks, continued**

Initial artificial lift: rod pump (2" 3/8" tbg at ~7,395')

Current and proposed WBDs are attached.

Economics for the recompletion were based on the assumption that surface commingling and gas line ROW are approved. If commingling and ROW are not approved, and costs differ from the initial estimates provided, we will need to reevaluate the economics to determine if recompletion or P&A is the best option.

### WELLBORE DIAGRAM



WELL:	Ross Draw Unit 8
COUNTY:	Eddy
STATE:	New Mexico
API:	30-015-23017
LOCATION:	Sec. 27 - T 26S - R 30E
FIELD / AREA:	North Stateline
FORMATION:	Wolfcamp

**EU NUMBER:**  
**OPERATOR:** WPX Energy  
**Wt:**  
**NRI:**

SPUD DATE:		
TD:	12,220'	MD (KB)
TVD:		TVD (KB)
PBTD:	12,018'	MD (KB)
KB ELEVATION:	3,028.0'	(15' KB)
GL ELEVATION:	3,013.0'	
BHT:		

### CRASHING RECORD

SURFACE CASING											
G.O.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.	FC (top)	FS (top)
13-3/8"	48.00#	H-40	STC	0'	335'		17-1/2"	375	860'		

\* Circ to surface

INTERMEDIATE CASING											
Q.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT	FC (top)	FS (top)
9-5/8"	36.00#	K-55	STC	0'	3,560'	86	12-1/4"	2,620	960'		

PRODUCTION CASING											
O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.	FC (top)	FS (top)
7"	23#/ 28#	N-80 / S-95	LTC	0'	11.68'		6-3/4"	1.700	3.920'		
4-1/2"	15.10#	P-110	LTC	11.30#	12.21#		7-7/8"	150			

DV tool @ 6.017

## PERFORATION RECORD

ZONE - Stage	TOP	BOTTOM	Gross Perfs	Shots (#0')
WC	11,012	11,016	4'	
WC	11,558	11,570	12'	
WC	11,806	11,849	43'	
WC	12,065	12,154	89'	

### TUBING DETAIL

[illegible]

### ROD STRING DETAIL

[illegible]

**Date:** 11/12/2018

Updated: BKN

**Gutierrez**

## WELLBORE DIAGRAM

WELL:	Ross Draw Unit 8	EU NUMBER:	SPUD DATE:
COUNTY:	Eddy	TD:	10/10/1979
STATE:	New Mexico	TVD:	12,220' MD (KB)
API:	30-015-23017	PBTD:	7,450' MD (KB)
LOCATION:	Sec. 27 - T 26S - R 30E	KB ELEVATION:	3,028.0' (15' KB)
FIELD / AREA:	North Stateline	GL ELEVATION:	3,013.0'
FORMATION:	Wolfcamp	BHT:	

## CASING RECORD

SURFACE CASING											
O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT BZ.	8X CMT.	TOP CMT.	FC (top)	FB (top)
13-3/8"	48.00#	H-40	STC	0'	335'		17-1/2"	375	980'		

INTERMEDIATE CASING											
O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT BZ.	8X CMT.	TOP CMT.	FC (top)	FB (top)
9-5/8"	36.00#	K-55	STC	0'	3,560'	86	12-1/4"	2,620	980'		

PRODUCTION CASING											
O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT BZ.	8X CMT.	TOP CMT.	FC (top)	FB (top)
7"	23# / 26#	N-80 / S-85	LTC	0'	11,688'		8-3/4"	1,700	3,920'		
4-1/2"	15.10#	P-110	LTC	11,309'	12,218'		7-7/8"	150			

PROPOSED LINER											
O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT BZ.	8X CMT.	TOP CMT.	FC (top)	FB (top)
4-1/2"	11.60#	HCP-110		0'	7,450'			350			

## PERFORATION RECORD

ZONE - Stage	TOP	BOTTOM	Gross Perfs	BHGS (60")
Stage 6 - Topper	5,632	5,635	203'	
Stage 5 - Getty	5,898	5,988	90'	
Stage 4 - Kingress/Cougar	6,074	6,304	230'	
Stage 3 - Tide	6,332	6,403	71'	
Stage 2 - Castle/MWJ	6,615	6,846	231'	
Stage 1 - 182 Zone	6,884	7,284	400'	
WC	11,012	11,016	4'	
WC	11,556	11,570	12'	
WC	11,908	11,949	43'	
WC	12,065	12,154	89'	

## PROPOSED TUBING DETAIL

Tubing and Packer detail	Jnt Count	Length (ft)	Top Depth (ft)
KB		15.00'	0'
2-3/8" 4.7# L-80 8rd EUE tbg	168	5,409.60'	15.0'
2-3/8" x 2" Marker Sub		2.10'	5,424.6'
2-3/8" 4.7# L-80 8rd EUE tbg	2	64.40'	5,428.7'
TAC		2.75'	5,481.1'
2-3/8" 4.7# L-80 8rd EUE tbg	57	1,835.40'	5,483.9'
2-3/8" SN		1.10'	7,329.3'
2-3/8" 4.7# L-80 8rd EUE tbg	2	64.40'	7,330.4'
Ball Plug		0.50'	7,334.6'

\* Ybg detail based on 32.2' jts, actual depths may vary.

## PROPOSED ROD STRING DETAIL

Type	OD	Length	No. Rods	Type
PR	1.500"	26'	-	1-1/2" x 26' PR w/ 1-3/4" x 16' Liner
7/8" Rods	0.875"	2,550'	102	WFT HD Rods w/ SHT cpilgs
3/4" Rods	0.750"	4,575'	183	WFT HD Rods w/ FST cpilgs
1-1/2" Rods	1.500"	200'	8	API Grade C Sinker Bars
Insert Pump	1.500"	24'	-	2-1/2" x 1-1/2" x 24' Pump
GAC	1.250"	20.0'	-	Gas Anchor

\* Projected detail, actual lengths may vary after spacing out.

WC Perfs PROPOSED

TAC: -5,500'

SN: -7,325'

BP: -7,395'

Pumping Unit: Shores 912-365-168, in the long hole  
Pumping Speed: -8.5gpm

CIBP w/ 35' cmt @ -10,925'

WC Top Perf: 11,012' MD  
TOL @ 11,309'CIBP w/ 26x cmt @ 11,750, tagged cement @ 11,730'  
7" @ 11,688' (MD)  
CIBP w/ 10ax cmt @ 12,018

WC Bottom Perf: 12,154' MD

4-1/2" @ 12,219' (MD)  
TD @ 12,220' (MD)  
PBTD @ 7,450' (MD)Date: 12/27/2018  
Updated: BKN  
W10089333

# **BUREAU OF LAND MANAGEMENT**

Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

## **Conditions of Approval for Permanent Abandonment of a Production Zone**

1. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
2. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
3. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.
4. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the approved depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement (or 35 feet with a bailer). Before pumping cement on top of CIBP, a tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary. Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.
5. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date work was completed. If plugging back to a new zone submit a Completion Report (Form 3160-4) with the Subsequent Report.
6. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.
7. **If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken:** From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.

[EXT] RE: [EXTERNAL] Ross Draw 8 - 30-015-23017

X DELETE ← REPLY ⇐ REPLY ALL → FORWARD ...

O'Hair, Caitlin <Caitlin.O'Hair@wpenergy.com>

Tue 3/12/2019 3:49 PM

Mark as unread

To: Klein, Ranell, EMNRD;

I will rescind the recompletion procedure once we get the Intent to P&A file, but you can print this email as well!

-Thank you!

Caitlin O'Hair  
Regulatory Tech II  
caitlin.o'hair@wpenergy.com or caitlin.ohair@wpenergy.com  
539-573-3527  
918-636-7239 (cell)

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From: Klein, Ranell, EMNRD <Ranell.Klein@state.nm.us>  
Sent: Tuesday, March 12, 2019 4:48 PM  
To: O'Hair, Caitlin <Caitlin.O'Hair@wpenergy.com>  
Subject: Re: [EXTERNAL] Ross Draw 8 - 30-015-23017

Are you going to send a sundry to BLM to rescind the recompletion procedure? If not, I am going to print out this email and put with the sundry I received.

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From: O'Hair, Caitlin <Caitlin.O'Hair@wpenergy.com>  
Sent: Tuesday, March 12, 2019 3:41 PM  
To: Klein, Ranell, EMNRD  
Subject: [EXT] RE: [EXTERNAL] Ross Draw 8 - 30-015-23017

Rusty,

We are now actually planning to P&A the well and will not proceed with the recompletion. Would you still like a C-102?

Sorry for the confusion!

Caitlin O'Hair  
Regulatory Tech II  
caitlin.o'hair@wpenergy.com or caitlin.ohair@wpenergy.com  
539-573-3527  
918-636-7239 (cell)

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From: Klein, Ranell, EMNRD <Ranell.Klein@state.nm.us>  
Sent: Tuesday, March 12, 2019 4:39 PM  
To: O'Hair, Caitlin <Caitlin.O'Hair@wpenergy.com>  
Cc: Klein, Ranell, EMNRD <Ranell.Klein@state.nm.us>  
Subject: [EXTERNAL] Ross Draw 8 - 30-015-23017

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CAUTION: This email was sent from an EXTERNAL source. Use caution when clicking links or opening attachments.

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Caitlin,

I received the approval on this well from the BLM to recomplete to the Delaware formation. Will you send me a C102 please for the Delaware formation?

Thanks!

Rusty