Office	State of New Mex		Form C-103
District I - (575) 393-6161	Energy, Minerals and Natura	al Resources	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240 <u>District 11</u> – (575) 748-1283			WELL API NO. 30-015-44135
811 S. First St., Artesia, NM 88210	OIL CONSERVATION I	DIVISION	5. Indicate Type of Lease
District III - (505) 334-6178	1220 South St. Franc	is Dr.	STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 District IV - (505) 476-3460	Santa Fe, NM 875	505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM	•		
87505	OTC. AND DEDODED ON UTILI		
	CES AND REPORTS ON WELLS SALS TO DRILL OR TO DEEPEN OR PLUC	S D A CV TO A	7. Lease Name or Unit Agreement Name
	CATION FOR PERMIT" (FORM C-101) FOR		C STATE 16
PROPOSALS.)			8. Well Number 2H
1. Type of Well: Oil Well	Gas Well 🕢 Other		1
2. Name of Operator RKI Explorati	on & Production, LLC		9. OGRID Number 246289
3. Address of Operator 3500 Ope 1	Williams Center, MD 35, Tulsa, OK 7	1172	10. Pool name or Wildcat
3300 One	Williams Center, IVID 55, Tuisa, OK 1	4112	PURPLE SAGE; WOLFCAMP (GAS)
4. Well Location			
Unit Letter P : 8	feet from the S	line and 15	0 feet from the E line
Section 16	Township 23S Ran		NMPM County Eddy
Section 2000 and a	11. Elevation (Show whether DR, I	<u>ن</u>	
	3135	(RD, 101, OH, of	
12. Check A	appropriate Box to Indicate Na	ture of Notice	, Report or Other Data
NOTICE OF IN	TENTION TO	0) 15	ACCULATE DEDOCT OF
NOTICE OF IN	1		SSEQUENT REPORT OF:
PERFORM REMEDIAL WORK		REMEDIAL WO	
TEMPORARILY ABANDON			RILLING OPNS. 2 P AND A
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMEN	
DOWNHOLE COMMINGLE		COMMENCE	COMPLETION OPS
CLOSED-LOOP SYSTEM	_	omico.	(***)
OTHER:		OTHER:	nd give pertinent dates, including estimated date
			ompletions: Attach wellbore diagram of
proposed completion or reco		Cot Munipie Co	impletions. Attach wendore diagram of
, ,	ELL SET THE 1ST INTERMEDIATE CAS	INC CENTERLY	
PLEASE BE ADVISED THE W	ELL SET THE 1ST INTERMEDIATE CAS	HING & CEIVIEW I;	
06/12/2017 1st Intermediate Co 9.625" 40# J-55-LTC: 0" - 2,09		ks @ 14.8ppg. Bu	mp plug @ 1,110 psi, floats held, circ 52 sks cement
to surface).	W 545 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	**************************************	,
6/13/2017 Test 9-5/8" Casing V	with PAR-5 Cement Truck. 30min Test @	1500psi good test.	AIM OF CONCERNATION
Post Job Report is attached.			NM OIL CONSERVATION
			ARTESIA DISTRICT
			JUN 2 1 2017
			00H 21 20H
			RECEIVED
	- Andrews		
Spud Date: 06/01/2017	Rig Release Date	e:	
L	-		
I hereby certify that the information	above is true and complete to the bes	t of my knowled	ge and belief.
		•	•
$\left(\begin{array}{cccccccccccccccccccccccccccccccccccc$	Permittin	a Tech II	06/21/2017
SIGNATURE JUST	PHTLE Permittin	8	DATE
Crystal Fulton		crystal.fulton@	
Type or print name	E-mail address:		PHONE:
For State Use Only	· · · · · · · · · · · · · · · · · · ·		
ADDDOVED BY:	- marine 54.1	f m	DATE 6-21-17
APPROVED BY: Conditions of Approval (if any):	TITLE STAF		DATE C - 1-11
Conditions of Approval (II any):		-	



DESIGN - EXECUTE - EVALUATE - REPORT

9 5/8 INTERMEDIATE

WPX ENERGY C STATE 16 #2H EDDY COUNTY, NEW MEXICO

PRIMARY PUMP: SECONDARY PUMP:

2001

PREPARED BY: ROBERT NUNEZ & ANDY WHITE

SERVICE SUPERVISOR
ARTESIA DISTRICT
1-575-748-8610

6/12/2017

WELL SUMMARY



ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY		DATE:	6/12/2017		
LEASE NAME:	C STATE 16		OPERATO	R NAME: WPX ENE	RGY	
WELL NUMBER:	#2H		TICKET NU	JMBER: 6459		
API NUMBER:	30-015-44135		AFE NUM	BER:		
SECTION: 16		TOWNSHIP):	235	RANGE:	27E
COUNTY: EDDY			STATE:	NEW MEXICO		
RIG NAME: H&P 509		COMPANY	REP:	MR. DYLAN GOUDIE	PHONE#:	1-970-319-8089
			DIRECTION	VS.		

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

CIRCULATED 52 SACKS 18 BBLS OF CEMENT TO SURFACE

HSE

ALL EMPLOYEES WEAR PPE

JOB PROCEDURE

PUMP 20 BBLS GEL SPACER PUMP 290 SKS @ 12.9 PPG

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

WELL SUMMARY



ENERGY SERVICES LLC

	<u> </u>						-	
34.			WEI	L/CASING	DATA			
JOB TYPE: 95/8 INTE	RMEDIATE			HOLE SIZE	•	12 1/4		
TVD:				PREVIOUS	CASING SIZE	<u>:</u>	13 3/8	
PREVIOUS CASING LB/	FT:	54.5		PREVIOUS	CASING DEF	TH:	450	
CASING SIZE:	9 5/8							
CASING LB/FT:	40			CASING G	RADE:	J55		
FLOAT COLLAR DEPTH	: 2094			SHOE JOIN	IT LENGTH:	42.26		
DV TOOL DEPTH:				SECOND D	V TOOL DEP	TH:		
TOTAL DEPTH:	2109			TOTAL CA	SING:	2136.26		
	ini Tu		T	UBULAR DA	TA			
TBG/D.P. SIZE:				TBG/D.P.	DEPTH:			
TBG/D.P. LB/FT:				TOOL DEP	TH:			
PACKER OR RETAINER:				PERF/HOL	E DEPTH:			
			SURI	ACE EQUIP	MENT			
CEMENT HEAD SIZE:		9 5/8		QUICK CO	NNECT SIZE:	9 5/8		
DRILL PIN SIZE/TYPE:				THREAD:		8RD		
TUBING SWEDGE SIZE				TAKE 2-2	INCH REGUL	AR TUBING	SWEDGES	
			CHE	MICALS NE	EDED			
			202	EQUIPMEN	T ,			
SUPERVISOR:	Robert Nur	nez		FIELD REP	RESENTATIV	E:		
PUMP OPERATOR:	David Chav	arria		UNIT NUN	1BER:			
E/O:				UNIT NUN	IBER:			
E/O:				UNIT NUN	1BER:			7h
E/O:				UNIT NUN	1BER:			·
E/O:				UNIT NUN	1BER:			
				FLUID DAT	Δ		100	
1ST SLURRY:	1				nite +0.5% PF79	Chemical Ex	tender + 3 pps PF42 Kol-Sea	ıl + 0.4 pps
DENSITY: 12.9	PF45 Defoam YIELD:	er + 0.125 pps 1.92	MIX H20:		SACKS:		290	
	C Neat			12,200	1			
2ND SLURRY:		1	I	T	1	1		·
DENSITY: 14.8	YIELD:	1.32	MIX H2O:	6.304	SACKS:	<u> </u>	200	
3RD SLURRY:		T T	T	·	γ			**************************************
DENSITY:	YIELD:		MIX H2O:	<u> </u>	SACKS:	<u> </u>		
4TH SLURRY:			T	4 	_	1		
DENSITY:	YIELD:		MIX H2O:		SACKS:			
5TH SLURRY					_			
DENSITY:	YIELD:		MIX H2O:	<u> </u>	SACKS:			
DISPLACEMENT TYPE:	н	20	DISPLACEN	MENT VOLU	ME:	158	MUD WEIGHT:	

JOB LOG



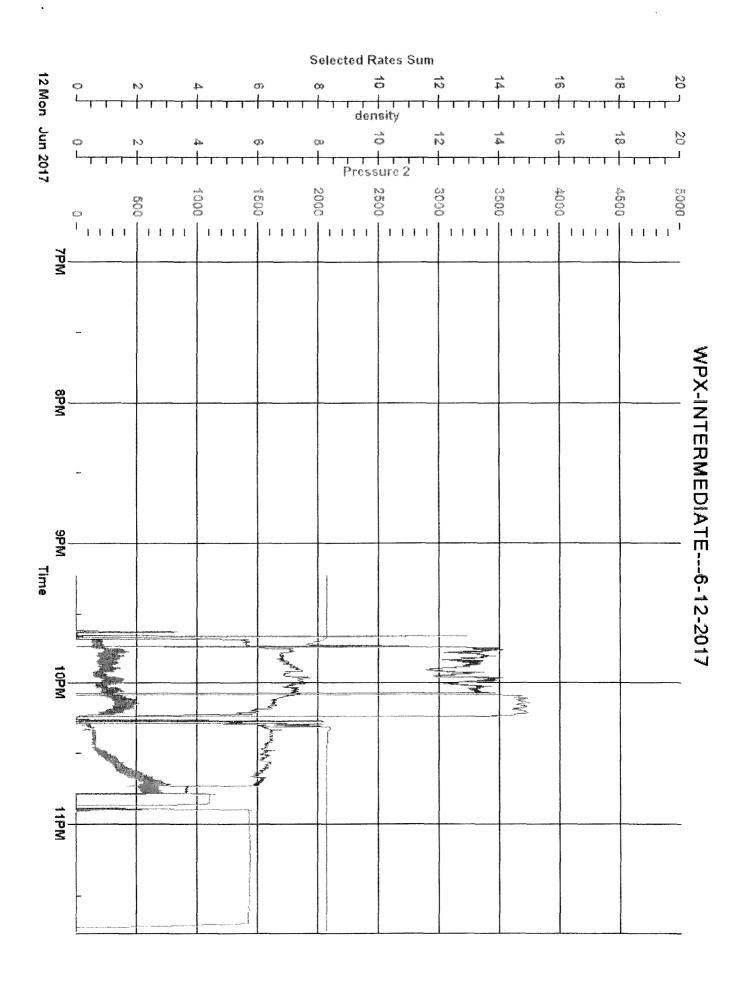
ENERGY SERVICES LLC

COMPANY N	AME:	WPX EN	ERGY		DATE: 6/12/2017				
LEASE NAME		C STATE	16		TICKET NUMBER: 6459				
WELL NUMB	ER:	#2H			JOB TYPE: 9 5/8 INTERMEDIATE				
SCHEDULED	LOCATIO	N TIME		14:00					
TIME ARRIVE	ED ON LC	CATION		15:30	TIME LEFT LOCATION 2:00				
TIME		SURE	VOLUME	RATE	LOG DETAILS				
	TBG OR D.P	CASING							
NA					PRE-CONVOY MEETING				
NA		***************************************			DEPARTURE FROM YARD				
15:30					ARRIVE LOCATION				
15:30					HAZZARD ASSESMENT				
16:00	ļ				PRE-RIG UP MEETING				
21:25					SAFETY MEETING WITH P-5 AND RIG PERSONNEL				
21:41		2500	0.5	0.5	PRESSURE LINE TEST				
21:43		296	10	6	H20 SPACER-DYE				
21:45		250	20	6	GEL				
21:49		258	99	6	LEAD CEMENT @ 12.9				
22:05		468	47	6	TAIL CEMENT @ 14.8				
22:16		143	158	6	START DISPLACEMENT				
22:44		629	145	3	SLOW RATE				
22:46		1110	158		BUMP PLUG				
22:51			1BBL	BACK	CHECK FLOAT				
22:55		1500	0.5	0.5	PRESSURE UP CASING TO 1500 PSI AND HOLD FOR 30 MINUTES				
23:30					RELIEF PRESSURE - END JOB				
					CIRCULATED 52 SACKS 18 BBLS OF CEMENT TO SURFACE				

·····	-	······							

••••••••••••••••••••••••••••••••••••••									

	Ll								





Par Five Energy Services, LLC

ART17-7128-01P

ENERGY SERVICES LLC

11279 Lovington Hwy Artesia, NM

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

Customer:	WPX Energ	y		MD:	2027	Report Date:	May 17 2017
Well Name:	C State 16 #	2H		TVO:	2027	Stage:	Lead
County:	Eddy	State:	NM	BHST:	96	String:	Intermediate
Rig:	H&P 509			BHCT:	86	Blend Type:	Pilot Blend
Salesman:	Chris DeLe	on				Reported By:	Wilson, Shannon

Slurry Information

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

Slurry Composition

Cement Blen	id: 35/6	55PozC			
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	вжов	KOLSEAL	BulK
PF-045	0.400	lb/sk	BWOB	Defoamer	201304AC
PF-029	0.125	lb/sk	BWOB	Cellophane	

		Kheolo	gy (Ave	rage Ke	aings)		
Temp	3	6	100	200	300	PV	ΥP
80 °F	21	34.5	55	58.5	61	9	52
86 °E	71 5	20	74	ขา	07	10 5	67.5

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Tin
86 °F	1:46	1:50	3:36	3:57		0

	197	Free Fluid	1	
Temp	Incl.	ml Collected	Start Time	Stop Time
86 °F	0	0 ml/250	9:21	11:21

		UCA Com	pressive S	itrength		
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
96	4:04	8:40	773	1141		



Par Five Energy Services, LLC

ART17-7129-02F

ENERGY SERVICES LLC

11279 Lovington Hwy Artesia, NM

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

MD: 9328 Report Date: June 01 2017 Customer: WPX Energy

TVD: 8025 Tail Well Name: C State 16 #2H Stage:

County: Eddy State: NM BHST: 144 String: 2nd Intermediate **Pilot Blend** Rig: H&P 509 **BHCT: 104** Blend Type:

Salesman: Chris DeLeon Reported By: Hernandez, Patricia

Slurry Information

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

Slurry Composition

Cement Blend: Class H

Additive Conc Design Description PF-013 0.30% % BWOB Retarder

Lot Number MM02C-2752BK

Rheology (Average Readings) Temp 100 PV ΥP 0 80 °F 9 18.5 27 27 1 1 104 "F 13.5 20 68 79 37.5 41.5 54

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

Thickening Time

Thickening Time does not include batch time.

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

		UCA Com	pressive S	trength		
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
3.4.4	4.50	7.77	4334	1000		

Comments