

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
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.
NMM20965

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RDX FEDERAL COM 17 46H

9. API Well No.
30-015-44410

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

11. County or Parish, State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

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 75FNL 2510FWL

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 2nd INTERVAL CASING & CEMENT WAS SET: 10/5/2017

7" 29# P-110 BTC: 0? ? 10,794?

Lead CMT: 855 sks @ 11.2 ppg, Tail: 235 sks @ 15.6 ppg. Bumped Plug @ 1300 psi, floats held. no to sfc.

10/6/2017 test casing to 1500psi for 30 minutes. Good Test.

The binded Post Job Report is attached.

DC 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 #391681 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 TESTER

Signature (Electronic Submission) Date 10/11/2017

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 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

DEEP INTERMEDIATE

WPX ENERGY

RDX FEDERAL COM 17 #46H

EDDY COUNTY NEW MEXICO

PRIMARY PUMP:	2019
SECONDARY PUMP:	2014

PREPARED BY: JASON AHLIN

SERVICE SUPERVISOR

ARTESIA DISTRICT

1-575-748-8610

10/5/2017

WELL SUMMARY



COMPANY NAME: WPX ENERGY	DATE: 10/5/2017	
LEASE NAME: RDX FEDERAL COM 17	OPERATOR NAME: WPX ENERGY	
WELL NUMBER: #46H	TICKET NUMBER: 6992	
API NUMBER:	AFE NUMBER:	
SECTION:	TOWNSHIP:	RANGE:
COUNTY: EDDY	STATE: NM	
RIG NAME: ORION 10	COMPANY REP: BRYAN KNOPP	PHONE#: 361-553-4421

DIRECTIONS

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

NOTES

UPDATED BY MIKE ELLIOTT 8-28-17

HSE

ALL EMPLOYEES WEAR PPE

JOB PROCEDURE

PUMP 20 BBLS GEL SPACER
PUMP 855 SKS LEAD SLURRY @ 11.2 PPG
PUMP 235 SKS TAIL SLURRY @ 15.6 PPG
SHUT DOWN DROP PLUG
DISPLACE WELL

WELL SUMMARY

PAR FIVE ENERGY SERVICES LLC

WELL /CASING DATA							
JOB TYPE: DEEP INTERMEDIATE				HOLE SIZE: 8 3/4			
TVD: 10692.3		PREVIOUS CASING SIZE: 9 5/8		PREVIOUS CASING LB/FT: 40		PREVIOUS CASING DEPTH: 3493	
CASING SIZE: 7							
CASING LB/FT: 29		CASING GRADE: P110		FLOAT COLLAR DEPTH: 10712.91		SHOE JOINT LENGTH: 85.09	
DV TOOL DEPTH:				SECOND DV TOOL DEPTH:			
TOTAL DEPTH: 10812		TOTAL CASING : 10798					
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: 7		QUICK CONNECT SIZE: 7					
DRILL PIN SIZE/TYPE:		THREAD:		BUTTRESS			
TUBING SWEDGE SIZE:		TAKE 2 -2 INCH REGULAR TUBING SWEDGES					
CHEMICALS NEEDED							
110# PF 424, 200# SUGAR							
EQUIPMENT							
SUPERVISOR: Daniel Moreno		FIELD REPRESENTATIVE:					
PUMP OPERATOR: Pablo Altamirano		UNIT NUMBER: 1009/2019					
E/O:		UNIT NUMBER: 1015/2014					
E/O:		UNIT NUMBER: 1029/2047					
E/O:		UNIT NUMBER:					
E/O:		UNIT NUMBER: 2034					
FLUID DATA							
1ST SLURRY:		PVL + 10% PF20 Bentonite + 8% PF60 PlexCrete FPZ + 1% PF13 Retarder + 0.7% PF606 Fluidloss +3 pps PF42 Kol-Seal + 0.4 pps PF45 Defoamer + 0.125 pps PF29 Cellophane					
DENSITY: 11.2	YIELD: 2.67	MIX H2O: 15.697	SACKS: 855				
2ND SLURRY:		H + 0.3% PF13 Retarder + 0.1% PF65 Dispersant					
DENSITY: 15.6	YIELD: 1.18	MIX H2O: 5.225	SACKS: 235				
3RD SLURRY:							
DENSITY:	YIELD:	MIX H2O:	SACKS:				
4TH SLURRY:							
DENSITY:	YIELD:	MIX H2O:	SACKS:				
5TH SLURRY							
DENSITY:	YIELD:	MIX H2O:	SACKS:				
DISPLACEMENT TYPE : OBM		DISPLACEMENT VOLUME: 398		MUD WEIGHT: 11.8			

WPPX

Well Name RDX Fed Com 17#4614

Rig # Orion Phoenix 10

Tier #1	Tier #2	Tier #3	Tier #4
Lead	Lead	Lead	Lead
Type of Cement: PUC+Add's	Type of Cement: PUC+Add's	Type of Cement: PUC+Add's	Type of Cement: PUC+Add's
Trucks: 5002	Trucks: 5002	Trucks: 5005	Trucks: 5005
Trailers: 6002	Trailers: 6002	Trailers: 6005	Trailers: 6005
Sacks: 214	Sacks: 214	Sacks: 214	Sacks: 214
Date:	Date:	Date:	Date:
Driver:	Driver:	Driver:	Driver:



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

ART17-7627-01FB

Customer: WPX Energy MD: 11269 Report Date: September 30 2017
 Well Name: RDX Federal Com 17 #46H TVD: 10920 Stage: Lead
 County: Eddy State: NM BHST: 167 String: 2nd Intermediate
 Rig: Orion Phoenix BHCT: 131 Blend Type: Plant Blend
 Salesman: Chris DeLeon Reported By: Salmon, Mari

Slurry Information

Density: 11.20 ppg Yield: 2.68 cuft/sk Mix Fluid: 15.747 gal/sk

Slurry Composition

Cement Blend: PVL

Additive	Conc	%	Design	Description	Lot Number
PF-020	10.00%	%	BWOB	Bentonite Gel	Bulk
PF-060	8.00%	%	BWOB	FPZ Strength Enhancer	
PF-013	1.00%	%	BWOB	Retarder	MM02C-2752BK
PF-606	0.70%	%	BWOB	Fluid Loss	GS20121C01-26
PF-042	3.000	lb/sk	BWOB	KOLSEAL	Bulk
PF-045	0.400	lb/sk	BWOB	Defoamer	201304AC
PF-029	0.125	lb/sk	BWOB	Cellophane	

Rheology (Average Readings)

Temp	3	6	100	200	300	PV	YP
80 °F	1.5	1.5	6.5	10	15	12.75	2.25
131 °F	1.5	2.5	8.5	12.5	17	12.75	4.25

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
131 °F	6:28	6:54	7:17	7:34		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
131 °F	0	0 ml/250	7:49	9:49

Fluid Loss

Temp	PSI	ml Collected	Minutes	API (Calc)
131 °F	1000	85 ml	At 30	170

UCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
167	19:15	24:24	19		472	

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.



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

ART17-7627-02FB
 1500

Customer: WPX Energy MD: 11269 Report Date: September 30 2017
 Well Name: RDX Federal Com 17 #46H TVD: 10920 Stage: Tail
 County: Eddy State: NM BHST: 167 String: 2nd Intermediate
 Rig: Orion Phoenix BHCT: 131 Blend Type: Plant Blend
 Salesman: Chris DeLeon Reported By: Salmon, Mari

Slurry Information

Density: 15.60 ppg Yield: 1.18 cuft/sk Mix Fluid: 5.214 gal/sk

Slurry Composition

Cement Blend: Class H

Additive	Conc	Design	Description	Lot Number
PF-013	0.30% %	BWOB	Retarder	MM02C-2752BK

Rheology (Average Readings)

Temp	3	6	100	200	300	PV	YP
80 °F	1.5	1.5	7.5	15.5	19	17.25	1.75
131 °F	24.5	39.5	133.5	141.5	146	18.75	127.25

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
131 °F	3:29	3:30	3:39	3:45		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
131 °F	0	0 ml/250	7:53	8:53

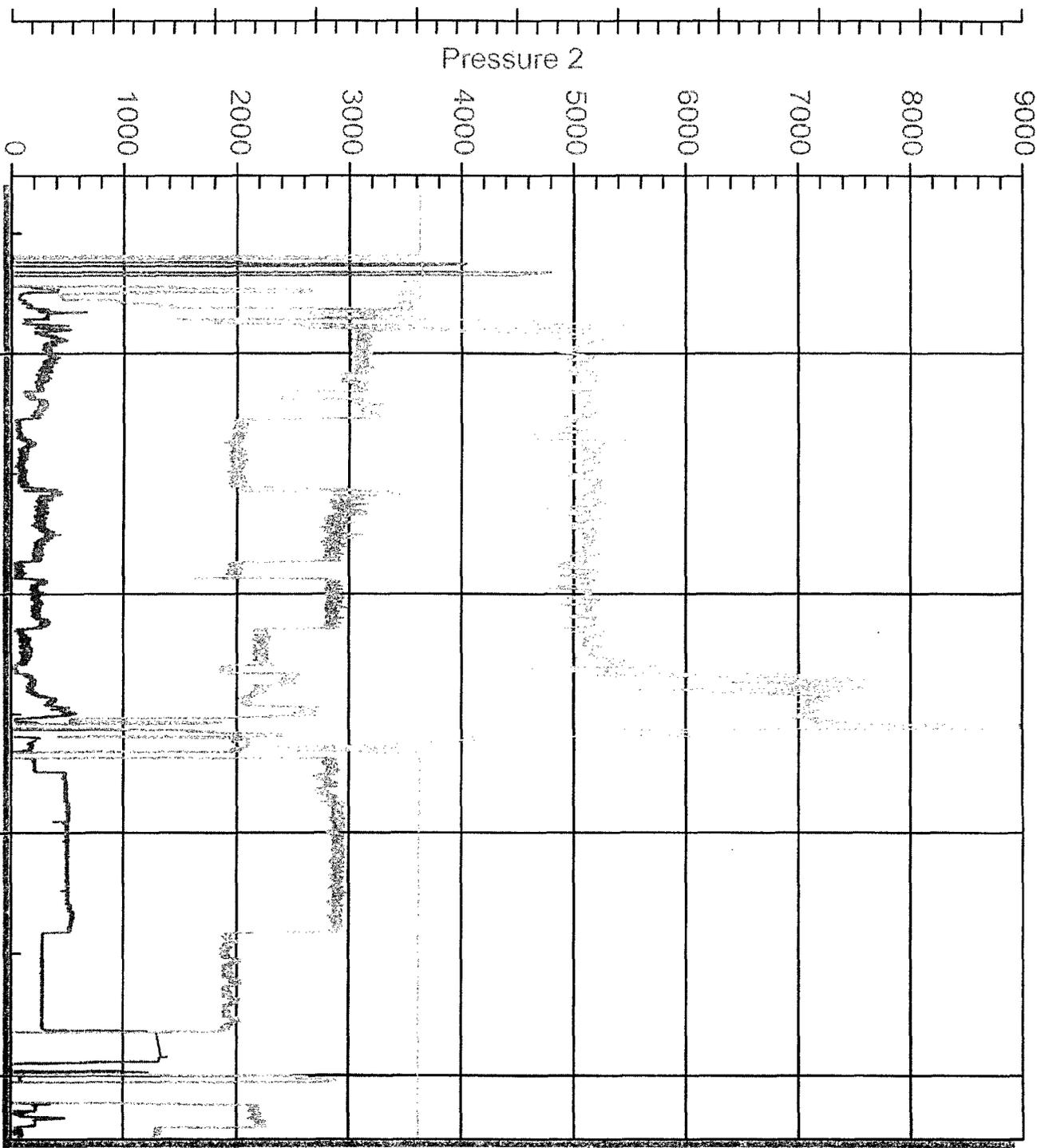
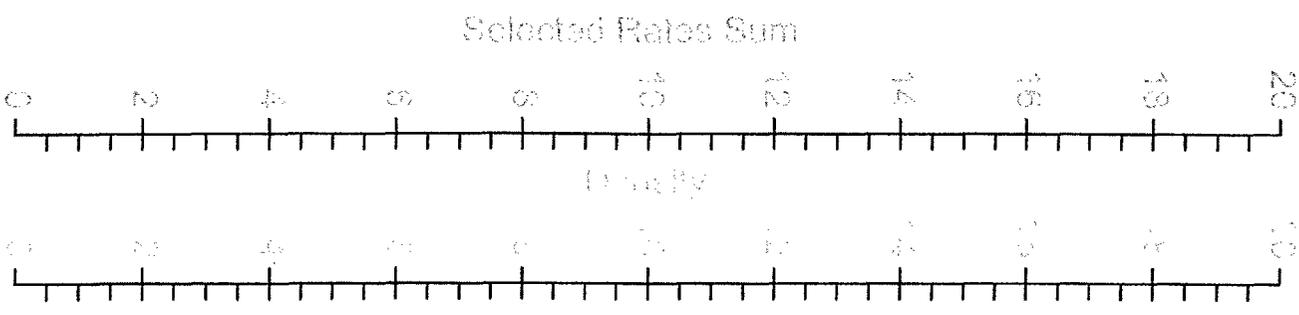
UCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
167	10:55	12:13	385	2806		

Comments

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WPX-RD-FED-COM-17-46H-DEEPI-INTERMEDIATE



5 Thu Oct 2017