

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. RDX FEDERAL 17 35H
2. Name of Operator RKI EXPLORATION & PROD LLC		9. API Well No. 30-015-43884-00-X1
3a. Address 3500 ONE WILLIAMS CENTER MD 35 TULSA, OK 74172		10. Field and Pool or Exploratory Area UNDESIGNATED
3b. Phone No. (include area code) Ph: 539-573-0218		11. County or Parish, State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T26S R30E NWNW 150FNL 895FWL		

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 recomplate 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 RKI EXPLORATION & PRODUCTION, LLC SET 2ND INTERMEDIATE:

06/06/2017 2nd Intermediate

7" 29# P-110HC: 0-11,653 Lead: 645 sks @ 11.2 ppg & Tail: 520 sks @ 15.6 ppg, bump plug @ 607 psi, floats held, no cement to surface.

The binded Post Job Report is attached.

Csg Not Tested
BC 7-18-17
Accepted for record - NMOCD

NM OIL CONSERVATION
ARTESIA DISTRICT
JUL 17 2017

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

**Electronic Submission #378661 verified by the BLM Well Information System
For RKI EXPLORATION & PROD LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 06/13/2017 (17DLM2007SE)**

Name (Printed/Typed) CRYSTAL FULTON	Title PERMITTING TECH II
Signature (Electronic Submission)	Date 06/12/2017

RECEIVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	ZOTA STEVENS Title PETROLEUM ENGINEER	Date 07/12/2017
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 Carlsbad

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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

PAR FIVE
ENERGY SERVICES LLC

DESIGN - EXECUTE - EVALUATE - REPORT

DEEP INTERMEDIATE

WPX ENERGY

RDX FEDERAL 17 #35H

EDDY COUNTY NEW MEXICO

PRIMARY PUMP:	2052
SECONDARY PUMP:	2032

PREPARED BY:CHRIS WILLIAMS/JOHN INGRAM

SERVICE SUPERVISOR

ARTESIA DISTRICT

1-575-748-8610

6/6/2017

WELL SUMMARY



WELL/CASING DATA										
JOB TYPE: DEEP INTERMEDIATE					HOLE SIZE: 8 3/4					
TVD: 11675					PREVIOUS CASING SIZE: 9 5/8					
PREVIOUS CASING LB/FT: 40					PREVIOUS CASING DEPTH: 3342					
CASING SIZE: 7										
CASING LB/FT: 29					CASING GRADE: P-110EC					
FLOAT COLLAR DEPTH 11562					SHOE JOINT LENGTH: 90.69					
DV TOOL DEPTH:					SECOND DV TOOL DEPTH:					
TOTAL DEPTH: 11675					TOTAL CASING : 11653					
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:			8 ROUND		
TUBING SWEDGE SIZE					TAKE 2 -2 INCH REGULAR TUBING SWEDGES					
CHEMICALS NEEDED										
EQUIPMENT										
SUPERVISOR:			John Ingram			FIELD REPRESENTATIVE:				
PUMP OPERATOR:			Javier Gonzalez			UNIT NUMBER:		2052		
E/O:			Rogelio Alvarez			UNIT NUMBER:		2032		
E/O:			Pablo Altamirano			UNIT NUMBER:				
E/O:						UNIT NUMBER:				
E/O:						UNIT NUMBER:				
FLUID DATA										
1ST SLURRY:		645 SKS PVL +10% PF20 BENTONITE +8% PF60 PLEXCRETE FPZ+0.9%PF13 RETARDER+0.7%PF606 FLUIDLOSS+3PPS PF42 KOL-SEAL+0.4PPSPF45 DEFOAMER+0.125PPS PF29 CELLOPHANE.								
DENSITY:	11.2	YIELD:	2.67	MIX H2O:	15.694	SACKS:	645			
2ND SLURRY:		H+0.3% PF13 RETARDER								
DENSITY:	15.6	YIELD:	1.18	MIX H2O:	5.214	SACKS:	520			
3RD SLURRY:										
DENSITY:		YIELD:		MIX H2O:		SACKS:				
4TH SLURRY:										
DENSITY:		YIELD:		MIX H2O:		SACKS:				
5TH SLURRY										
DENSITY:		YIELD:		MIX H2O:		SACKS:				
DISPLACEMENT TYPE :				DISPLACEMENT VOLUME:			MUD WEIGHT:			

WPX_RDX_FED_17_35H_PUMP_2052



DNT
1112



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

ART17-7160-01P

Customer: WPX Energy	MD: 11616	Report Date: May 30 2017
Well Name: RDX Federal 17 #35H	TVD: 11489	Stage: Lead
County: Eddy State: NM	BHST: 172	String: 2nd Intermediate
Rig: Orion Pegasus 9	BHCT: 135	Blend Type: Pilot Blend
Salesman: Chris DeLeon		Reported By: Rodriguez, Sonny

Slurry Information

Density: 11.20 ppg Yield: 2.68 cuft/sk Mix Fluid: 15.744 gal/sk

Slurry Composition

DNT

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	0.90% %	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	11.5	16	14.25	1.75
135 °F	1.5	1.5	6.5	10.5	14	11.25	2.75

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
135 °F	3:06	4:22	4:46	4:59		0

Thickening Time does not include batch time.

Fluid Loss

Temp	Incl.	ml Collected	Start Time	Stop Time
135 °F	0	2 ml/250	3:26	5:26

Fluid Loss

Temp	PSI	ml Collected	Minutes	API (Calc)
135 °F	1000	96 ml	At 28	199

UCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
172	9:54	17:43	136	618	716	

Conclusions

DRT
1/12



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

ART17-7160-02P

Customer: WPX Energy	MD: 11616	Report Date: May 30 2017
Well Name: RDX Federal 17 #35H	TVD: 11489	Stage: Tail
County: Eddy State: NM	BHST: 172	String: 2nd Intermediate
Rig: Orion Pegasus 9	BHCT: 135	Blend Type: Pilot Blend
Salesman: Chris DeLeon		Reported By: Rodriguez, Sonny

Slurry Information

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

Slurry Composition

DRT

Cement Blend: Class H

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

Rheology (Average Results)

Temp	3	6	100	200	300	PV	YP
80 °F	1.5	2.5	9.5	16.5	24	21.75	2.25
135 °F	24.5	46.5	118.5	127.5	137	27.75	109.25

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
135 °F	3:33	3:43	3:51	3:59		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
135 °F	0	0 ml/250	9:54	10:54

PCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
172	12:09	14:13	37	2256		

Comments