

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
		9. OGRID Number 246289
		10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3135		

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>		COMMENCE COMPLETION OPS	
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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

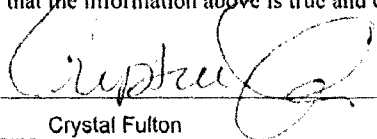
RECEIVED

Spud Date: 06/01/2017

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):

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

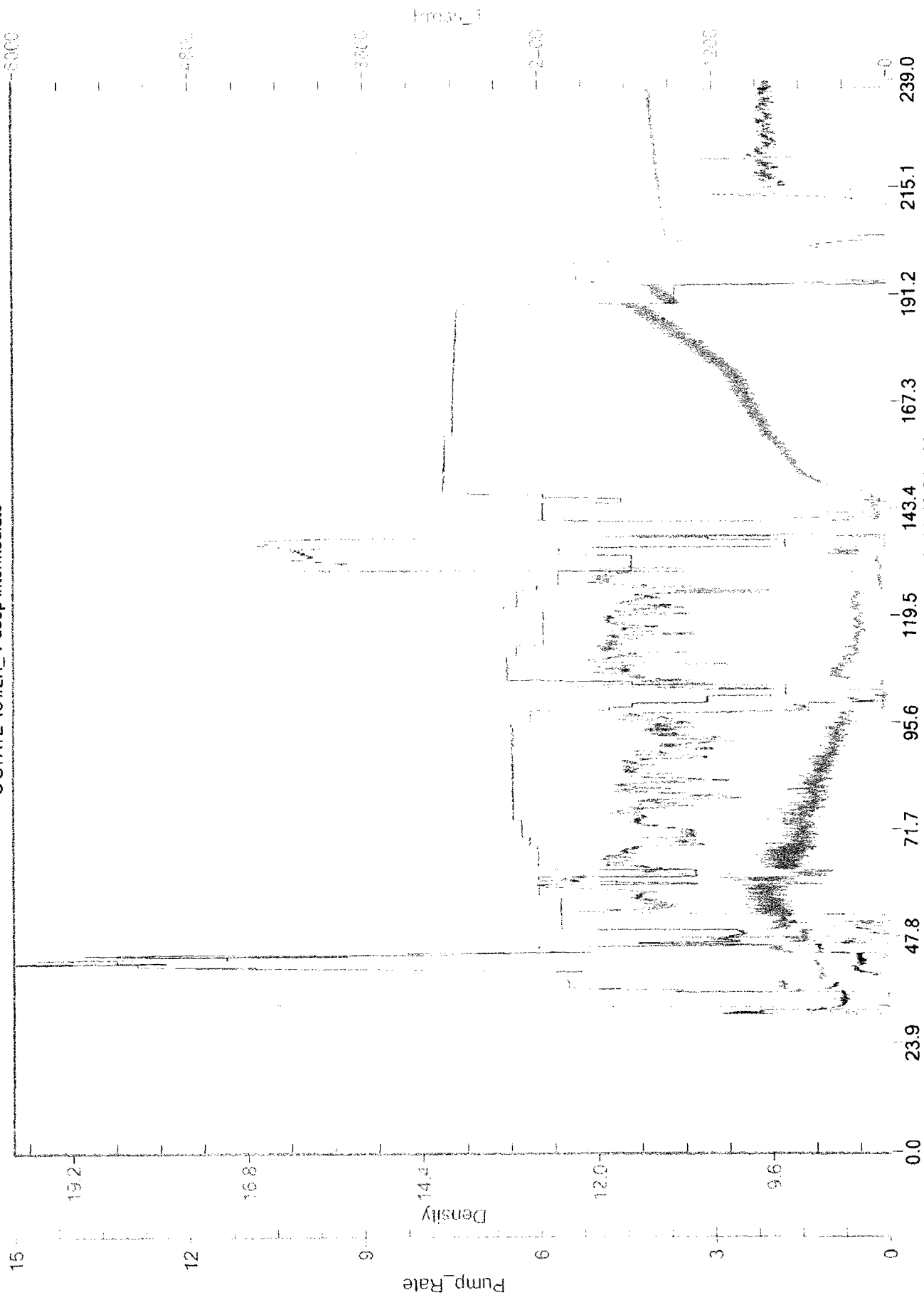
ENERGY SERVICES LLC

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

PAR FIVE
ENERGY SERVICES LLC

NO CEMENT TO SURFACE, HAD NO CIRCULATION DURING JOB

WPX
C STATE 16 #2H_7 deep intermediate



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

PAR FIVE
ENERGY SERVICES LLC

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

ART17-7129-01F

Customer: **WPX Energy**

MD: **9328**

Report Date: **June 01 2017**

Well Name: **C State 16 #2H**

TVD: **8025**

Stage: **Lead**

County: **Eddy** State: **NM**

BHST: **144**

String: **2nd Intermediate**

Rig: **H&P 509**

BHCT: **104**

Blend Type: **Pilot Blend**

Salesman: **Chris DeLeon**

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

PAR FIVE
ENERGY SERVICES LLC

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

ART17-7129-02F

Customer: **WPX Energy**

MD: **9328**

Report Date: **June 01 2017**

Well Name: **C State 16 #2H**

TVD: **8025**

Stage: **Tail**

County: **Eddy** State: **NM**

BHST: **144**

String: **2nd Intermediate**

Rig: **H&P 509**

BHCT: **104**

Blend Type: **Pilot Blend**

Salesman: **Chris DeLeon**

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