

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

5. Lease Serial No.  
**NM0001M20965**  
6. Indian, Allottee or Tribe Name  
**Artesia**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
RDX FEDERAL COM 17 37H

2. Name of Operator  
RKI EXPLORATION & PROD LL  
Contact: CRYSTAL FULTON  
E-Mail: crystal.fulton@wpenergy.com

9. API Well No.  
30-015-43544

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

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

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 150FNL 1070FWL

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.

PLEASE BE ADVISED RKI EXPLORATION AND PRODUCTION, LLC SET 1ST INTERMEDIATE CASING FOR THIS WELL. A SUMMARY OF THE DRILLING OPERATION IS AS FOLLOWS:

10/2/2017 Test Surface Casing 1500 PSI for 30 Mins. Good Test.

10/5/2017 1st Intermediate  
9.625" 40# J-55: 0? ? 3,502'

Lead: 530 sks @ 11.8 ppg & Tail: 200 sks @ 14.8 ppg.

Pressured to 1240 psi, bumped plug. Floats held, circ 28 sks/12 bbls back to sfc. PT Casing to 1500 psi for 30 Min. Good Test.

The binded Post Job Report is attached.

*BC 11-8-17*  
Accepted for record - NMOCD

**NM OIL CONSERVATION**

ARTESIA DISTRICT

NOV 07 2017

RECEIVED

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

Electronic Submission #391837 verified by the BLM Well Information System  
For RKI EXPLORATION & PROD LL, sent to the Carlsbad  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/16/2017 ()

Name (Printed/Typed) CRYSTAL FULTON

Title PERMITTING TECH II

Signature (Electronic Submission)

Date 10/13/2017

ACCEPTED FOR RECORD

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

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.

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 \*\***



## Cement Job Summary

Job Purpose <b>08 Intermediate</b>	
Customer: <b>WPX Energy</b>	Date: <b>10/5/2017</b>
Well Name: <b>RDX Federal Com</b>	Number: <b>17-37H</b> API/UWI:
County: <b>Eddy</b>	City: <b>0</b> State: <b>NM</b>
Cust. Rep: <b>0</b>	Phone: <b>0</b> Rig Phone: <b>281-436-6424</b>
Distance <b>100 miles (one way)</b>	Supervisor

Employees:	Emp. ID:	Title	Emp. ID:
JW MCLEAN	1404	SUPERVISOR	1404
ARMANDO BARRON	7302	PUMP OPERATOR	7302
JACKSON SODEK	0417	EQUIPMENMT OPERATOR	0417
DAVID HERRERA	4570	EQUIPMENMT OPERATOR	4570
MIGUEL DOMINGUEZ	1880	EQUIPMENMT OPERATOR	1880

Equipment:	Emp. ID:
PUMP CPF212	ARMANDO BARRON
BULKTRUCK CTF101	MIGUEL
SILO #5 H.A.	

### Materials - Pumping Schedule

#### STAGE #1

Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 1	Fresh Water	30	8.33	n/a	n/a
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Lead 1	ALLIED LIGHT WEIGHT - CLASS C	530	11.80	2.39	13.82
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Tail 1	CLASS C PREMIUM PLUS	200	14.80	1.33	6.32
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Disp. 1	Cut Brine	260.458148	9.00	n/a	n/a

Slurry: Lead 1		Slurry Name: ALLIED LIGHT WEIGHT - CLASS C				
Quantity:	530 sacks	Blend Vol:	599.2 cu.ft.	Blend Weight:	50628.8 lbs	
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CCCPP	Class C Premium Plus	61.1	Base Material	32383.0	lbm	
CPOZ	Pozmix/Fly-Ash C	25.9	Base Material	13727.0	lbm	
CGEL	Premium Gel	3.48	% BWOC	1844.4	lbm	
CA-400	Sodium Metasilicate	0.44	% BWOC	230.6	lbm	
CA-200	Sodium Chloride	4.35	% BWOC	2305.5	lbm	
CDF-100P	Powdered Defoamer	0.17	% BWOC	92.2	lbm	
CR-100	Low Temp Retarder	0.09	% BWOC	46.1	lbm	
Water	Mixing Water	13.82	gal/sk	7322.000593	gal	

Slurry: Tail 1		Slurry Name: CLASS C PREMIUM PLUS				
Quantity:	200 sacks	Blend Vol:	200.63 cu.ft. cu.ft.	Blend Weight:	18837.6 lbs	
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CCCPP	Class C Premium Plus	94	Base Material	18800.0	lbm	
CDF-100P	Powdered Defoamer	0.19	% BWOC	37.6	lbm	
Water	Mixing Water	6.32	gal/sk	1264.9	gal	

Job Purpose <b>08 Intermediate</b>	
Customer: <b>WPX Energy</b>	Date: <b>10/5/2017</b>
Well Name: <b>RDX Federal Com</b>	Number: <b>17-37H</b> API/UWI:
County: <b>Eddy</b>	City: <b>0</b> State: <b>NM</b>
Cust. Rep: <b>0</b>	Phone: <b>0</b> Rig Phone: <b>0</b>



### Cement Job Summary

Distance		100 miles (one way)		Supervisor		0	
Time	Activity Description	Rate (bpm)	Volume (bbl)	Pressure (psi)	Comments		
3:00	Requested on Location						
2:00	Arrive at Location						
2:15	Pre-Rig Up Safety Meeting						
2:30	Rig-Up Equipment						
3:00	Rig-Up Completed						
9:22	Pre-Job Safety Meeting						
9:36	Test Lines				3000PSI		
9:39	Pump Spacer 1	6	30	240	FRESH WATER		
9:44	Pump Lead Cement 1	6.5	226	400	11.8PPG		
10:21	Pump Tail Cement 1	5	47	485	14.8PPG		
10:33	Shut Down						
10:35	Drop Plug						
10:35	Pump Displacement	6.5	262	760	FRESH WATER		
11:22	Bump Plug	3	262	1240	FRESH WATER		
11:24	Check Floats				1BBLS BACK		
11:30	Post Job Safety Meeting						
11:45	Rig-Down Equipment						
12:00	Rig-Down Completed						
12:15	Depart Location						

**COMMENTS:**

28SACKS/12BBLS OF CEMENT CIRCULATED TO SURFACE

Total Hours on Location	8.5	hrs
Rig Hours (Wait on Allied)	0	hrs
Float Collar Depth	3456.98	ft
Plug Bumped	Yes	
Floats Held	Yes	
Average Displacement Rate	6.5	bpm
Mud Weight	10.4	lb/gal
Mud Type	Water Based	

Cement Water Analysis		Guidelines:
Temperature	80	< 95 deg F
pH	7	6-8
Sulfates	300	< 1800
Chlorides	500	< 3000

Please make a call to managent if any of the water analysis falls outside of the guidelines.



Cementing Dispatch Sheet

Job Purpose		08 Intermediate				
Customer:	WPX Energy	Date:	10/5/2017			
Well Name:	RDX Federal Com	Number:	17-37H			
County:	Eddy	API/UWI:	30-015-43544			
City:	0	State:	NM			
Cust. Rep:	0	Phone:	0			
		Rig Phone:	281-436-6424			
Distance	100 miles (one way)	Rig Name:	ORION			
		Number:	ARIES 18			
Requested On Location -	Date:	10/5/2017	Time 0200NMT			
<b>Drive Safely - Wear Seat Belts - Observe Speed Limits - HANG UP THE PHONE!</b>						
Leaving Hobbs BJ yard t/lt go to 62-180 t/rt go west to C31 t/lt go to 285 t/lt go south on 285 to CR 725 (Whitehorn Rd), t/lt and travel East and stay on 725 for 12 miles to a "Y". Turn Left and travel 2.3 miles. Turn Left and travel 0.6 miles, turn left and travel 1 mile to location.						
<b>Comments - Specific Job Instructions</b>						
Wear all your PPE at all times / Take BBS Cards (Odessa)						
<b>Pumping Equipment</b>						
<b>Description:</b>	<b>Qty</b>	<b>Description:</b>	<b>Qty</b>			
Pump Truck	1	Booster Pump	1			
Bulk Truck	1					
<b>Surface Equipment</b>						
<b>Description:</b>	<b>Qty</b>	<b>Comments</b>				
Sugar	300#					
9 5/8	1	Head, Manifold and Buttress Nubbin				
9 5/8 Top Rubber Plug	1					
Defoamer	20 Gals					
9 5/8	1	gsi 9 5/8 buttress and 8rd swage/ full iron rack				
<b>Materials To Be Run On the Fly</b>						
<b>Stage</b>	<b>Material</b>	<b>Concentration lb/sk</b>	<b>Total lbs</b>			
<b>Well Information</b>						
<b>Description:</b>	<b>Size (in):</b>	<b>Wgt. (lb/ft)</b>	<b>ID (in)</b>	<b>Grade:</b>	<b>Top MD (ft)</b>	<b>Btm MD (ft)</b>
Casing or Tubing	9 5/8	40	8.835	J-55	0	3,480
12.25" Open Hole	12 1/4				0	3,480
<b>Materials - Pumping Schedule</b>						
<b>Stage #1</b>						
<b>Fluid Name</b>	<b>Description</b>	<b>Rqstd Qty</b>	<b>Density</b>	<b>Yield (ft<sup>3</sup>/sk)</b>	<b>Water Req.</b>	
Spacer 1	Fresh Water	30 bbls	8.33 lb/gal	n/a	n/a	
<b>Fluid Name</b>	<b>Description</b>	<b>Rqstd Qty</b>	<b>Density</b>	<b>Yield (ft<sup>3</sup>/sk)</b>	<b>Water Req.</b>	
Lead 1	ALLIED LIGHT WEIGHT - CLASS C	530 sks	11.8 lb/gal	2.39	13.82 gal/sk	
<b>Fluid Name</b>	<b>Description</b>	<b>Rqstd Qty</b>	<b>Density</b>	<b>Yield (ft<sup>3</sup>/sk)</b>	<b>Water Req.</b>	
Tail 1	CLASS C PREMIUM PLUS	200 sks	14.8 lb/gal	1.33	6.33 gal/sk	
<b>Fluid Name</b>	<b>Description</b>	<b>Rqstd Qty</b>	<b>Density</b>	<b>Yield (ft<sup>3</sup>/sk)</b>	<b>Water Req.</b>	
Disp. 1	Cut Brine	260.458148033 775 bbls	9 lb/gal	n/a	n/a	



Cementing Dispatch Sheet

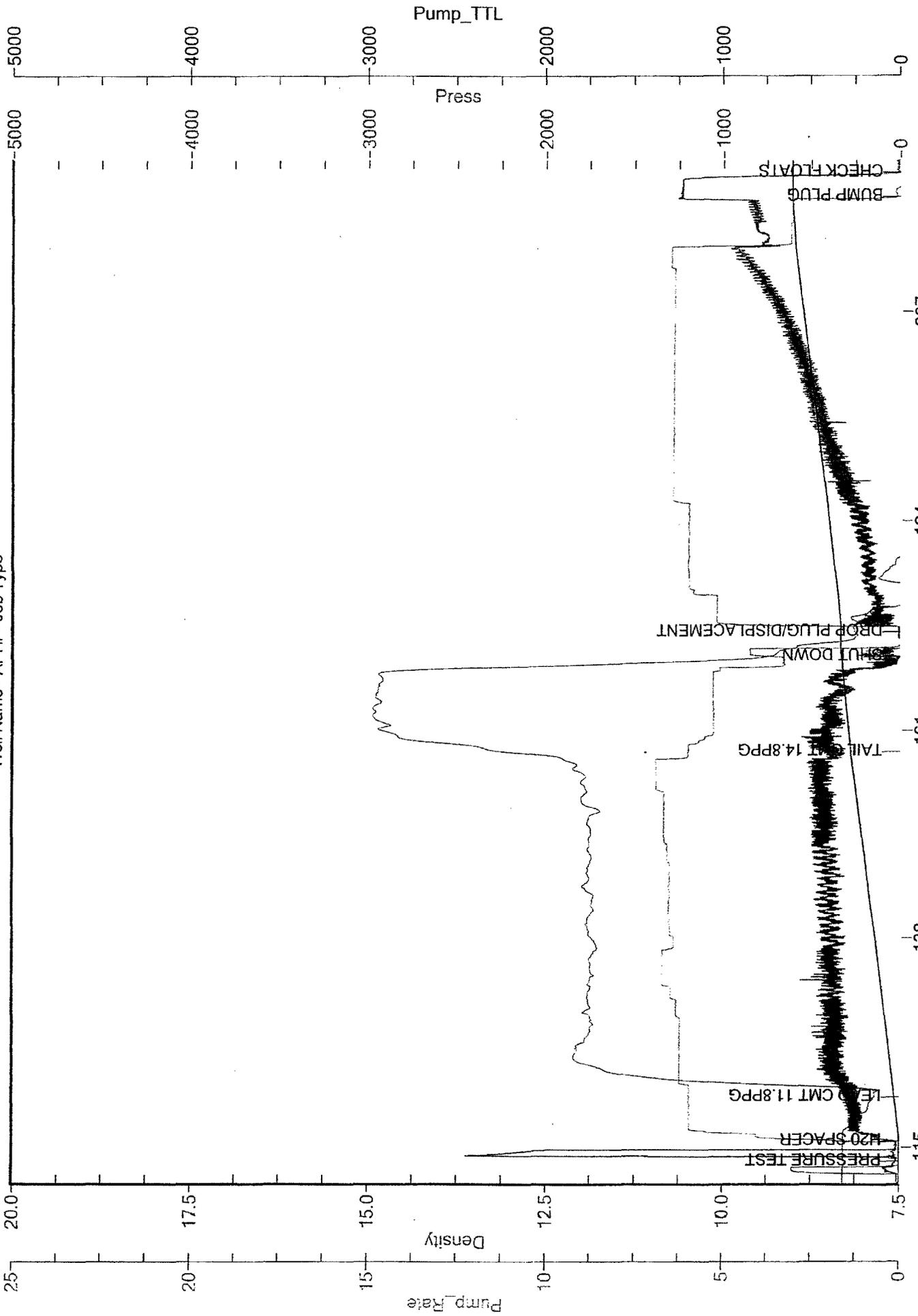
Job Purpose		08 Intermediate	
Customer:	WPX Energy	Date:	10/5/2017
Well Name:	RDX Federal Com	Number:	17-37H
County:	Eddy	City:	0
Cust. Rep:	0	State:	NM
		Phone:	0
			281-436-6490

Slurry: Lead 1		Slurry Name: ALLIED LIGHT WEIGHT - CLASS C	
Quantity:	530 sacks	Blend Vol:	599.2 cu.ft.
			Blend Weight: 50628.8 lbs
Material	Description	Conc. (lb/sk)	Determined by
CCCPP	Class C Premium Plus	61.10	Base Material
CA-400	Sodium Metasilicate	0.44	% BWOC
CA-200	Sodium Chloride	4.35	% BWOC
CDF-100P	Powdered Defoamer	0.18	% BWOC
Water	Mixing Water	13.82	gal/sk
			Load Volume
			UOM
			32383.00 lbm
			230.55 lbm
			2305.50 lbm
			92.22 lbm
			7322.01 gal

Slurry: Tail 1		Slurry Name: CLASS C PREMIUM PLUS	
Quantity:	200 sacks	Blend Vol:	200.7 cu.ft. cu.ft.
			Blend Weight: 18837.6 lbs
Material	Description	Conc. (lb/sk)	Determined by
CCCPP	Class C Premium Plus	94.00	Base Material
CDF-100P	Powdered Defoamer	0.19	% BWOC
Water	Mixing Water	6.32	gal/sk
			Load Volume
			UOM
			18800.00 lbm
			37.60 lbm
			1265.0 gal

# CUSTOMER

Well Name - API # - Job Type



Job Started On: 10/05/2017 @ 7:43:57 AM