Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NMOCD Artesia

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

Expires: January 31
5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

abandoned we	II. Use form 3160-3 (APD) for such p	proposals.		6. If Indian, Allottee	or Tribe Name
SUBMIT IN	TRIPLICATE - Other instr	uctions on	page 2		7. If Unit or CA/Agre	eement, Name and/or No.
Type of Wetl ☐ Oil Well	10r				8. Well Name and No RDX FEDERAL (
Name of Operator RKI EXPLORATION & PROD	Contact: (CRYSTAL FO			9. API Well No. 30-015-44408	
3a. Address 3500 ONE WILLIAMS CENTE TULSA, OK 74172	ER MD35	3b. Phone No Ph: 539-57	. (include area code) '3-0218)	10. Field and Pool or PURPLE SAGE	Exploratory Area E;WOLFCAMP(GAS
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)		· · · · · · · · · · · · · · · · · · ·		11. County or Parish,	State
Sec 17 T26S R30E 75FNL 24	85FWL				EDDY COUNT	Y, NM
12. CHECK THE AI	PPROPRIATE BOX(ES)	TO INDICA	TE NATURE O	F NOTICE, I	REPORT, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OI	F ACTION		
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Production	on (Start/Resume)	■ Water Shut-Off
	☐ Alter Casing	☐ Hyd	raulic Fracturing	☐ Reclama:	tion	☐ Well Integrity
Subsequent Report	☐ Casing Repair	□ New	Construction	☐ Recompl	ete	Other
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug	and Abandon	☐ Tempora	rily Abandon	Drilling Operations
	☐ Convert to Injection	Plug	Back	□ Water Di	sposal	
testing has been completed. Final At determined that the site is ready for final PLEASE BE ADVISED THE S	inal inspection.				NM O	IL CONSERVATION
13.375? 54.5# J-55 ST&C: 0? @ 980 psi, floats held, circ 11	? 1012'. Lead: 660 sks @ 0 bbls/357 sks to 8fc.	13.5 ppg &	Tail: 200 sks @	14.8 ppg, bui	mp plug	NOV 07 2017
9/14/2017 PT casing to 1,500	psi for 30 mins.					- Lawren
The binded Post Job Report is		oted for rec	1-8-17 ord - NMOCD			RECEIVED
14. I hereby certify that the foregoing is	Electronic Submission #39 For RKI EXPLOR Committed to AFMSS for p	RATION & PR	OD LL, sent to the JENNIFER SANG	ne Carlsbad CHEZ on 10/1	1/2017 ()	
Name (Printed/Typed) CRYSTAL	FULTON		Title PERMIT	THING TECH	TD FOR DE	0000
Signature (Electronic S	submission)	,	Date 09/27/21	AUGEP 17	ED FOR RE	CORD
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE US	F 16 2014	Alb /
Approved By			Title	BIREMI		Пате
Conditions of approval, if any, are attache certify that the applicant holds legal or equal which would entitle the applicant to condu	itable title to those rights in the s		Office	OWRLS	DFLAXD MANAGEN SBAD FIELD OFFICE	IENTZ V
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a catatements or representations as to			willfully to mak	te to any department or	agency of the United



ENERGY SERVICES LLC

DESIGN - EXECUTE - EVALUATE - REPORT

SURFACE

WPX ENERGY RDX FEDERAL COM 17 #45H EDDY COUNTY, NEW MEXICO

PRIMARY PUMP: SECONDARY PUMP:

1031/2032

PREPARED BY: IVAN GARCIA

SERVICE SUPERVISOR
ARTESIA DISTRICT
1-575-748-8610

9/13/2017

WELL SUMMARY



ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY		DATE:	9/13/201	.7		
LEASE NAME:	RDX FEDERAL COM 17		OPERATO	R NAME:	WPX ENER	GY	
WELL NUMBER:	#45H		TICKET N	UMBER:	6733		
API NUMBER:			AFE NUM	BER:			
SECTION:		TOWNSHIP):			RANGE:	
COUNTY: EDDY			STATE:	NM			
RIG NAME: ORION 1	0	COMPANY	REP:	BRYAN KI	NOPP	PHONE#:	361-533-4421
	General Andrews Comment	· Wak w	DIRECTION	VS PARTY A	Market Comment	Latera de	e si e come a descripto se e co

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

IOB PROCEDURE

PUMP 20 BBLS GEL SPACER PUMP 660 SKS LEAD SLURRY @ 13.5 PPG

PUMP 200 SKS TAIL SLURRY @ 14.8 PPG SHUT DOWN DROP PLUG DISPLACE WELL

WELL SUMMARY



ENERGY SERVICES LLC

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			AT VEASING	DATA		in the section of	
JOB TYPE: SURFACE			HOLE SIZE	1	17 1/2		
TVD:			PREVIOUS	CASING SIZE	:		
PREVIOUS CASING LB/	FT:		PREVIOUS	CASING DEF	TH:		
CASING SIZE:	13 3/8						
CASING LB/FT:	54.5		CASING G	RADE:	J55		
FLOAT COLLAR DEPTH	:964.33		SHOE JOIN	T LENGTH:	42.67		
DV TOOL DEPTH:			SECOND D	V TOOL DEP	TH:		
TOTAL DEPTH:	1035		TOTAL CAS	SING:	1007		
	orac Casa e de la casa	e protesta de la composição de la compos	UBULAR DA	TATA	W.		
TBG/D.P. SIZE:			TBG/D.P. [DEPTH:			
TBG/D.P. LB/FT:			TOOL DEP	TH:			
PACKER OR RETAINER			PERF/HOL	E DEPTH:			
		SUR	ACE EQUIP	MENT			
CEMENT HEAD SIZE:			QUICK CO	NNECT SIZE:			
DRILL PIN SIZE/TYPE:			THREAD:				,
TUBING SWEDGE SIZE			TAKE 2 -2	INCH REGUL	AR TUBING	SWEDGES	
A STATE OF THE STA		e e se se se se € CHE	MICALS NE	EDED**		(花春) (宋) 上汉。	30,37,42,334
110# PF 424, 200# SU							
	建设建设设置		EQUIPMEN	T.			
SUPERVISOR:	Ivan Garcia		FIELD REP	RESENTATIV	E:		
PUMP OPERATOR:			UNIT NUM	IBER:	1031/2032	2 FERNANDO GARC	IA
E/O:			UNIT NUM	IBER:	1011/2020	ERICK GARCIA	
E/O:			UNIT NUM	IBER:			
E/O:			UNIT NUM				
		· · · · · · · · · · · · · · · · · · ·					
E/O:			UNIT NUM		FIELD BIN	# 2034	
	LE LAW DE20 Bonts	nite + 1% PF1 Calcium	FLUID DAT		AND A STATE OF THE		
407044554	T 4/0 PFZU Bento	nuce + 1/0 FF1 Calcium	· v pps rr43	Derbanner + U	.123 hhs LL52	Cellobilatie	
1ST SLURRY:							
1ST SLURRY: DENSITY: 13.5	YIELD: 1.7	3 MIX H2O:	9.116	SACKS:		660	
DENSITY: 13.5	YIELD: 1.7 C + 2% PF1 Calciur		9.116	SACKS:		660	4444
		n		SACKS:		660 200	
DENSITY: 13.5 2ND SLURRY:	C + 2% PF1 Calciur	n					
DENSITY: 13.5 2ND SLURRY: DENSITY: 14.8	C + 2% PF1 Calciur	n					
DENSITY: 13.5 2ND SLURRY: DENSITY: 14.8 3RD SLURRY: DENSITY:	C + 2% PF1 Calciur YIELD: 1.3	MIX H2O:		SACKS:			
DENSITY: 13.5 2ND SLURRY: DENSITY: 14.8 3RD SLURRY: DENSITY: 4TH SLURRY:	C + 2% PF1 Calciur YIELD: 1.3 YIELD:	MIX H2O:		SACKS:			
DENSITY: 13.5 2ND SLURRY: DENSITY: 14.8 3RD SLURRY: DENSITY: 4TH SLURRY: DENSITY: DENSITY:	C + 2% PF1 Calciur YIELD: 1.3	MIX H2O:		SACKS:			
DENSITY: 13.5 2ND SLURRY: DENSITY: 14.8 3RD SLURRY: DENSITY: 4TH SLURRY:	C + 2% PF1 Calciur YIELD: 1.3 YIELD:	MIX H2O:		SACKS:			

JOB LOG



IERGV | DATE: 9/13/2017

COMPANY N	AME:	WPX EN	ERGY		DATE: 9/13/2017
LEASE NAME	:	RDX FED	ERAL COM:	17	TICKET NUMBER: 6733
WELL NUMB	ER:	#45H			JOB TYPE: SURFACE
SCHEDULED	LOCATIO	ON TIME		16:00	
TIME ARRIVE				16:00	TIME LEFT LOCATION 9/14/2017 4:00
TIME	PRES	SURE	VOLUME	RATTE	ieog detales
	D.P	(e/tsil/(6)			
13:45					PRE-CONVOY MEETING
14:00					DEPARTURE FROM YARD
- 16:00					ARRIVE LOCATION
16:15					HAZZARD ASSESMENT
16:30					PRE-RIG UP MEETING
17:30					RIG STARTED RUNNING CASING
22:00					RIG FINISHED RUNNING CASING
22:37					PRE JOB SAFETY MEETING
- 22:58	XXX	2000	0.5	0.5	TEST LINES
23:03	XXX	180	20	6	GEL SPACER WITH DYE
23:06	XXX	400	203	7.5	LEAD CEMENT @ 13.5 PPG
23:36	XXX	550	47	6	TAIL CEMENT @ 14.8 PPG
23:47	XXX				SHUT DOWN DROP PLUG
23:50	XXX	770	139	7.5	DISPLACEMENT
0:10	XXX	410	10	3	SLOW RATE
- 0:13	XXX	980			BUMP PLUG
0:18	XXX				CHECK FLOATS/ FLOATS HELD
- 1:00	XXX				RIG DOWN SAFETY MEETING
					CIRCULATED 110 BBLS/ 357 SACKS OF CEMENT TO SURFACE
					
					THANK YOU FOR USING PAR FIVE ENERGY SERVICES
		L			

1 way Mileage Pounds Tons Ton Mileage Total Cuft REC PF003 PF909 PF49 PF132 PF20 PF44 PF42 PF001 PF001 PF001 PF006 PF006 PF009 PF128 PF132 PF103 PF003 PF003 PF003 PF003 PF005 PF112 PF103 PF005 PF112 PF103 100 84732 42 4200 922 Co. : Well: Date: WFX ENERGY #45H 9/13/2017 PF424
Piug
Sugar
PF47
PF47
Sapp
PF840
PF803 Notes:



Par Five Energy Services, LLC

ART17-7621-01P

ENERGY SERVICES LLC

11279 Lovington Hwy Artesia, NM

Phone(575)748-8610 Fax: (575) 748-8625

Customer: WPX Energy

MD: 950

Report Date: August 28 2017

Well Name: RDX Federal Com 17#45H

TVD: 950

Stage: Lead

County: Eddy

State: NM

BHST: 88

String: Surface

Rig: Orion Phoenix 10

BHCT: 81

Blend Type:

Pilot Blend

Salesman: Chris DeLeon

Reported By: Rodriguez, Sonny

Slarey Information

Density: 13.50 ppg

Yield: 1.73 cuft/sk

Mix Fluid: 9.123 gal/sk

Slurry Composition 1

Class C Cement Blend:

Additive

Conc 4.00% %

Design Description **BWOB** Bentonite Gel Lot Number

Bulk

PF-001

1.00% %

BWOB Calcium Chloride

364AD1732

PF-045

PF-020

0.400 lb/sk --

BWOB Defoamer

201304AC

0.125 lb/sk -

PF-029

BWOB Cellophane

	J. 10 12 12 12	Klineal	οργ (ΑΙΧε	age Re	idings)		PK()
Temp	3	6	100	200	300	PV	ΥP

Thickening time POD 30 Bc 50 Bc 70 Bc 100 Bc Batch Time Temp 81 °F 2:58 1:16 2:01 3:27

72.5 77 81 °F 21.5 32.5 66.5 15.75 61.25 Thickening Time does not include batch time.

		fāyaş(filiji)i		
Temp	Incl	ml Collected	Start Time	Stop Time
81 °F	0	0 ml/250	8:00	8:20

iVSA Compressive Scengic								
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr		
88	3:02	8:53	668	1069				



Par Five Energy Services, LLC

ART17-7621-02P

ENERGY SERVICES LLC

11279 Lovington Hwy Artesia, NM

Phone(575)748-8610 Fax: (575) 748-8625

Customer: WPX Energy

MD: 950

Report Date: August 28 2017

Well Name: RDX Federal Com 17#45H

TVD: 950

Stage: String:

Tail Surface

County: Eddy

State: NM

BHST: 88

Pilot Blend

Rig: Orion Phoenix 10

BHCT: 81

Blend Type: Reported By: Rodriguez, Sonny

Salesman: Chris DeLeon

Situayihilornation

Slurry Composition (**)

Density: 14.80 ppg

Yield: 1.34 cuft/sk

Mix Fluid: 6.307 gal/sk

Cement Blend: Class C

Additive PF-001

Conc

2.00% %

Design Description **BWOB** Calcium Chloride Lot Number 364AD1732

1:05



	Rheology,(Average Readings)								
Temp	3	6	100	200	300	PV	ΥP		

Temp 81 °F

Thickening time POD 30 Bc 50 Bc 70 Bc

1:41

1:12

0

81 °F 19.5 36.5 67.5 80.5 89 32.25 56.75

Thickening Time does not include batch time.

2:35

(bindFloers)								
Temp	Incl.	ml Collected	Start Time	Stop Time				
81 °F	0	0 ml/250	8:31	8:51				

SEA Compassive/Strangth							
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr	
88	2:21	5.29	1277	2164			

