

UNITED STATES **NMOCD**  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT **Artesia**

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.  
NMNM20965

6. If Indian, Allottee or Tribe Name

**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 46H

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

9. API Well No.  
30-015-44410

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 75FNL 2510FWL

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 PRODUCTION CASING & CEMENT WAS SET: 10/12/2017

4.5" 13.5# P-110HC: 10,164? ? 15,722?. CMT: 430sks @ 14.5 ppg. Bumped Plug @ 3000psi, floats held, no cmt to sfc.

The binded Post Job Report is attached.

*SC 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 #392864 verified by the BLM Well Information System  
For RKI EXPLORATION & PROD LL, sent to the Carlsbad  
Committed to AFMS for processing by JENNIFER SANCHEZ on 10/25/2017 ()

Name (Printed/Typed) CRYSTAL FULTON Title PERMITTING TECH

Signature (Electronic Submission) Date 10/24/2017

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE 5 2017

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 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 \*\***

**PAR  FIVE**  
**ENERGY SERVICES LLC**

**DESIGN - EXECUTE - EVALUATE - REPORT**

**LINER**

**WPX ENERGY**

**RDX FEDERAL COM 17 #46H**

**EDDY COUNTY, NEW MEXICO**

**PRIMARY PUMP: 1031/2032**  
**SECONDARY PUMP: 1037/2051**

**PREPARED BY: IVAN GARCIA**

**SERVICE SUPERVISOR**

**ARTESIA DISTRICT**

**1-575-748-8610**

10/11/2017

WELL SUMMARY



COMPANY NAME: WPX ENERGY	DATE: 10/11/2017	
LEASE NAME: RDX FEDERAL COM 17	OPERATOR NAME: WPX ENERGY	
WELL NUMBER: #46H	TICKET NUMBER: 6744	
API NUMBER:	AFE NUMBER:	
SECTION:	TOWNSHIP:	RANGE:
COUNTY: EDDY	STATE: NM	
RIG NAME: ORION 10	COMPANY REP: MIKE BRUNT	PHONE#: 361-553-4421

DIRECTIONS

US285 SOUTH of Malaga NM to MM #4 turn LEFT and follow CR725

NOTES

UPDATED BY IVAN GARCIA 10-11-17

HSE

ALL EMPLOYEES WEAR PPE

JOB PROCEDURE

PUMP 40 BBLS MUDWASH  
PUMP 430 SKS SLURRY @ 14.5  
SHUT DOWN DROP PLUG  
DISPLACE WELL

# WELL SUMMARY



WELL /CASING DATA											
JOB TYPE: LINER					HOLE SIZE: 6 1/8						
TVD: 10887					PREVIOUS CASING SIZE: 7						
PREVIOUS CASING LB/FT: 29					PREVIOUS CASING DEPTH: 10798						
CASING SIZE: 4 1/2											
CASING LB/FT: 13.5					CASING GRADE: P110						
FLOAT COLLAR DEPTH: 15630.36					SHOE JOINT LENGTH: 93.2						
DV TOOL DEPTH:					SECOND DV TOOL DEPTH:						
TOTAL DEPTH: 15723.56					TOTAL CASING : 5559.56						
TUBULAR DATA											
TBG/D.P. SIZE:					TBG/D.P. DEPTH:						
TBG/D.P. LB/FT:					TOOL DEPTH:						
PACKER OR RETAINER:					PERF/HOLE DEPTH:						
SURFACE EQUIPMENT											
CEMENT HEAD SIZE:			4 1/2			QUICK CONNECT SIZE:			4 1/2		
DRILL PIN SIZE/TYPE:						THREAD:			CDC-HTQ		
TUBING SWEDGE SIZE:						TAKE 2 -2 INCH REGULAR TUBING SWEDGES					
CHEMICALS NEEDED											
400# SAPP + 10 GALLONS PLEXAID 803, 200# SUGAR											
EQUIPMENT											
SUPERVISOR:			Ivan Garcia			FIELD REPRESENTATIVE:			Anthony Granados		
PUMP OPERATOR:						UNIT NUMBER:			1031/2032 FERNANDO GARCIA		
E/O:						UNIT NUMBER:			1037/2051 MIKE DEVITO		
E/O:			David Ramos			UNIT NUMBER:			1026/2046		
E/O:						UNIT NUMBER:			1010/2017 JUAN LOZANO		
E/O:						UNIT NUMBER:			BOOSTER PUMP 4015		
FLUID DATA											
1ST SLURRY:		MUD PUSH									
DENSITY:	14	YIELD:		MIX H2O:		SACKS:	40 BBLS				
2ND SLURRY:		50/50 Poz/H + 5% (BWOW) PF44 Salt + 30% PF151 Calcium Carbonate + 2% PF20 Bentonite + 0.7% PF606 Fluidloss + 0.2% PF813 Retarder + 0.1% PF65 Dispersant + 0.1% PF153 Antisettling Agent + 4 nos PF45 Defoamer									
DENSITY:	14.5	YIELD:	1.64	MIX H2O:	7.123	SACKS:	430				
3RD SLURRY:											
DENSITY:		YIELD:		MIX H2O:		SACKS:					
4TH SLURRY:											
DENSITY:		YIELD:		MIX H2O:		SACKS:					
5TH SLURRY											
DENSITY:		YIELD:		MIX H2O:		SACKS:					
DISPLACEMENT TYPE :		WATER/ OBM		DISPLACEMENT VOLUME:		185.5		MUD WEIGHT:		12.9	





Par Five Energy Services, LLC  
 11279 Lovington Hwy  
 Artesia, NM  
 Phone(575)748-8610 Fax: (575) 748-8625

1335

ART17-7628-01P

Customer: WPX Energy	MD: 15731	Report Date: October 09 2017
Well Name: RDX Federal Com 17 #46H	TVD: 10920	Stage: Lead
County: Eddy State: NM	BHST: 167	String: Liner
Rig: Orion Phoenix 10	BHCT: 131	Blend Type: Pilot Blend
Salesman: Chris DeLeon		Reported By: Orquiz, Freddy

**Slurry Information**

Density: 14.50 ppg Yield: 1.64 cuft/sk Mix Fluid: 7.121 gal/sk

**Slurry Composition**

Cement Blend: 50/50PozH

Additive	Conc	Design	Description	Lot Number
PF-044	5.000 %	BWOW	Salt	G3CB09
PF-151	30.00% %	BWOB	Calcium Carbonate	MFT-M20002041
PF-020	2.00% %	BWOB	Bentonite Gel	Bulk
PF-606	0.70% %	BWOB	Fluid Loss	GS20121C01-26
PF-813	0.20% %	BWOB	High Temp Retarder	28S3SM
PF-065	0.10% %	BWOB	Dispersant	04110
PF-153	0.10% %	BWOB	Anti Settling Agent	
PF-045	0.400 lb/sk	BWOB	Defoamer	201304AC

**Rheology (Average Readings)**

Temp	3	6	100	200	300	PV	YP
80 °F	5	8	48	84	116	102	14
167 °F	26	38	98	130	157	88.5	68.5

**Thickening Time**

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
167 °F	5:08	6:47	7:04	7:19		0

Thickening Time does not include batch time.

**Free Fluid**

Temp	Incl.	ml Collected	Start Time	Stop Time
167 °F	45	0 ml/250	9:16	11:16

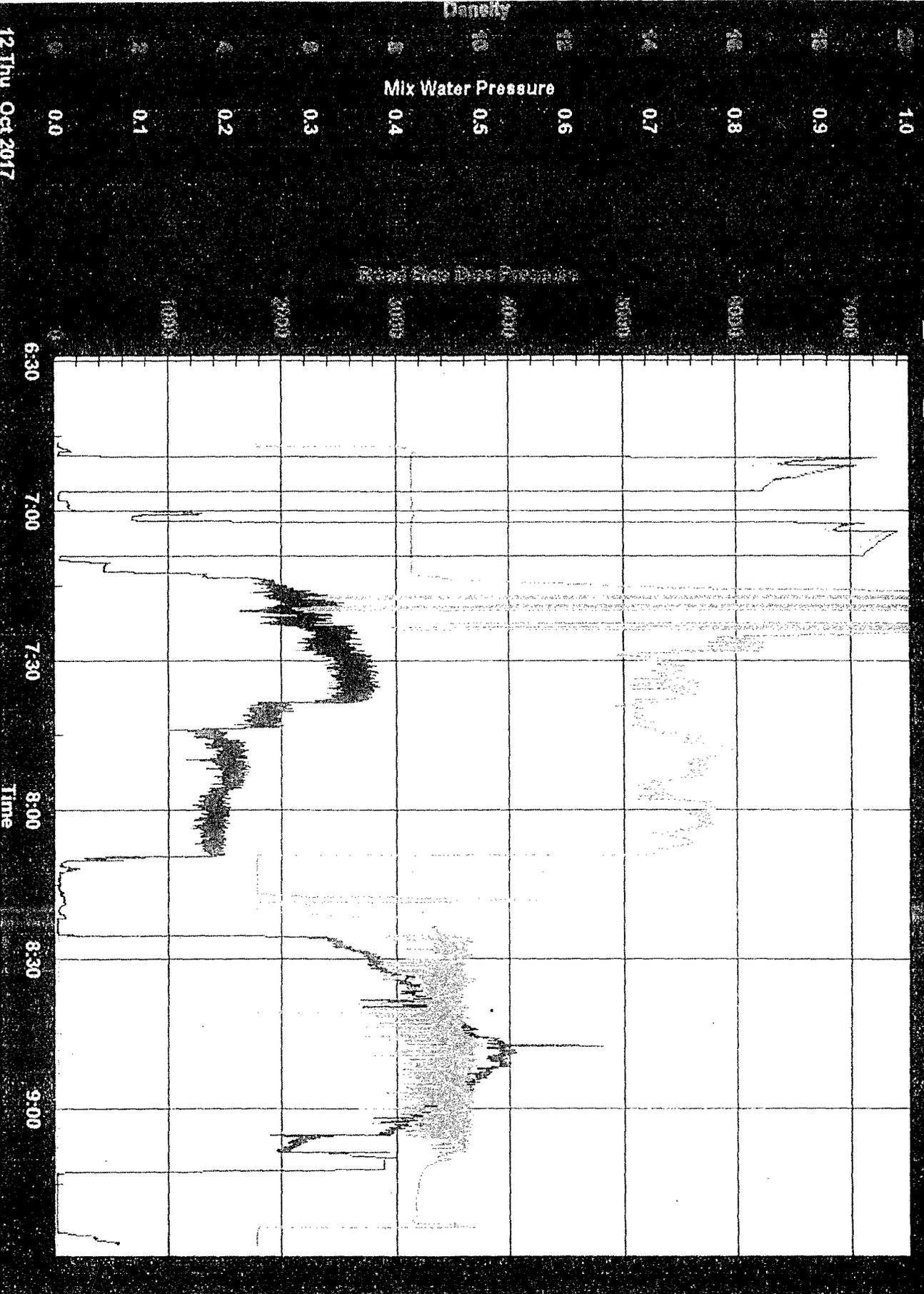
**Fluid Loss**

Temp	PSI	ml Collected	Minutes	API (Calc)
167 °F	1000	66 ml	At 4	361

**Comments**

The above data is for informational purposes, and Par Five Energy Services LLC, makes no guarantees or warranties, either expressed or implied, with respect to the accuracy or use of these data and interpretations

WPX\_RDX\_FEDERAL\_COM\_17\_46H\_LINER\_PUMP\_2051



12 Thu Oct 2017