

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.  
NMNM20965

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**

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

9. API Well No.  
30-015-43544

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

11. County or Parish, State  
EDDY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

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

3a. Address  
3500 ONE WILLIAMS CENTER MD35  
TULSA, OK 74172  
3b. Phone No. (include area code)  
Ph: 539-573-0218

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 17 T26S R30E 150FNL 1070FWL

**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 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 RKI EXPLORATION AND PRODUCTION, LLC CONCLUDED DRILLING & CEMENTING PRODUCTION CASING FOR THIS WELL. A SUMMARY OF THE DRILLING OPERATION IS AS FOLLOWS:

11/24/2017 PT Casing to 1,500, Test Good

11/30/2017

4-1/2" 13.5# HCP-110 CDC: 10,007? ? 15,465? CMT: Approximately 460 sks @ 14.5 ppg.

Bumped Plug @ 4300 psi, floats held. no cmt to sfc. Estimated TOC 10,029'.  
Rig Release 12/2/2017 at 06:00 hours

*bc 1-10-18*  
Accepted for record - NMOCD  
OIL CONSERVATION  
ARTESIA DISTRICT  
JAN 09 2018  
RECEIVED

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #398236 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 12/28/2017 (1)

Name (Printed/Typed) CRYSTAL FULTON Title PERMITS SPECIALIST  
Signature (Electronic Submission) Date 12/15/2017

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

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Office BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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.

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 \*\***

**Additional data for EC transaction #398236 that would not fit on the form**

**32. Additional remarks, continued**

The binded Post Job Report is attached.

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

**DESIGN - EXECUTE - EVALUATE - REPORT**

**LINER**

**WPX ENERGY**

**RDX FED COM. 17 37H**

**EDDY, NEW MEXICO**

**PRIMARY PUMP: 2002**  
**SECONDARY PUMP: 2051**

**PREPARED BY: TRAVIS KELSEY**

**SERVICE SUPERVISOR**

**ARTESIA DISTRICT**

**1-575-748-8610**

11/30/2017

# WELL SUMMARY

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

COMPANY NAME: WPX ENERGY	DATE: 11/30/2017	
LEASE NAME: RDX FEDERAL COM 17	OPERATOR NAME: WPX ENERGY	
WELL NUMBER: #37H	TICKET NUMBER: 7062	
API NUMBER: 30-015-43544	AFE NUMBER:	
SECTION: 17	TOWNSHIP: 26S	RANGE: 30E
COUNTY: EDDY	STATE: NM	
RIG NAME: H&P 556	COMPANY REP: BRYAN KNOOP	PHONE#: 361-533-4421

### DIRECTIONS

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

### NOTES

UPDATED BY MIKE ELLIOTT 10-26-17

### HSE

ALL EMPLOYEES WEAR PPE

### JOB PROCEDURE

PUMP 40 BBLs MUD PUSH  
PUMP 29.4 BBLs FRESH WATER  
PUMP 460 SKS SLURRY @ 14.5 PPG  
SHUT DOWN DROP PLUG  
DISPLACE WELL

# WELL SUMMARY

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

WELL /CASING DATA							
JOB TYPE: LINER				HOLE SIZE: 6 1/8			
TVD:				PREVIOUS CASING SIZE: 7			
PREVIOUS CASING LB/FT: 29#				PREVIOUS CASING DEPTH: 11082			
CASING SIZE: 4 1/2							
CASING LB/FT: 13.5				CASING GRADE: HCP-110			
FLOAT COLLAR DEPTH: 15376.52				SHOE JOINT LENGTH: 91.48			
DV TOOL DEPTH:				SECOND DV TOOL DEPTH:			
TOTAL DEPTH: 15468				TOTAL CASING : 5448			
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							
700# SUGAR							
EQUIPMENT							
SUPERVISOR:		Travis Kelsey		FIELD REPRESENTATIVE:			
PUMP OPERATOR:		Joseph Castillas		UNIT NUMBER:		1022/2002	
E/O:		Alfred Perches		UNIT NUMBER:		1037/2051	
E/O:		Dustin Coddington		UNIT NUMBER:		1027/2031	
E/O:		Erick Garcia		UNIT NUMBER:		1030/2024	
E/O:				UNIT NUMBER:			
FLUID DATA							
1ST 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 pps PF45 Defoamer					
DENSITY:	14.5	YIELD:	1.64	MIX H2O:	7.123	SACKS:	460
2ND SLURRY:							
DENSITY:		YIELD:		MIX H2O:		SACKS:	
3RD SLURRY:							
DENSITY:		YIELD:		MIX H2O:		SACKS:	
4TH SLURRY:							
DENSITY:		YIELD:		MIX H2O:		SACKS:	
5TH SLURRY							
DENSITY:		YIELD:		MIX H2O:		SACKS:	
DISPLACEMENT TYPE :		FW/OBM		DISPLACEMENT VOLUME:		181.34	MUD WEIGHT: 12.8





Customer: **WPX Energy**  
Well Name: **RDX Federal Com 17 #37H**  
County: **Eddy** State: **NM**  
Rig: **H&P 556**  
Salesman: **Chris DeLeon**

MD: **15580**  
TVD: **10744**  
BHST: **166**  
BHCT: **130**

Report Date: **November 22 2017**  
Stage: **Lead**  
String: **Liner**  
Blend Type: **Plant Blend**  
Reported By: **Hernandez, Patricia**

**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 %	BWOB	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-013	0.20% %	BWOB	Retarder	MM02C-2752BK
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	9	11.5	65	112.5	156	136.5	19.5
166 °F	36	45.5	118.5	165	207	132.75	74.25

**Thickening Time**

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
166 °F	5:54	7:25	7:52	8:05		0

Thickening Time does not include batch time.

**Free Fluid**

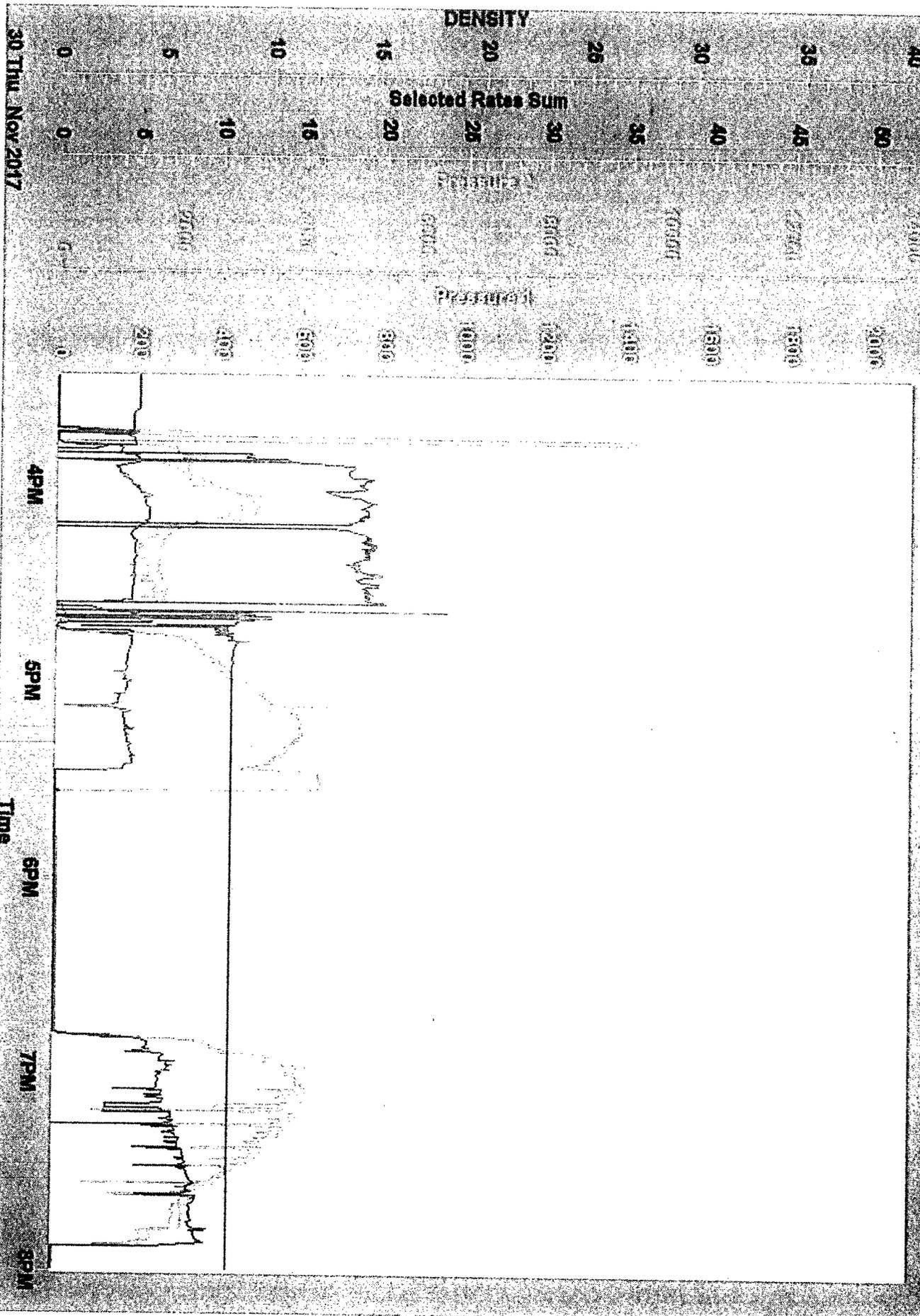
Temp	Incl.	ml Collected	Start Time	Stop Time
166 °F	45	0 ml/250	6:56	8:56

**Fluid Loss**

Temp	PSI	ml Collected	Minutes	API (Calc)
166 °F	1000	64 ml At 5		314

**Comments**

WPXENERGY\_RDXFEDCOM1737H\_2002\_JOSEPH



30 Thu Nov 2017