

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.
NMNM20965

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 1ST INTERVAL CASING & CEMENT WAS SET: 9/28/2017

9.625" 40# J55: 0? ? 3,434?

Lead CMT: 850 sks @ 12.9 ppg, Tail: 200 sks @ 14.8 ppg. Bumped Plug @ 1,465 psi, floats held. 46bbbs/135sks to sfc.

9/28/2017 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
ARTESTA DISTRICT

NOV 07 2017

RECEIVED

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

Electronic Submission #390638 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 10/11/2017 ()

Name (Printed/Typed) CRYSTAL FULTON Title PERMITTING TECH

Signature (Electronic Submission) Date 10/03/2017

ACCEPTED FOR RECORD
OCT 13 2017
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

INTERMEDIATE

WPX ENERGY

RDX FEDERAL COM 17 #46H

EDDY COUNTY, NEW MEXICO

PRIMARY PUMP: 1038/2001

SECONDARY PUMP:

PREPARED BY: JASON AHLIN

SERVICE SUPERVISOR

ARTESIA DISTRICT

1-575-748-8610

9/28/2017

WELL SUMMARY



COMPANY NAME: WPX ENERGY	DATE: 9/28/2017	
LEASE NAME: RDX FEDERAL COM 17	OPERATOR NAME: WPX ENERGY	
WELL NUMBER: #46H	TICKET NUMBER: 6991	
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 650 SKS LEAD SLURRY @ 12.9 PPG
PUMP 200 SKS TAIL SLURRY @ 14.8 PPG
SHUT DOWN DROP PLUG
DISPLACE WELL

WELL SUMMARY



WELL/CASING DATA							
JOB TYPE: INTERMEDIATE				HOLE SIZE: 12 1/4			
TVD: 3493		PREVIOUS CASING LB/FT: 54.5		PREVIOUS CASING SIZE: 13 3/8		PREVIOUS CASING DEPTH: 1007	
CASING SIZE: 9 5/8							
CASING LB/FT: 40		FLOAT COLLAR DEPTH: 3447.53		CASING GRADE: J55		SHOE JOINT LENGTH: 45.47	
DV TOOL DEPTH:				SECOND DV TOOL DEPTH:			
TOTAL DEPTH: 3493		TOTAL CASING : 3493					
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:		9 5/8		QUICK CONNECT SIZE:		9 5/8	
DRILL PIN SIZE/TYPE:				THREAD:		8 RD	
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:		David Chavarria		UNIT NUMBER:		1038/2001	
E/O:				UNIT NUMBER:		1029/2047	
E/O:				UNIT NUMBER:			
E/O:				UNIT NUMBER:			
E/O:				UNIT NUMBER:			
FLUID DATA							
1ST SLURRY:		35/65 Poz/C + 5% (BWOW) PF44 Salt + 6% PF20 Bentonite + 0.5% PF79 Chemical Extender + 3 pps PF42 Kol-Seal + 0.4 pps PF45 Defoamer + 0.125 pps PF29 Cellophane					
DENSITY:	12.9	YIELD:	1.92	MIX H2O:	9.956	SACKS:	650
2ND SLURRY:		C + 0.2% PF13 Retarder					
DENSITY:	14.8	YIELD:	1.32	MIX H2O:	6.3	SACKS:	200
3RD SLURRY:							
DENSITY:		YIELD:		MIX H2O:		SACKS:	
4TH SLURRY:							
DENSITY:		YIELD:		MIX H2O:		SACKS:	
5TH SLURRY							
DENSITY:		YIELD:		MIX H2O:		SACKS:	
DISPLACEMENT TYPE :		H2O		DISPLACEMENT VOLUME:		261	
				MUD WEIGHT:			

WPX

RDX Feil Con 17#46h

Well Name

Rig # Orion Phoenix

Tier #1	Tier #2	Tier #3	Tier #4
lead	lead		
Type of Cement: 3 5/8" $\frac{1}{2}$ " + Adds	Type of Cement: 3 5/8" $\frac{1}{2}$ " + Adds	Type of Cement:	Type of Cement:
Trucks: 5604	Trucks: 5004	Trucks:	Trucks:
Trailers: 6004	Trailers: 6004	Trailers:	Trailers:
Sacks: 250	Sacks: 250	Sacks:	Sacks:
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

SEP 26 2017 *A 1116*
 ART17-7626-01F

Customer: WPX Energy
 Well Name: RDX Federal Com 17 #46H
 County: Eddy State: NM
 Rig: Orion Phoenix 10
 Salesman: Chris DeLeon

MD: 3434
 TVD: 3434
 BHST: 107
 BHCT: 91

Report Date: September 26 2017
 Stage: Lead
 String: Intermediate
 Blend Type: Pilot Blend
 Reported By: Hernandez, Patricia

Slurry Information

Density: 12.90 ppg Yield: 1.92 cuft/sk Mix Fluid: 9.955 gal/sk

Slurry Composition

Cement Blend: 35/65PozC

Additive	Conc	Design	Description	Lot Number
PF-044	5.000 %	BWOW	Salt	G3CB09
PF-020	6.00% %	BWOB	Bentonite Gel	Bulk
PF-079	0.50% %	BWOB	chemical Extender / Suspension Aid	44230101
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	27	40.5	72.5	76	80	11.25	68.75
91 °F	29	51.5	168	177	185	25.5	159.5

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
91 °F	2:10	2:26	3:07	3:27		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
91 °F	0	0 ml/250	5:38	7:38

UCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
107	4:07	7:43	936	1398		

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

SEP 27 2017 *[Signature]* 11/6

ART17-7626-02F

Customer: WPX Energy	MD: 3434	Report Date: September 26 2017
Well Name: RDX Federal Com 17 #46H	TVD: 3434	Stage: Tail
County: Eddy State: NM	BHST: 107	String: Intermediate
Rig: Orion Phoenix 10	BHCT: 91	Blend Type: Pilot Blend
Salesman: Chris DeLeon		Reported By: Hernandez, Patricia

Slurry Information

Density: 14.80 ppg Yield: 1.32 cuft/sk Mix Fluid: 6.311 gal/sk

Slurry Composition

Cement Blend: **Class C**

Additive	Conc	Design	Description	Lot Number
No Adds		BWOB		

[Handwritten signature]

Rheology (Average Readings)

Temp	3	6	100	200	300	PV	YP
80 °F	13.5	21	42	51.5	57	22.5	34.5
91 °F	17	27.5	77	90.5	100	34.5	65.5

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
91 °F	1:53	1:54	2:32	3:04		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
91 °F	0	0 ml/250	12:12	12:32

UCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
107	3:18	5:30	1819	2831		

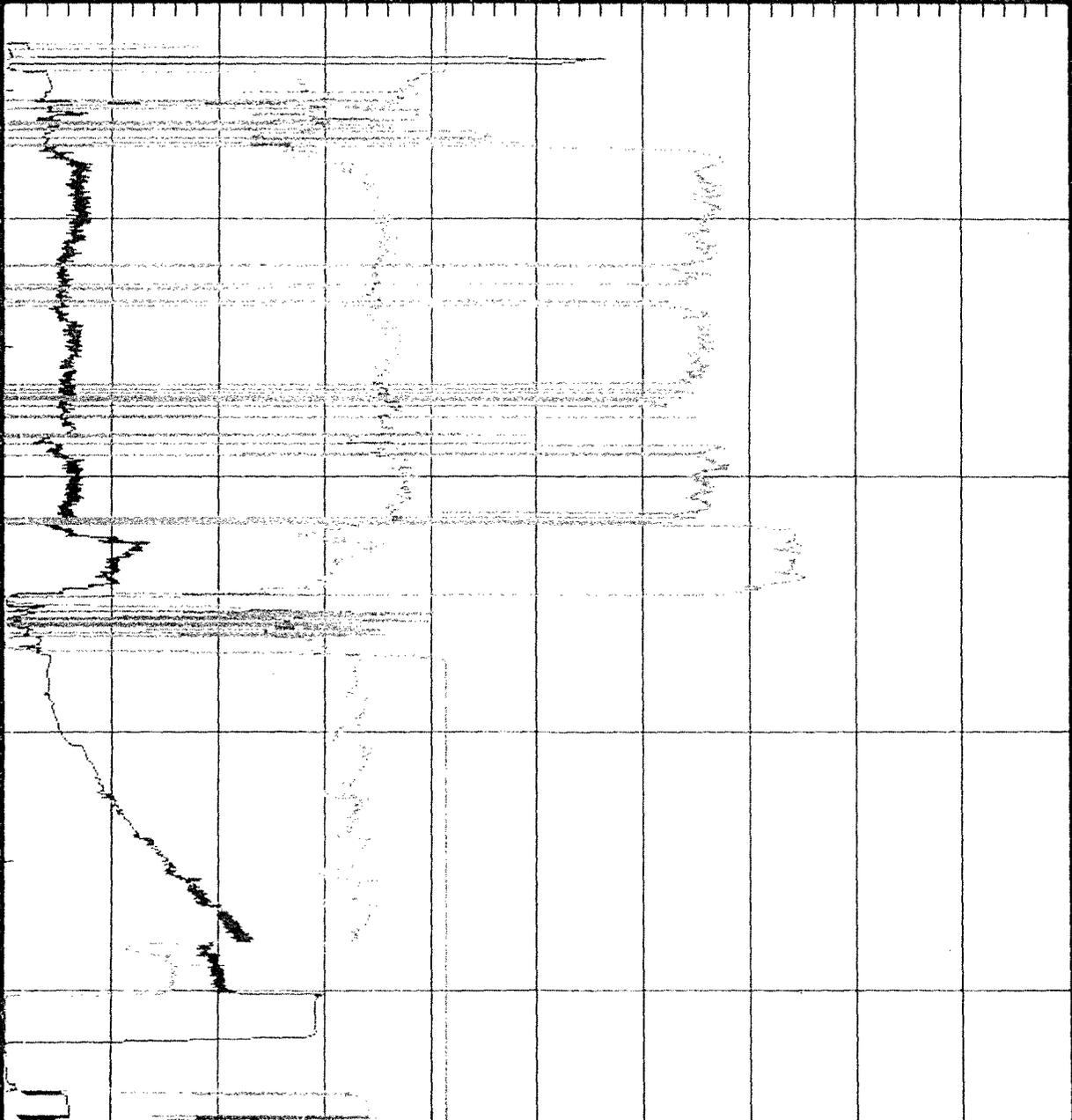
Comments

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 interpretation.

Selected Rates Grand Total

14000
12000
10000
8000
6000
4000
2000
0

DENSITY



1/1 1/2 1/3 1/4 1/5 1/6 1/7 1/8 1/9 1/10 1/11 1/12 1/13 1/14 1/15 1/16 1/17 1/18 1/19 1/20 1/21 1/22 1/23 1/24 1/25 1/26 1/27 1/28 1/29 1/30 1/31