

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS Artesia
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM101110
2. Name of Operator RKI EXPLORATION & PROD LL Contact: CRYSTAL FULTON E-Mail: crystal.fulton@wpenergy.com		6. If Indian, Allottee or Tribe Name
3a. Address 3500 ONE WILLIAMS CENTER MD35 TULSA, OK 74172	3b. Phone No. (include area code) Ph: 539-573-0218	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T26S R30E 75FNL 2485FWL		8. Well Name and No. RDX FEDERAL COM 17 45H
		9. API Well No. 30-015-44408
		10. Field and Pool or Exploratory Area PURPLE SAGE;WOLFCAMP(GAS)
		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 2ND INTERVAL CASING & CEMENT WAS SET: 9/23/2017

7? 29#HCP-110, BTC: 0? ? 10,985?

Lead CMT: 855 sks @ 11.2 ppg, Tail: 406 sks @ 15.6 ppg. Bumped Plug @ 670 psi, floats held, no Cement to Sfc. Lost Circ at 280 bbls gone on displacement. Received Dye back and small track cement.

9/24/2017 Install TA cap and torque with power wrench. Skid over to RDX Fed Com 17-46H.

The binded Post Job Report is attached.

OC 11-8-17
Accepted for record - NMOCD

TOL?

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 07 2017
RECEIVED

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

Electronic Submission #390046 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 II

Signature (Electronic Submission)

Date 09/27/2017

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 ****

PAR  FIVE
ENERGY SERVICES LLC

DESIGN - EXECUTE - EVALUATE - REPORT

DEEP INTERMEDIATE

WPX ENERGY

RDX FEDERAL COM 17 #45H

EDDY COUNTY, NEW MEXICO

PRIMARY PUMP:	2040
SECONDARY PUMP:	2036

PREPARED BY: DIEGO ORTEGA

SERVICE SUPERVISOR

ARTESIA DISTRICT

1-575-748-8610

9/23/2017

WELL SUMMARY



COMPANY NAME: WPX ENERGY	DATE: 9/23/2017	
LEASE NAME: RDX FEDERAL COM 17	OPERATOR NAME: WPX ENERGY	
WELL NUMBER: #45H	TICKET NUMBER: 6507	
API NUMBER: 30-015-44408	AFE NUMBER: WT 46157	
SECTION:	TOWNSHIP:	RANGE:
COUNTY: EDDY	STATE: NM	
RIG NAME: ORION 10	COMPANY REP: MIKE BRUNK	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



WELL/CASING DATA									
JOB TYPE: DEEP INTERMEDIATE					HOLE SIZE: 8 3/4				
TVD: 10736					PREVIOUS CASING SIZE: 9 5/8				
PREVIOUS CASING LB/FT: 40					PREVIOUS CASING DEPTH: 3482				
CASING SIZE: 7									
CASING LB/FT: 29					CASING GRADE: P110				
FLOAT COLLAR DEPTH: 10900.65					SHOE JOINT LENGTH: 84.35				
DV TOOL DEPTH:					SECOND DV TOOL DEPTH:				
TOTAL DEPTH: 11000					TOTAL CASING : 10985				
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: Diego Ortega			FIELD REPRESENTATIVE:						
PUMP OPERATOR: Porfirio Soto			UNIT NUMBER:		1036-2040				
E/O: Eric Mendoza			UNIT NUMBER:		1034-2036				
E/O:			UNIT NUMBER:		STEVEN QUIROZ (1011-2020)				
E/O:			UNIT NUMBER:		ALEX GONZALEZ				
E/O:			UNIT NUMBER:		FB-2034 BP-4014				
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: 404			MUD WEIGHT:		13	



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

ART17-7623-01P

Customer: WPX Energy
 Well Name: RDX Federal Com 17 #45H
 County: Eddy State: NM
 Rig: Orion Phoenix
 Salesman: Chris DeLeon

MD: 11269
 TVD: 10920
 BHST: 167
 BHCT: 131

Report Date: September 18 2017
 Stage: Lead
 String: 2nd Intermediate
 Blend Type: Pilot Blend
 Reported By: Rodriguez, Sonny

Drilling Parameters

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	

Drilling - Mud Properties

Temp	3	6	100	200	300	PV	YP
80 °F	6.5	7.5	13.5	18.5	23	14.25	8.75
131 °F	7.5	8.5	20.5	28.5	35	21.75	13.25

Drilling - Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
131 °F	5:40	5:59	6:23	6:33		0

Thickening Time does not include batch time.

Drilling - Flow

Temp	Incl.	ml Collected	Start Time	Stop Time
131 °F	0	0 ml/250	5:31	7:31

Drilling - Pressure

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

Drilling - Compressive Strength

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

Conclusions

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

ART17-7623-02P

Customer: WPX Energy MD: 11269 Report Date: September 18 2017
 Well Name: RDX Federal Com 17 #45H TVD: 10920 Stage: Tail
 County: Eddy State: NM BHST: 167 String: 2nd Intermediate
 Rig: Orion Phoenix BHCT: 131 Blend Type: Pilot Blend
 Salesman: Chris DeLeon Reported By: Rodriguez, Sonny

Slurry Properties

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

Fluid Properties (Average @ 131°F)

Temp	3	6	100	200	300	PV	YP
80 °F	2.5	3.5	8.5	15.5	22	20.25	1.75
131 °F	21.5	37.5	114.5	123.5	130	23.75	106.75

Thickening Times

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
131 °F	2:45	2:52	3:10	3:17		0

Thickening Time does not include batch time.

Fluid Loss

Temp	Incl.	ml Collected	Start Time	Stop Time
131 °F	0	0 ml/250	5:25	6:25

Fluid Viscosity

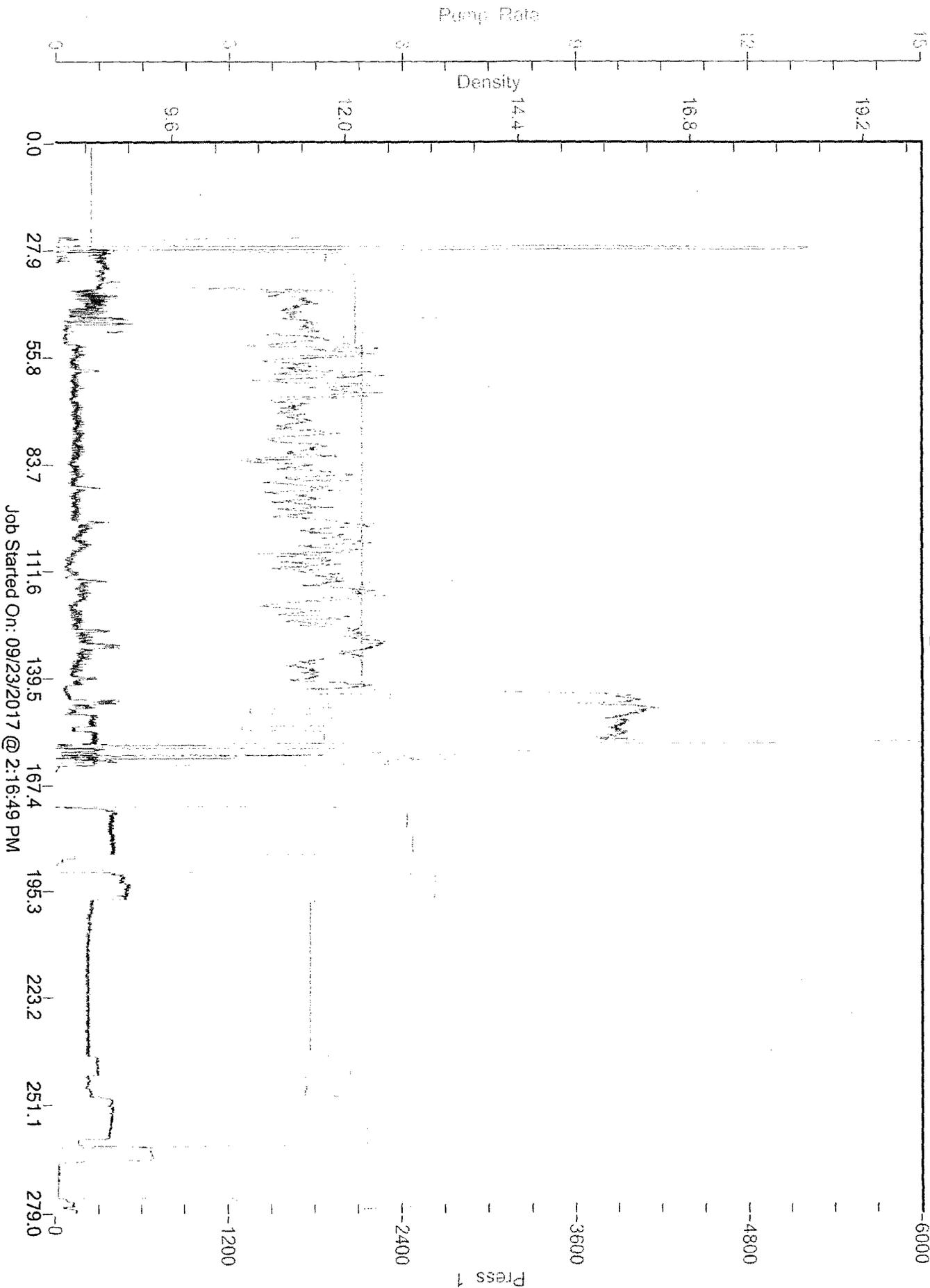
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
167	6:39	8:48	1439	2862		

Comments

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WPX

RDX FED COM 17 #45H_7 DEEP INTERMEDIATE.



Job Started On: 09/23/2017 @ 2:16:49 PM