

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**Carlsbad Field Office**  
**OCD 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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

1. Type of Well

Oil Well  Gas Well  Other

8. Well Name and No.  
RDX FEDERAL 17 35H

2. Name of Operator

RKI EXPLORATION & PROD LLC

Contact: CRYSTAL FULTON

E-Mail: crystal.fulton@wpenergy.com

9. API Well No.

30-015-43884-00-X1

3a. Address

3500 ONE WILLIAMS CENTER MD 35  
TULSA, OK 74172

3b. Phone No. (include area code)

Ph: 539-573-0218

10. Field and Pool or Exploratory Area  
UNDESIGNATED

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 17 T26S R30E NWNW 150FNL 895FWL

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 recomple 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 recomple 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 THE WELL SET SURFACE CASING & FIRST INTERMEDIATE:

05/22/2017 Surface Casing

13.375? 54.5# J-55: 0? ? 1,036? Lead: 650 sks @ 13.5 ppg & Tail: 200 sks @ 14.8 ppg, bump plug @ 950 psi, floats held, circ 109 bbls/353 sks cement to surface.

05/26/2017 1st Intermediate

9.625? 40# J-55: 0? - 3,386? Lead: 640 sks @ 12.9ppg & Tail: 200 sks @ 14.8 ppg, bump plug @1,460 psi, floats held, circ 60 bbls/175 sks cement to surface.

The binded Post Job Reports are attached.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUL 03 2017

RECEIVED

*PC 7-6-17*  
Accepted for record - NMOCD

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

Electronic Submission #377846 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 06/05/2017 (17DLM1900SE)

Name (Printed/Typed) CRYSTAL FULTON

Title PERMITTING TECH I

Signature (Electronic Submission)

Date 06/02/2017

**ACCEPTED FOR RECORD**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

**ACCEPTED**

Title

MUSTAFA HAQUE  
PETROLEUM ENGINEER

Date 06/21/2017

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

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**PAR  FIVE**  
**ENERGY SERVICES LLC**

**DESIGN - EXECUTE - EVALUATE - REPORT**

**SURFACE**

**WPX ENERGY**

**RDX FEDERAL 17 #35H**

**EDDY COUNTY, NEW MEXICO**

**PRIMARY PUMP: 2040**  
**SECONDARY PUMP:**

**PREPARED BY: DIEGO ORTEGA**

**SERVICE SUPERVISOR**

**ARTESIA DISTRICT**

**1-575-748-8610**

5/22/2017

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUL 03 2017

RECEIVED

WELL SUMMARY

**PAR FIVE**

**ENERGY SERVICES LLC**

COMPANY NAME: WPX ENERGY	DATE: 5/22/2017	
LEASE NAME: RDX FED 17	OPERATOR NAME: WPX ENERGY	
WELL NUMBER: #35H	TICKET NUMBER: 6218	
API NUMBER: 30-015-43884	AFE NUMBER: WTT44255	
SECTION: 17	TOWNSHIP: 26S	RANGE: 30E
COUNTY: EDDY	STATE: NEW MEXICO	
RIG NAME: ORION 9	COMPANY REP: MONIE SAINZ	PHONE#: 1-970-319-8089

**DIRECTIONS**

US285 SOUTH past Malga NM to MM #4 turn LEFT EAST and continue to CR725 and follow rig signs.

**NOTES**

UPDATED BY ISRAEL DELGADO 5-20-17

**HSE**

ALL EMPLOYEES WEAR PPE

**JOB PROCEDURE**

PUMP 20 BBLS SPACER (110# PF424)  
PUMP 650 SKS @ 13.5 PPG  
PUMP 200 SKS @ 14.8 PPG

# WELL SUMMARY

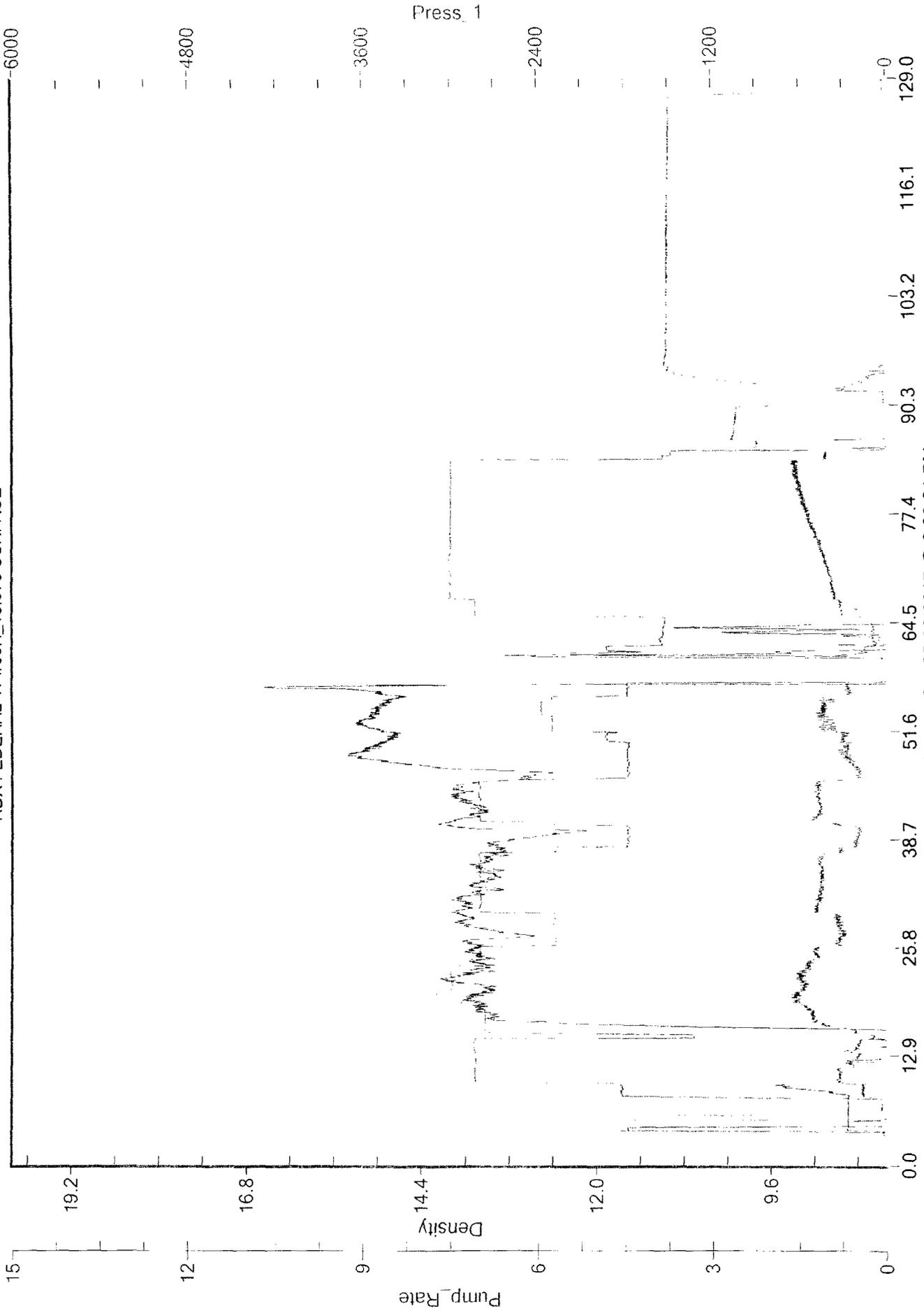


WELL / CASING DATA									
JOB TYPE: SURFACE					HOLE SIZE: 17 1/2				
TVD: 1060.23					PREVIOUS CASING SIZE: 20				
PREVIOUS CASING LB/FT:					PREVIOUS CASING DEPTH: 100				
CASING SIZE: 13 3/8									
CASING LB/FT: 54.5					CASING GRADE: J55				
FLOAT COLLAR DEPTH: 996.13					SHOE JOINT LENGTH: 44.87				
DV TOOL DEPTH:					SECOND DV TOOL DEPTH:				
TOTAL DEPTH: 1060.23					TOTAL CASING : 1041				
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: 13 3/8			QUICK CONNECT SIZE: 13 3/8						
DRILL PIN SIZE/TYPE:			THREAD: 8RD						
TUBING SWEDGE SIZE:			TAKE 2 -2 INCH REGULAR TUBING SWEDGES						
CHEMICALS NEEDED									
200# SUGAR									
EQUIPMENT									
SUPERVISOR: Diego Ortega			FIELD REPRESENTATIVE:						
PUMP OPERATOR: Porfirio Soto			UNIT NUMBER: 1031-2040						
E/O:			UNIT NUMBER: 1033-2024 ( ISAAC HOBBS )						
E/O:			UNIT NUMBER:						
E/O:			UNIT NUMBER:						
E/O:			UNIT NUMBER:						
FLUID DATA									
1ST SLURRY:		C + 4% PF20 Bentonite + 1% PF1 Calcim + 0.4 pps PF45 Defoamer + 0.125 pps PF29 Cellophane							
DENSITY:	13.5	YIELD:	1.73	MIX H2O:	9.119	SACKS:	650		
2ND SLURRY:		C + 2% PF1 Calcium							
DENSITY:	14.8	YIELD:	1.34	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 :		FRESH WATER		DISPLACEMENT VOLUME:		154		MUD WEIGHT: N/A	



WPX

RDX FEDERAL 17 #35H\_13.375 SURFACE



Job Started On: 05/22/2017 @ 8:00:31 PM

D27  
17:33



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

**ART17-7158-02P**

Customer: **WPX Energy**  
 Well Name: **RDX Federal 17 #35H**  
 County: **Eddy** State: **NM**  
 Rig: **Orion Pegasus 9**  
 Salesman: **Chris DeLeon**

MD: **1000**  
 TVD: **1000**  
 BHST: **88**  
 BHCT: **81**

Report Date: **May 18 2017**  
 Stage: **Tail**  
 String: **Surface**  
 Blend Type: **Pilot Blend**  
 Reported By: **Salmon, Mari**

**Fluid Properties**

Density: 14.80 ppg Yield: 1.34 cuft/sk Mix Fluid: 6.307 gal/sk

**Fluid Composition**

Cement Blend: Class C

Additive	Conc	Design	Description	Lot Number
PF-001	2.00% %	BWOB	Calcium Chloride	364AD1732

**Plastic Viscosity (Average Reading)**

Temp	3	6	100	200	300	PV	YP
81 °F	19	33.5	57	68.5	77	30	47

**Thickening Time**

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
81 °F	1:11	1:29	2:17	2:47		0

Thickening Time does not include batch time.

**Free Water**

Temp	Incl.	ml Collected	Start Time	Stop Time
81 °F	0	0 ml/250	1:59	2:19

**Free Water (psi)**

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
88	2:13	5:09	1352	2211		

**Other Data**

DRT  
17:33



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

ART17-7158-02P

Customer: **WPX Energy**  
Well Name: **RDX Federal 17 #35H**  
County: **Eddy** State: **NM**  
Rig: **Orion Pegasus 9**  
Salesman: **Chris DeLeon**

MD: **1000**  
TVD: **1000**  
BHST: **88**  
BHCT: **81**

Report Date: **May 18 2017**  
Stage: **Tail**  
String: **Surface**  
Blend Type: **Pilot Blend**  
Reported By: **Salmon, Mari**

**Fluid Properties**

Density: 14.80 ppg Yield: 1.34 cuft/sk Mix Fluid: 6.307 gal/sk

**Supply Component**

Cement Blend: Class C

Additive	Conc	Design	Description	Lot Number
PF-001	2.00% %	BWOB	Calcium Chloride	364AD1732

**Fluid Viscosity (Average Readings)**

Temp	3	6	100	200	300	PV	YP
81 °F	19	33.5	57	68.5	77	30	47

**Fluid Thickening Time**

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
81 °F	1:11	1:29	2:17	2:47		0

Thickening Time does not include batch time.

**Fluid Filtrate**

Temp	Incl.	ml Collected	Start Time	Stop Time
81 °F	0	0 ml/250	1:59	2:19

**Fluid Compressive Strength**

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
88	2:13	5:09	1352	2211		

**Fluid Properties**

**PAR FIVE**  
**ENERGY SERVICES LLC**

**DESIGN - EXECUTE - EVALUATE - REPORT**

**9 5/8 INTERMEDIATE**

**WPX ENERGY**

**RDX FEDERAL 17 #35H**

**EDDY COUNTY NEW MEXICO**

**PRIMARY PUMP:**

**UNIT 2032**

**SECONDARY PUMP:**

**PREPARED BY:ANDREW WHITE**

**SERVICE SUPERVISOR**

**ARTESIA DISTRICT**

**1-575-748-8610**

5/26/2017

WELL SUMMARY

**PAR FIVE**  
**ENERGY SERVICES LLC**

COMPANY NAME: WPX ENERGY	DATE: 5/26/2017	
LEASE NAME: RDX FEDERAL 17	OPERATOR NAME: WPX ENERGY	
WELL NUMBER: #35H	TICKET NUMBER: 5816	
API NUMBER: 30 015 43884	AFE NUMBER:	
SECTION: 17	TOWNSHIP: 26E	RANGE: 30E
COUNTY: EDDY	STATE: NEW MEXICO	
RIG NAME: ORION PEGASUS 9	COMPANY REP: DYLAN GOUDIE	PHONE#: 970 319 8089

**DIRECTIONS**

US285 SOUTH past Malga NM to MM #4 turn LEFT EAST and continue to CR725 and follow rig signs.

**NOTES**

110# pf424  
200# sugar  
9 5/8 head ETC  
low pressure plug container  
top plastic plug  
TAKE 7" BUTTRESS & 8 RD for next string

**HSE**

WEAR PROPER PPE

**JOB PROCEDURE**

RIG UP & TEST LINES  
20 Bbl GEL SPACER  
640 SACKS LEAD  
200 SACKS TAIL  
WASH UP  
DROP PLUG  
DISPLACE CEMENT  
BUMP PLUG

# WELL SUMMARY

## **PAR FIVE ENERGY SERVICES LLC**

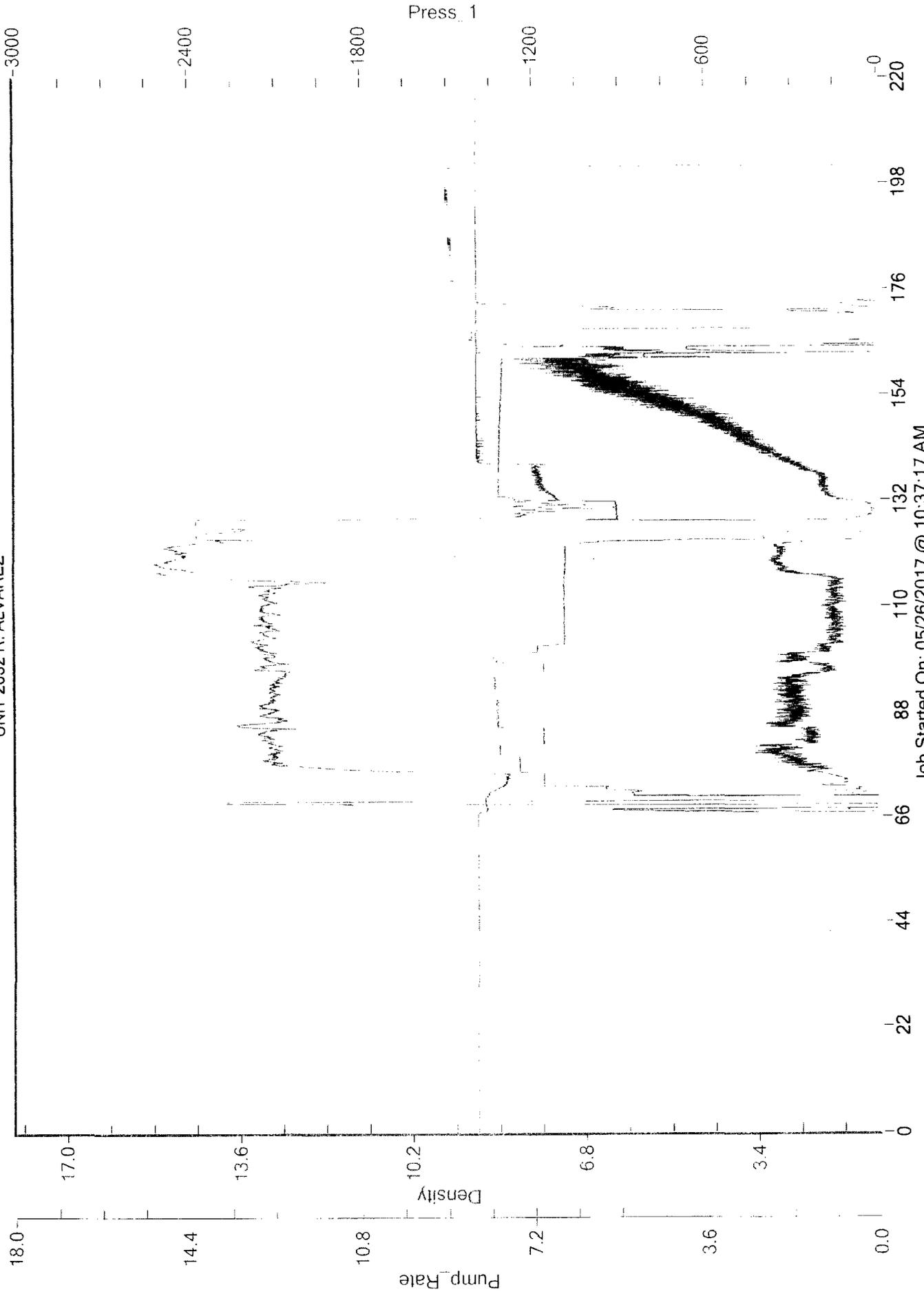
WELL/CASING DATA															
JOB TYPE: 9 5/8 INTERMEDIATE					HOLE SIZE: 12 1/4										
TVD: 3390					PREVIOUS CASING SIZE: 13 3/8										
PREVIOUS CASING LB/FT: 54.5					PREVIOUS CASING DEPTH: 1036										
CASING SIZE: 9 5/8															
CASING LB/FT: 40					CASING GRADE: J55										
FLOAT COLLAR DEPTH: 3342					SHOE JOINT LENGTH: 45.22										
DV TOOL DEPTH:					SECOND DV TOOL DEPTH:										
TOTAL DEPTH: 3390					TOTAL CASING : 3386										
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:			13 3/8			QUICK CONNECT SIZE:									
DRILL PIN SIZE/TYPE:						THREAD:			8rd						
TUBING SWEDGE SIZE:						TAKE 2 -2 INCH REGULAR TUBING SWEDGES									
CHEMICALS NEEDED															
EQUIPMENT															
SUPERVISOR:						FIELD REPRESENTATIVE:									
PUMP OPERATOR:			Rogelio Alvarez			UNIT NUMBER:			1009-2032						
E/O:			Andrew White			UNIT NUMBER:			3051						
E/O:			Jose Reyes			UNIT NUMBER:			1003-2015						
E/O:			Pablo Altamirano			UNIT NUMBER:			1019-2029						
E/O:						UNIT NUMBER:									
FLUID DATA															
1ST SLURRY:															
DENSITY:		12.9		YIELD:		1.92		MIX H2O:		9.956		SACKS:		640	
2ND SLURRY:															
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:		253		MUD WEIGHT:		10.5	

JOB LOG

**PAR FIVE ENERGY SERVICES LLC**

COMPANY NAME: WPX ENERGY				DATE: 5/26/2017	
LEASE NAME: RDX FEDERAL 17				TICKET NUMBER: 5816	
WELL NUMBER: #35H				JOB TYPE: 9 5/8 INTERMEDIATE	
SCHEDULED LOCATION TIME		500			
TIME ARRIVED ON LOCATION		620		TIME LEFT LOCATION 1530	
TIME	PRESSURE		VOLUME	RATE	LOG DETAILS
	RIG OR DIP	CASING			
415					PRE-CONVOY MEETING
425					DEPARTURE FROM YARD
620					ARRIVE LOCATION
625					HAZZARD ASSESMENT
630					PRE-RIG UP MEETING
640					RIG UP
800					RIG UP COMPLETE
1115					RIG FINISHED RUNNING CASING
1125					STAB CEMENT HEAD
1135					PRE-JOB SAFETY MEETING
1145		180	3	3.7	PRIME LINES
1147		2280	0.5	0.5	PRESSURE TEST
1150		250	20	6	GEL SPACER
1153		260	10	6	FRESH WATER/DYE SPACER
1155		240	219	7.5	LEAD CEMENT SLURRY
1235		270	47	6.5	TAIL CEMENT SLURRY
1245					SHUT DOWN
1247					DROP PLUG
1248		1010	253	7.9	PUMP DISPLACEMENT
1322		810	240	3.8	SLOW RATE
1325		1460	253	3.4	BUMP PLUG
1325					HOLD FOR FIVE MINUTES
1330					CHECK FLOATS / BLED BACK 2 BBLs
1330		1530	2	0.5	PRESSURE TEST CASING FOR 30 MINUTES
1400					END PAR-FIVE CEMENT JOB
					CIRCULATED 175 SKS / 60 BBLs OF CEMENT TO SURFACE
1405					PRE-RIG DOWN SAFETY MEETING
1410					RIG DOWN
1500					RIG DOWN COMPLETE
1505					PRE-CONVOY MEETING
1530					DEPARTURE FROM LOCATION

WPX RDX FED 17 #35H 9.625 INTER  
UNIT 2032 R. ALVAREZ



Job Started On: 05/26/2017 @ 10:37:17 AM



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

22:51  
 ID  
**ART17-7159-01F**

Customer: **WPX Energy**  
 Well Name: **RDX Federal 17 #35H**  
 County: **Eddy** State: **NM**  
 Rig: **Orion Pegasus 9**  
 Salesman: **Chris DeLeon**

MD: **3390**  
 TVD: **3390**  
 BHST: **107**  
 BHCT: **90**

Report Date: **May 23 2017**  
 Stage: **Lead**  
 String: **Intermediate**  
 Blend Type: **Pilot Blend**  
 Reported By: **Hernandez, Patricia**

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

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	

Temp	3	6	100	200	300	PV	YP
80 °F	27	42	68.5	72.5	77	12.75	64.25
90 °F	29	43.5	117	125.5	133	24	109

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
90 °F	1:53	2:03	2:57	3:18		0

Thickening Time does not include batch time.

Temp	Incl.	ml Collected	Start Time	Stop Time
90 °F	0	0 ml/250	12:56	2:56

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
107	3:53	9:25	636	951		

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

22:51  
 50  
**ART17-7159-02F**

Customer: **WPX Energy**  
 Well Name: **RDX Federal 17 #35H**  
 County: **Eddy** State: **NM**  
 Rig: **Orion Pegasus 9**  
 Salesman: **Chris DeLeon**

MD: **3390**  
 TVD: **3390**  
 BHST: **107**  
 BHCT: **90**

Report Date: **May 23 2017**  
 Stage: **Tail**  
 String: **Intermediate**  
 Blend Type: **Pilot Blend**  
 Reported By: **Hernandez, Patricia**

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

Cement Blend: Class C

Additive	Conc	Design	Description	Lot Number
No Adds		BWOB		

Temp	3	6	100	200	300	PV	YP
80 °F	12	18	37	46	53	24	29
90 °F	9	15	36	46	53	25.5	27.5

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
90 °F	1:45	2:14	2:36	3:07		0

Thickening Time does not include batch time.

Temp	Incl.	ml Collected	Start Time	Stop Time
90 °F	0	0 ml/250	6:14	6:34

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
107	3:02	5:41	1828	2733		

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