

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-44135
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator RKI Exploration & Production, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 3500 One Williams Center, MD 35, Tulsa, OK 74172		7. Lease Name or Unit Agreement Name C STATE 16
4. Well Location Unit Letter ^P : 866 feet from the ^S line and 150 feet from the ^E line Section 16 Township 23S Range 27E NMPM County Eddy		8. Well Number 2H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3135		9. OGRID Number 246289
		10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input checked="" type="checkbox"/> COMMENCE COMPLETION OPS OTHER: <input type="checkbox"/>	
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

PLEASE BE ADVISED THE WELL SET THE 2ND INTERMEDIATE CASING & CEMENT:

06/18/2017 2nd Intermediate Casing
 7" 29# HCP-110: 0' - 9,458' (Lead: 785 sks @ 11.2 ppg, Tail: 110 sks @ 15.6ppg. Bump plug @ 2,160 psi, floats held, no cmt to surface).
 Perform 30 minute casing test to 1,550psi.

Post Job Report is attached.

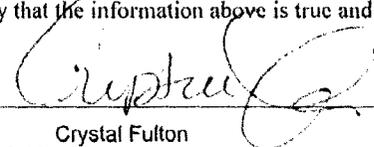
NM OIL CONSERVATION
 ARTESIA DISTRICT

JUN 28 2017

RECEIVED

Spud Date: Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Permitting Tech II DATE 06/28/2017
 Type or print name Crystal Fulton E-mail address: crystal.fulton@wpenergy.com PHONE: 539-573-0218

For State Use Only

APPROVED BY:  TITLE Staff Mgr DATE 6-29-17
 Conditions of Approval (if any):

NM OIL CONSERVATION

ARTESIA DISTRICT

JUN 28 2017

RECEIVED

PAR FIVE
ENERGY SERVICES LLC

DESIGN - EXECUTE - EVALUATE - REPORT

7 DEEP INTERMEDIATE

WPX ENERGY

C STATE 16 # 2H

EDDY COUNTY, NEW MEXICO

PRIMARY PUMP: 2040

SECONDARY PUMP: 2036

PREPARED BY: DIEGO ORTEGA

SERVICE SUPERVISOR

ARTESIA DISTRICT

1-575-748-8610

6/18/2017

WELL SUMMARY

**PAR FIVE
ENERGY SERVICES LLC**

COMPANY NAME: WPX ENERGY	DATE: 6/18/2017	
LEASE NAME: C STATE 16	OPERATOR NAME: WPX ENERGY	
WELL NUMBER: #2H	TICKET NUMBER: 6331	
API NUMBER: 30-015-44135	AFE NUMBER:	
SECTION: 16	TOWNSHIP: 23S	RANGE: 27E
COUNTY: EDDY	STATE: NEW MEXICO	
RIG NAME: H&P 509	COMPANY REP: JOE YOUNG	PHONE#: 1-970-436-8089

DIRECTIONS

US285 SOUTH just past Walmart in Carlsbad turn LEFT onto CR748 Old Caverns HWY and continue SOUTH to rig signs on the LEFT.

NOTES

UPDATED BY ISRAEL DELGADO 5-11-17

HSE

ALL EMPLOYEES WEAR PPE

JOB PROCEDURE

PUMP 20 BBLS GEL SPACER
 PUMP 785 SKS @ 11.2 PPG
 PUMP 110 SKS @ 15.6 PPG
 SHUT DOWN DROP PLUG
 DISPLACE WELL

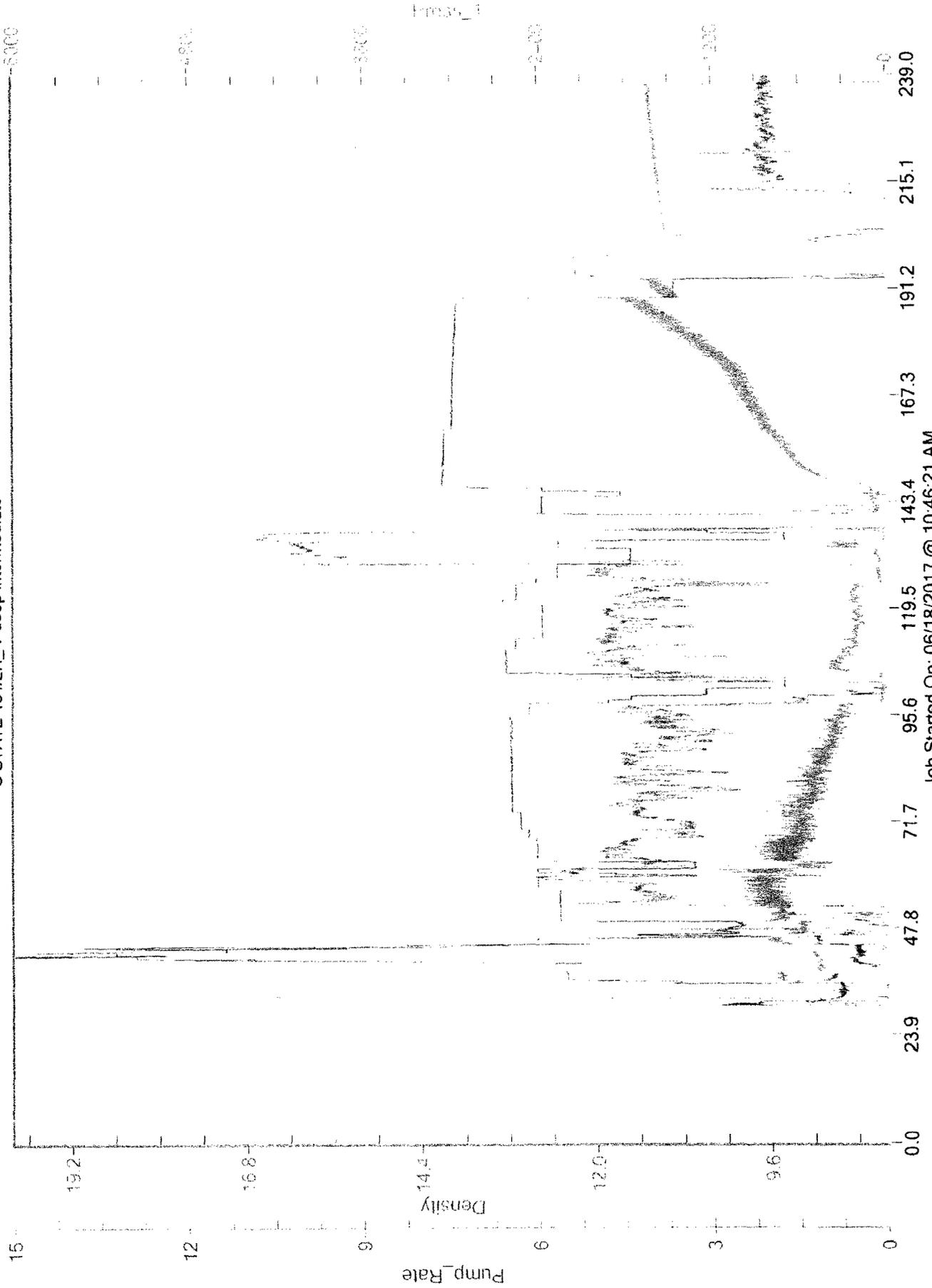
WELL SUMMARY

PAR FIVE **ENERGY SERVICES LLC**

WELL /CASING DATA											
JOB TYPE: 7 DEEP INTERMEDIATE					HOLE SIZE: 8 3/4						
TVD: 8500					PREVIOUS CASING SIZE: 9 5/8						
PREVIOUS CASING LB/FT: 40					PREVIOUS CASING DEPTH: 2109						
CASING SIZE: 7											
CASING LB/FT: 29					CASING GRADE: HCP-110						
FLOAT COLLAR DEPTH: 9375.17					SHOE JOINT LENGTH: 82.83						
DV TOOL DEPTH:					SECOND DV TOOL DEPTH:						
TOTAL DEPTH: 9471					TOTAL CASING : 9458						
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:			BUTT/8RD		
TUBING SWEDGE SIZE:						TAKE 2 -2 INCH REGULAR TUBING SWEDGES					
CHEMICALS NEEDED											
GEL SPACER 110# PF424, 200# SUGAR											
EQUIPMENT											
SUPERVISOR:			Diego Ortega			FIELD REPRESENTATIVE:					
PUMP OPERATOR:			Porfirio Soto			UNIT NUMBER:			1031-2040		
E/O:						UNIT NUMBER:			ISMAEL ACOSTA (1034-2036)		
E/O:						UNIT NUMBER:			LUIS SAENZ (1014-2028)		
E/O:						UNIT NUMBER:					
E/O:						UNIT NUMBER:					
FLUID DATA											
1ST SLURRY:		PVL + 10% PF20 Bentonite + 8% PF60 PlexCrete FPZ + 0.9% 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:	15.694	SACKS:	785				
2ND SLURRY:		H + 0.3% PF13 Retarder									
DENSITY:	15.6	YIELD:	1.18	MIX H2O:	5.214	SACKS:	110				
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:	349	MUD WEIGHT:	N/A				

WPX

C STATE 16 #2H_7 deep intermediate



Job Started On: 06/18/2017 @ 10:46:21 AM

Customer: **WPX Energy**
Well Name: **C State 16 #2H**
County: **Eddy** State: **NM**
Rig: **H&P 509**
Salesman: **Chris DeLeon**

MD: **9328**
TVD: **8025**
BHST: **144**
BHCT: **104**

Report Date: **June 01 2017**
Stage: **Lead**
String: **2nd Intermediate**
Blend Type: **Pilot Blend**
Reported By: **Hernandez, Patricia**

Slurry Information

Density: 11.20 ppg Yield: 2.68 cuft/sk Mix Fluid: 15.744 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	FP2 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	6	6	13.5	18.5	24	15.75	8.25
104 °F	2	2	9	16	21	18	3

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
104 °F	6:00	8:15	8:56	9:44		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
104 °F	0	0 ml/250	11:25	1:25

Fluid Loss

Temp	PSI	ml Collected	Minutes	API (Calc)
104 °F	1000	80 ml	At 30	160

UCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
144	18:44	29:38	25	269		

Comments

Customer: **WPX Energy**
Well Name: **C State 16 #2H**
County: **Eddy** State: **NM**
Rig: **H&P 509**
Salesman: **Chris DeLeon**

MD: **9328**
TVD: **8025**
BHST: **144**
BHCT: **104**

Report Date: **June 01 2017**
Stage: **Tail**
String: **2nd Intermediate**
Blend Type: **Pilot Blend**
Reported By: **Hernandez, Patricia**

Slurry Information

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

Rheology (Average Readings)

Temp	3	6	100	200	300	PV	YP
80 °F	1	1	9	18.5	27	27	0
104 °F	13.5	20	54	68	79	37.5	41.5

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
104 °F	4:00	4:31	4:46	4:56		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
104 °F	0	0 ml/250	9:16	10:16

UGA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
144	4:59	7:27	1221	2086		

Comments