Form 3160-5 (June 23:5)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD Artesia

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

SUNDRY NOTICES AND REPORTS ON WELL STATE OF

Do not use thi abandoned we	Do not use this form for proposals to drill or to re-enter a label abandoned well. Use form 3160-3 (APD) for such proposals.								
SUBMIT IN	TRIPLICATE - Other inst	tructions on	page 2	_	7. If Unit or CA/A	Agreement, Na	me and/or No.		
Type of Well Oil Well	ner					8. Well Name and No. EAST PECOS FEDERAL 22 9H			
2. Name of Operator	Name of Operator Contact: CRYSTAL FULTON RKI EXPLORATION & PROD LLC E-Mail: crystal.fulton@wpxenergy.com								
3a. Address 3500 ONE WILLIAMS CENTE TULSA, OK 74172	10. Field and Poo UNDESIGN		ry Area						
4. Location of Well (Footage, Sec., T	11. County or Par	rish, State							
Sec 22 T26S R29E SWSW 15	50FSL 1330FWL				EDDY COU	NTY, NM			
12. CHECK THE AI	PPROPRIATE BOX(ES)	TO INDICA	TE NATURE OI	F NOTICE,	REPORT, OR	OTHER DA	ΛTA		
TYPE OF SUBMISSION			TYPE OF	ACTION					
☐ Notice of Intent	☐ Acidize	Dee	oen	☐ Product	ion (Start/Resume	e) 🔲 Wa	ater Shut-Off		
_	☐ Alter Casing	☐ Hyd	raulic Fracturing	□ Reclam	ation	□ We	ell Integrity		
Subsequent Report	☐ Casing Repair	□ New	Construction	☐ Recomp	olete	Ø Oti	her ng Operations		
☐ Final Abandonment Notice	Change Plans	Temporarily Abandon			ng Operations				
	Convert to Injection	☐ Plug	Back	☐ Water I	Disposal				
testing has been completed. Final Aldetermined that the site is ready for final RKI EXPLORATION AND PR OF THE DRILLING OPERATION Spud: 1/21/2017 Surface: 1/21/2017 - 13-3/8? Illustrates held. Circ 47 bbl/196 sk	inal inspection. ODUCTION, LLC HAS COON IS AS FOLLOWS:	ONCLUDED 1	THE DILLING OF	PERATION	S FOR THIS WE	ELL. A SUM			
Intermediate: 1/25/2017 - 9-5/ Tail: 200 sks/47 bbl @ 4.8# pp	8? 40# J-55 LTC: 0? ? 2	8802 (CMT: L	ead 545 sks/129	hbl @ 12.9	9# nna.		0 2017		
sfc. ✓		! 	accepted for rec	ord - NM 1-12-1	ocd 7	₩ECI	SIVED		
14. I hereby certify that the foregoing is	Electronic Submission #	RATION & PR	DD LLC. sent to t	he Carlsbad	· 1		/1		
Name (Printed/Typed) CRYSTAL	. FULTON		Title PERMIT	TING TEC	H1 /	1			
Signature (Electronic S	Submission)		Date 03/07/20		CEPTED FO	H KEUL)KU		
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE WE 23	2017	MM		
Approved By			Title		VIDAR				
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to condu	itable title to those rights in the		Office		CARLSBAD FIE	MAIN BEING			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s				willfully to in	ake to any departmen	nt or agency o	f the United		

Additional data for EC transaction #368979 that would not fit on the form

32. Additional remarks, continued

2nd Intermediate: 2/5/2017 - 7? 29# HCP-110 BTC: 0? ? 11,029? (CMT: Lead 324 bbls @ 11.2ppg, Tail 80 bbls #15.6 ppg. Displaced with 397 bbls 13.0 ppg OBM and 10 bbls FW, 167 psi lift. Bumped plug @ 407 bbls w/ 758 psi, floated held, lost returns 350 bbls into displacement (57 bbls lost), no cement to surface.)

Production Liner: 2/17/2017 - 4-1/2? 13.5# HCP-110 CDC: 10,481? ? 15,500? (CMT: 385 sks/112 bbl @ 14.5# ppg, displaced a total of 174 bbls, bumped plug. Held 1,000 psi over for 2 minutes. Check floats, floats held. Full returns throughout job. Circulated 37 bbls off liner.

Post Job Reports attached.



DESIGN - EXECUTE - EVALUATE - REPORT

SURFACE

WPX

EAST PECOS FEDERAL 22 # 94 EDDY COUNTY, NEW MEXICO

PRIMARY PUMP:

2019

SECONDARY PUMP:

PREPARED BY: JOHN INGRAM

SERVICE SUPERVISOR
ARTESIA DISTRICT
1-575-748-8610

1/21/2017



ENERGY SERVICES LLC

COMPANY NAME:	WPX		DATE: 1/21/2017				
LEASE NAME:	EAST PECOS 22		OPERATOR NAME:				
WELL NUMBER:	9H		TICKET NUMBER: 5716				
API NUMBER:	30-015-43349		AFE NUMBER:				
SECTION:	SECTION: TOWNSHI				RANGE:		
COUNTY: EDDY			STATE:	NEW MEXICO			
RIG NAME: ORION 10		COMPANY	REP: MIKE DEVINTZ		PHONE#:		
	The second secon		Lavia de la Cal	Vertical and the second			

SOUTH 285 TIL MM4. T/L AND FOLLOW RIG SIGNS

MAKE SURE ALL EMPLOYEES WEAR PROPER PPE.

en de la companya de

20 BBLS F/W 20 BBLS GEL

CEMENT 365 SACKS AT 14.8
PUMP CALCULATED DISPLACEMENT



			· WE	E/ACASINGI	ATA			and the same	
JOB TYPE: SURFACE				HOLE SIZE:		17.5			
TOTAL DEPTH:	375			PREVIOUS CASING SIZE:					
PREVIOUS CASING LB	/FT:			PREVIOUS	CASING DEI	PTH:			
CASING SIZE:	13 3/8					·			
CASING LB/FT:	54.5			CASING GR	RADE:	J55			
FLOAT COLLAR DEPTH	335.12			SHOE JOIN	T LENGTH:				
DV TOOL DEPTH:				SECOND D	V TOOL DEP	TH:			
TOTAL DEPTH:	375			TOTAL CAS		380.12			
		en e	Property.	je (dilekki) A	Water Inc	G PACE AN	eri Berkerek bil	Market & Pri	
TBG/D.P. SIZE:				TBG/D.P. [
TBG/D.P. LB/FT:				TOOL DEP					
PACKER OR RETAINER		EFERTINE TO THE PARTY AND THE		PERF/HOLI		The second of the second of the second			
			Stelki.	Action in	4.14				
CEMENT HEAD SIZE:		13 3/8		·	NECT SIZE:				
DRILL PIN SIZE/TYPE:				THREAD:		8 ROUND		***	
TUBING SWEDGE SIZE						LAR TUBING			
en e			70#	Michelli	Day as b				
SUPERVISOR:	John Ingra	n		GUIE WIE	II RESENTATI\	/E:			
PUMP OPERATOR:	Alfred Perc	hes		UNIT NUM	1RFR·	2019			
E/O:	Alfred Perc			UNIT NUM		2015			
				UNIT NUM				· · · · · · · · · · · · · · · · · · ·	
E/O: E/O:	 	·····		UNIT NUM					
1.70.	ļ			ONT NOW	IDLN.				
E/O:				UNIT NUM	1BER:				
				i gillerin sik					
1ST SLURRY:	C+2% PF 1 CA	J CILIM							
DENSITY: 14.8	YIELD:	1.33	MIX H2O:	6.3	SACKS:		365		
2ND SLURRY:			J	1		<u>-I </u>			
DENSITY:	YIELD:		MIX H2O:		SACKS:				
3RD SLURRY:	HELD.		LIVITA FIZO.	1	Incur.	<u> </u>			
DENSITY:	YIELD:		MIX H2O:	1	SACKS:	T			
4TH SLURRY:	TILLU.		TIVITY 1120.	<u></u>	Tarreita.	<u></u>		 	
DENSITY:	YIELD:		MIX H2O:		SACKS:	T			
5TH SLURRY	TILLU.		11411/11/20.	J	DACKS.	<u></u>			
DENSITY:	YIELD:		MIX H2O:	1	SACKS:	T		··	
DISPLACEMENT TYPE				J MENT VOLU			MUD WEIGHT:		
DIST DICEIVILIAL LILE	1		DISI PACEL	VICINI VOLU	1716,	_L	TWOO WEIGHT.	<u> </u>	



COMPANY NAME:	WPX			DATE: 1/21/2017
LEASE NAME:	EAST PEC	OS 22		TICKET NUMBER: 5716
WELL NUMBER:	9H			JOB TYPE: SURFACE
SCHEDULED LOCA	TION TIME		10:00	
TIME ARRIVED ON	LOCATION		10:00	TIME LEFT LOCATION 18:00
MW 131	#64910740	Actinible:	STRAIN .	ROPOTE LIZATES
	S. PANNES			
7:55				PRE-CONVOY MEETING
8:05				DEPARTURE FROM YARD
10:05				ARRIVE LOCATION
10:15				HAZZARD ASSESMENT
10:20				PRE-RIG UP MEETING
				RIG COMING OUT OF HOLE WITH DRILL PIPE
11:25				CASING CREW RIG UP
15:20				CASING CREW RIG DOWN
16:00				RIG PAR 5 UP ON RIG FLOOR
16:10				SAFETY MEETING/ STAB HEAD
16:37	1500	0.5	0.5	TEST LINES TO 1500#
16:40	243	50	5	20 BBLS FRESH/ 20 BBLS GEL/ 10 BBLS FRESH WITH DYE SPACER
16:47	489	87	6	CEMENT: 365 SACKS/ 87 BBLS AT 14.8#
17:02			<u> </u>	SHUT DOWN/ DROP PLUG
17:05	322	40	6	FRESH WATER DISPLACEMENT
17:16	486	11	3	SLOW RATE 10 BBLS EARLY
17:20	1188			BUMP PLUG
17:25				CHECK FLOATS
				CIRCULATED 47 BBLS/ 196 SACKS
47.25				DIC DOMINGA EETING
17:35			<u> </u>	RIG DOWN SAFETY MEETING
17:15			 	RIG DOWN PAR 5
				THANK YOU JOHN INGRAM AND PAR 5 CREW
				THANK 100 JOHN INGKAM AND LAKS CREW
	+			
	+			
			 	
<u>i.</u>			1	



Par Five Energy Services, LLC

ART17-6787-01F

ENERGY SERVICES LLC

11279 Lovington Hwy Artesia, NM

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

Customer: WPX Energy

MD: 350

Report Date: January 21 2017

Well Name: East Pecos Federal 22 #9H

TVD: 350

Stage: Lead

County: Eddy

State: NM

BHST: 83

String:

Surface

Rig: Orion Phoenix 10

BHCT: 80

Blend Type:

Field Blend

Salesman: Chris DeLeon

Reported By:

Orquiz, Freddy

Slurry Information

Density: 14.80 ppg

Yield: 1.34 cuft/sk

Mix Fluid: 6.300 gal/sk

» Siürry Gomposition

Cement Blend:

83

Class C

Additive PF-001

Conc 2.00% % Design **BWOB**

Description Calcium Chloride Lot Number 364AD1732

į			Rheolo	gy (Ave	rege Res	dings)		
	Temp	3	6	100	200	300	PV	ΥP

Temp POD 30 Bc 50 Bc 70 Bc 100 Bc Batch Time 80 °F 1:01 1:48 2:29 3:02

80 °F 12.5 35 48 57 33 24 14

Thickening Time does not include batch time.

1			Free Flüidig		10.00
	Temp	Incl.	ml Collected	Start Time	Stop Time
	80 °F	0	0 ml/250	8:10	8:30

ur/Arcomárettive/Strentth								
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr		

1307

2034

5:59 2:56



DESIGN - EXECUTE - EVALUATE - REPORT

INTERMEDIATE

WPX ENERGY EAST PECOS FEDERAL 22 #9H EDDY COUNTY, NEW MEXICO

PRIMARY PUMP: SECONDARY PUMP:

1033/2040

PREPARED BY: IVAN GARCIA

SERVICE SUPERVISOR
ARTESIA DISTRICT
1-575-748-8610

1/25/2017



ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY		DATE:	1/25/20	17		
LEASE NAME:	EAST PECOS FEDERAL 22		OPERATOR NAME:				
WELL NUMBER:	9Н		TICKET N	UMBER:	6065		
API NUMBER:	30-015-43349	AFE NUMBER:					
SECTION: 22		TOWNSHIP);	26S		RANGE:	29E
COUNTY: EDDY			STATE:	NEW M	XICO		
RIG NAME: ORION 10)	COMPANY	REP:			PHONE#:	
					Market St. Three	SALE MARK A AND	CONTRACTOR

TO NIONES TO A TOTAL OF THE PARTY OF THE PA

SOUTH ON US285, T/L @ MM4, FOLLOW RIG SIGNS

UPDATED BY DOLLAR 1/25

PROPER PPE

TEST LINES

PUMP 20 BBLS OF GEL SPACER

PUMP 545 SACKS OF LEAD CMT @ 12.9# PUMP 200 SACKS OF TAIL CMT @ 14.8# SHUT DOWN, WASH-UP, AND DROP PLUG PUMP CALCULATED DISPLACEMENT

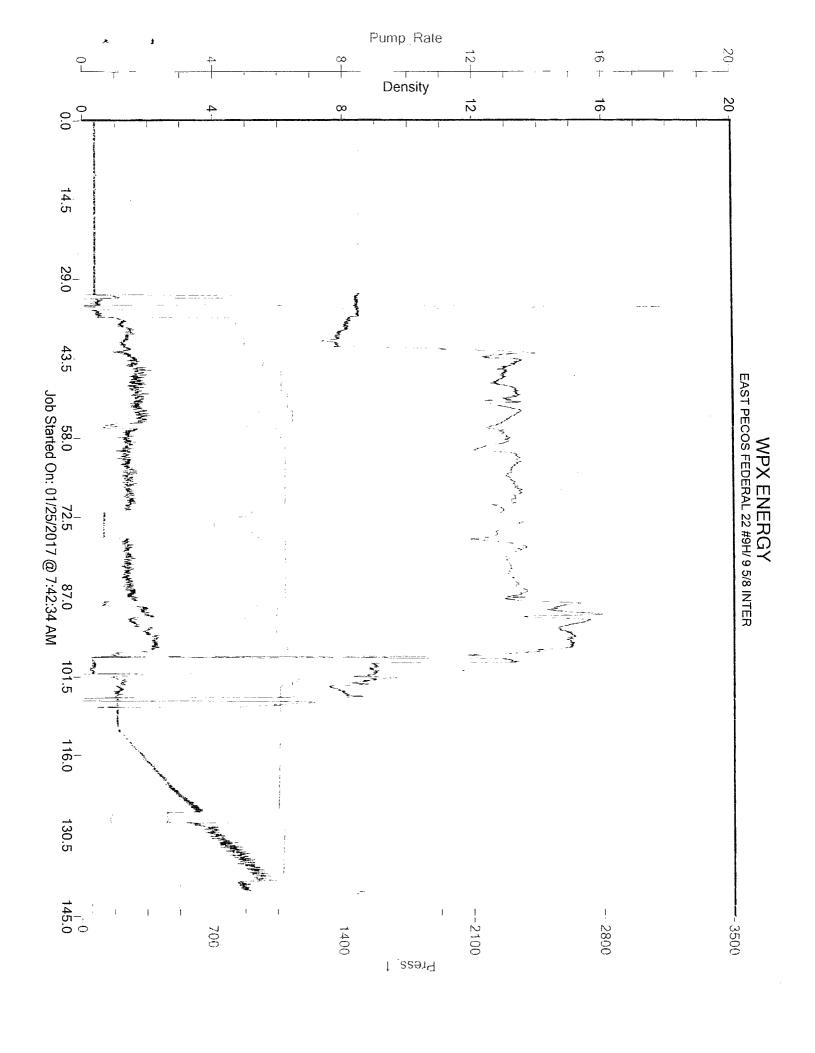


				L/casing	Dy AtirA :					
JOB TYPE: INTERMED	IATE			HOLE SIZE		12.25				
TVD:	2892			PREVIOUS CASING SIZE: 13.375						
PREVIOUS CASING LB/	FT:	54.5		PREVIOUS CASING DEPTH:						
CASING SIZE:	9.625									
CASING LB/FT:	40			CASING GI	RADE:	J-55				
FLOAT COLLAR DEPTH	: 2843.79			SHOE JOINT LENGTH: 41.96						
DV TOOL DEPTH:				SECOND D	V TOOL DEP	TH:				
TOTAL DEPTH:	2892			TOTAL CAS		2885.75				
				uleyühləri idyə	第4条约					
TBG/D.P. SIZE:				TBG/D.P. I	DEPTH:					
TBG/D.P. LB/FT:				TOOL DEP	TH:					
PACKER OR RETAINER				PERF/HOL	E DEPTH:					
			ur og skildiger	AGE FJÓJUJE	AMIEDNIE 🔬			9-		
CEMENT HEAD SIZE:		9.625		QUICK CO	NNECT SIZE:	9.625				
DRILL PIN SIZE/TYPE:				THREAD:		8-ROUND				
TUBING SWEDGE SIZE	:			L	INCH REGUL					
				imiciáls ne	ledied at a					
}										
200# SUGAR										
110# PF-424										
			Y 137 13	nouhawia	ji.					
SUPERVISOR:	Ivan Garcia				RESENTATIV		and the second of the self-the self-three bases to the self-three distance of the self-three self-t			
	<u> </u>				4050	4000/004				
PUMP OPERATOR:	Alonso Per		·	UNIT NUMBER:		1033/204				
E/O:	Javier Gon	zalez		UNIT NUN	/IBER:	1019/202	4			
E/O:				UNIT NUN	ИBER:					
E/O:				UNIT NUN		FIELD BIN	# 2023			
E/O:				UNIT NUN						
				BUMDOVAL						
1ST SLURRY:		+ 5% (BWOW) 125 pps PF29		% PF20 Bento	nite + .5% PF79	Chemical Ext	tender + 3 pps PF42 Kol-S	eal + .4 pps PF45		
DENSITY: 12.9	YIELD:	1.92	MIX H2O:	9.956	SACKS:	1	545			
<u> </u>	IIILLU.	14.74	[WII/C 112.0]	15.550	JORGNO.	<u></u>				
2ND SLURRY:	C NEAT	· · · · · · · · · · · · · · · · · · ·				· 	<u>-</u>			
DENSITY: 14.8#	YIELD:	1.32	MIX H2O:	6.3	SACKS:	<u></u>	200			
3RD SLURRY:				· · · · · · · · · · · · · · · · · · ·						
DENSITY:	YIELD:		MIX H2O:		SACKS:					
4TH SLURRY:						.				
DENSITY:	YIELD:		MIX H2O:		SACKS:	<u> </u>				
	,									
5TH SLURRY										
5TH SLURRY DENSITY:	YIELD:		MIX H2O:		SACKS:			9		



DATE: 1/25/2017

COMPANY NA	ΔN/IF·	WPX ENE	RGY		DATE: 1/25/2017					
LEASE NAME			OS FEDERA	Al 22	TICKET NUMBER: 6065					
WELL NUMBI		9H	OSTEDEN.	16 26	JOB TYPE: INTERMEDIATE					
SCHEDULED I				6:00	30011121111201112					
TIME ARRIVE				6:00	TIME LEFT LOCATION 15:00					
ai hiyik			Worldwis	NAME OF	LOGINEI ALIS					
	graciiciki.	cW:IMe								
3:45	9)15		a all a fallacation		DDF CONVOY MEETING					
4:00		-			PRE-CONVOY MEETING DEPARTURE FROM YARD					
6:00					ARRIVE LOCATION					
6:15				 	HAZZARD ASSESMENT					
6:30					PRE-RIG UP MEETING					
8:00					PRE JOB SAFETY MEETING					
8:16	XXX	3000	0.5	0.5	TEST LINES					
8:18		270	20	4.5	GEL WITH DYE SPACER					
8:25		250	191	6	LEAD CEMENT @ 12.9 PPG					
9:10	XXX	370	47	6	TAIL CEMENT @ 14.8 PPG					
9:22	XXX				SHUT DOWN DROP PLUG					
9:25	XXX	1000	206	6	DISPLACEMENT/ 186 OF 10# BRINE AND LAST 30 OF FRESH H2O					
10:03	XXX	900	10	3	SLOW RATE					
10:05	XXX	1500			BUMP PLUG					
10:10	XXX				CHECK FLOATS/ FLOATS HELD					
				ļ						
					CIRCULATED 50 BBLS/ 143 SACKS OF CEMENT TO SURFACE					
		ļ		<u> </u>						
				 						
				<u> </u>						
		-								
		-								
				 						
				1	THANK YOU FOR USING PAR FIVE ENERGY SERVICES					
				 	MAIN TOO FOR OSHIO FARTIVE ENERGY SCHOOLS					
		-		1						
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		+								
		+								
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Par Five Energy Services, LLC

ART17-6788-01F

ENERGY SERVICES LLC

11279 Lovington Hwy Artesia, NM

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

Customer: WPX Energy

MD: 2842

Report Date: January 23 2017

Well Name: East Pecos Federal 22 #9H

TVD: 2842

Stage:

Lead

County: Eddy

BHST: 103

String:

Intermediate

Rig: Orion Phoenix 10

State: NM

BHCT: 89

Blend Type:

Field Blend

Salesman: Chris DeLeon

Reported By: Hernandez, Patricia

Thirtiesy belieferenten

Density: 12.90 ppg

Cement Blend:

Yield: 1.92 cuft/sk

Mix Fluid: 9.955 gal/sk

Hirtor Companies

MÉ	Additive PF-044
	PF-020
	PF-079
	PF-042
	PF-045

35/6SPozC

Conc 5.000 % ~ Design Description **BWOW** Salt

Lot Number

-020 6.00% % **BWOB** Bentonite Gei G3CB09 Bulk

0.50% % ~ **BWOB** chemical Extender / Suspension Aid KOLSEAL

44230101 BulK

0.400 lb/sk / **BWOB** 201304AC

BWOB

	Ρ	r	-(١,	25	,	
	н		-7.				

0.125 lb/sk _

3.000 lb/sk -

Cellophane

Defoamer

·		of Gustr	the Robert	Marija da ka	rlings,	<u> </u>		
Temp	3	6	100	200	300	PV	YP	l
80 °F	27	37	58.5	62	67	12.75	54.25	

BWOB

54.25

89 °F 2:17

Temp

30 Bc 50 Bc 2:18 3:27

70 Bc 100 Bc 4:07

Batch Time

89 °F

28.5

104.5 111.5 117

98.25

18.75

POD

Thickening Time does not include batch time.

0

46.5

ml Collected Start Time Stop Time Incl. Temp

89 °F

0

0 ml/250

2:21

4:21

or Modern early in invasives O testing the								
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr		
103	4.28	10.20	584	871				

Committee

ME 1233



Par Five Energy Services, LLC

ART17-6788-02F

ENERGY SERVICES LLC

11279 Lovington Hwy Artesia, NM

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

Customer: WPX Energy

MD: 2842

Report Date: January 23 2017

Well Name: East Pecos Federal 22 #9H

TVD: 2842

Stage: Tail

County: Eddy

State: NM BHST: 103 String: Intermediate

Rig: Orion Phoenix 10

BHCT: 89

Blend Type:

Н

Salesman: Chris DeLeon

Reported By: Hernandez, Patricia

Density: 14.80 ppg

Yield: 1.32 cuft/sk

Mix Fluid: 6.304 gal/sk

Cement Blend: Class C -

Additive No Adds Conc

Design Description

BWOB

Lot Number

		雪铁山市	gy Car	erge fra	elliopy);		
Temp	3	6	100	200	300	PV	ΥP
80 °F	11	14.5	29	39	47	27	20

89 °F 9.5

14.5

31.5 40.5

29.25 21.75

		Sheliofing Cons				
Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
89 °F	2:54	3:24	3:34	3:43		0

Thickening Time does not include batch time.

	e i grand mari se maring distrigue	Toma Heliel	Service Commission (Commission Commission Co	
Temp	Incl.	ml Collected	Start Time	Stop Time
89 °F	0	0 ml/250	2:03	2:43

The state of the s	and the report of the second	TOS Com	propries.	Vitario (Cide)	and the second second	er en
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
103	3:26	6:08	1679	2737		





DESIGN - EXECUTE - EVALUATE - REPORT

DEEP INTERMEDIATE

WPX ENERGY EAST PECOS FEDERAL 22 #9H EDDY COUNTY, NEW MEXICO

PRIMARY PUMP:

1020/2019

SECONDARY PUMP:

PREPARED BY: IVAN GARCIA

SERVICE SUPERVISOR
ARTESIA DISTRICT
1-575-748-8610

2/5/2017



ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY		DATE:	2/5/2017	•		
LEASE NAME:	EAST PECOS FEDERAL 22		OPERATOR NAME: WPX ENERGY				
WELL NUMBER:	#9H		TICKET N	UMBER:	6111		
API NUMBER:	30-015-43349		AFE NUMBER:				
SECTION: 22		TOWNSHIP);	26S		RANGE:	29E
COUNTY: EDDY			STATE:	NM			
RIG NAME: ORION 10)	COMPANY	REP:	PRESTON	WRAY	PHONE#:	405-435-0089
			DIRECTIO	NS.		10.21	

KIONES

US285 SOUTH of Malaga NM to MM #4 turn LEFT onto Longhorn Rd and follow rig signs.

UPDATED BY MIKE ELLIOTT 1-26-17

1481

ALL EMPLOYEES WEAR PPE

PUMP 20 BBLS GEL SPACER

LOE PROCEDURE

PUMP 690 SKS LEAD SLURRY @ 11.2PPG PUMP 380 SKS TAIL SLURRY @ 15.6PPG SHUT DOWN DROP PLUG DISPLACE WELL

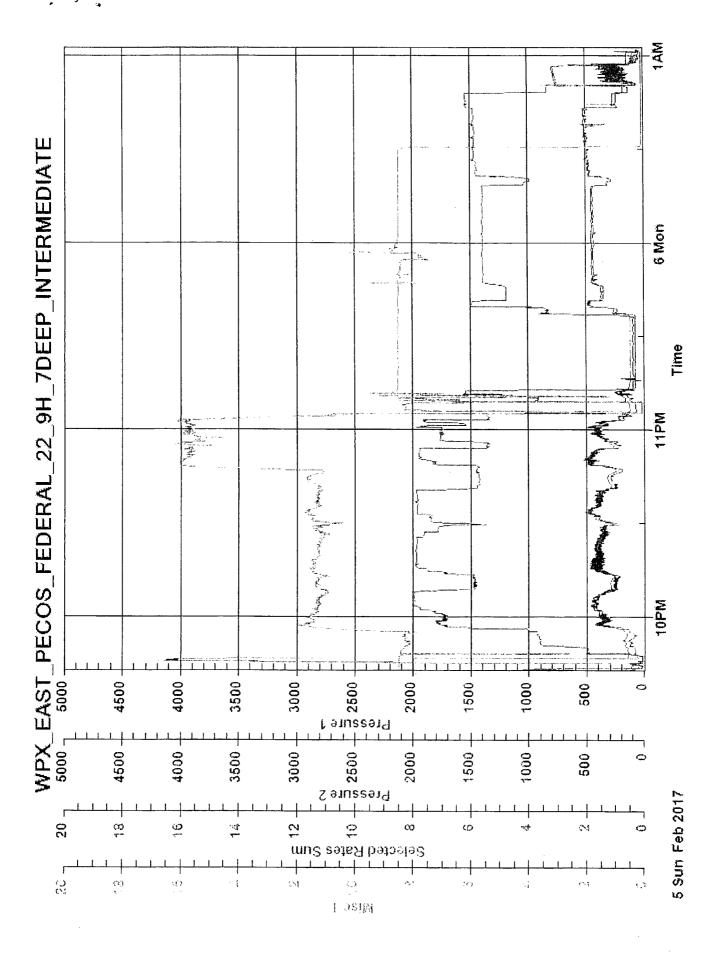


		w	L//CASING	DATA			
JOB TYPE: DEEP INT	ERMEDIATE		HOLE SIZE	:	8 3/4		
TVD:	11044		PREVIOUS	CASING SIZI	E:	9 5/8	
PREVIOUS CASING LE	J/FT:		PREVIOUS	CASING DE	PTH:	2892	
CASING SIZE:	7			-			
CASING LB/FT:	29		CASING G	RADE:	HCP-110		
FLOAT COLLAR DEPT	H: 10943.61		SHOE JOIN	NT LENGTH:	84.39		
DV TOOL DEPTH:			SECOND D	OV TOOL DEF	TH:		
TOTAL DEPTH:	11044		TOTAL CA		11028		
		er er er er Ti	UBUUAR DA	dA	10 12 - 4	CONTRACTOR CONTRACTOR	
TBG/D.P. SIZE:			TBG/D.P.	DEPTH:			
TBG/D.P. LB/FT:			TOOL DEP	TH:			
PACKER OR RETAINE			PERF/HOL				
		SURI	COME TO A CONTRACT OF THE STATE	4/41/41	en a consecutação en en esta entre a como de c	f etc.	
CEMENT HEAD SIZE			QUICK CO	NNECT SIZE			
DRILL PIN SIZE/TYPE:			THREAD:		BUTTRESS		
TUBING SWEDGE SIZ	E:			INCH REGUI		SWEDGES	····
		CIAL	MICALSINE	EDED.			* 000 (B.L.)
110#PF424, 200# SU	GAR		(ઉભામતા)	Vin .			
SUPERVISOR:	Ivan Garcia		leiei o pen	DECEMBER			
	Ivaii Garcia		FIELD KEP	RESENTATIV	/E:	<u> </u>	
PUMP OPERATOR:	Alfred Perches		UNIT NUN		1020/201	9	
PUMP OPERATOR: E/O:				MBER:			
E/O:	Alfred Perches		UNIT NUN	MBER: MBER:	1020/201		
	Alfred Perches		UNIT NUN	MBER: MBER: MBER:	1020/201	8	
E/O: E/O: E/O:	Alfred Perches		UNIT NUN UNIT NUN UNIT NUN	MBER: MBER: MBER: MBER:	1020/201 1014/202 FIELD BIN	# 2023	
E/O: E/O:	Alfred Perches		UNIT NUN NUN TINU NUN TINU	MBER: MBER: MBER: MBER: MBER:	1020/201 1014/202 FIELD BIN BOOSTER	# 2023 PUMP #4015	
E/O: E/O: E/O:	Alfred Perches		UNIT NUN UNIT NUN UNIT NUN UNIT NUN UNIT NUN	MBER: MBER: MBER: MBER: MBER: MBER:	1020/201 1014/202 FIELD BIN BOOSTER	8 # 2023 PUMP #4015	45 Defoamer
E/O: E/O: E/O: E/O: 1ST SLURRY:	Alfred Perches Jose Reyes PVL + 10% PF20 Bentonite	e + 8% PF60 Plex	UNIT NUM UNIT NUM UNIT NUM UNIT NUM UNIT NUM	MBER: MBER: MBER: MBER: MBER: MBER: MBER:	1020/201 1014/202 FIELD BIN BOOSTER	# 2023 PUMP #4015 -606 Fluidloss + .4 pps PF	45 Defoamer
E/O: E/O: E/O:	Alfred Perches Jose Reyes	e + 8% PF60 Plex	UNIT NUM UNIT NUM UNIT NUM UNIT NUM UNIT NUM	MBER: MBER: MBER: MBER: MBER: MBER:	1020/201 1014/202 FIELD BIN BOOSTER	8 # 2023 PUMP #4015	45 Defoamer
E/O: E/O: E/O: E/O: 1ST SLURRY:	Alfred Perches Jose Reyes PVL + 10% PF20 Bentonite	e + 8% PF60 Plex	UNIT NUM UNIT NUM UNIT NUM UNIT NUM UNIT NUM	MBER: MBER: MBER: MBER: MBER: MBER: MBER:	1020/201 1014/202 FIELD BIN BOOSTER	# 2023 PUMP #4015 -606 Fluidloss + .4 pps PF	45 Defoamer
E/O: E/O: E/O: E/O: 1ST SLURRY: DENSITY: 11.2	Alfred Perches Jose Reyes PVL + 10% PF20 Bentonite YIELD: 2.64	e + 8% PF60 Plex	UNIT NUM UNIT NUM UNIT NUM UNIT NUM UNIT NUM	MBER: MBER: MBER: MBER: MBER: MBER: MBER:	1020/201 1014/202 FIELD BIN BOOSTER	# 2023 PUMP #4015 -606 Fluidloss + .4 pps PF	45 Defoamer
E/O: E/O: E/O: E/O: 1ST SLURRY: DENSITY: 11.2 2ND SLURRY:	Alfred Perches Jose Reyes PVL + 10% PF20 Bentonite YIELD: 2.64 H + .3% PF13 Retarder	e + 8% PF60 Plex	UNIT NUM UNIT NUM UNIT NUM UNIT NUM UNIT NUM ENUM DATE (ecrete FPZ +	MBER: MBER: MBER: MBER: MBER: MBER: A. 0.9% PF13 Ret	1020/201 1014/202 FIELD BIN BOOSTER	# 2023 PUMP #4015 -606 Fluidioss + .4 pps PF 690	45 Defoamer
E/O: E/O: E/O: E/O: 1ST SLURRY: DENSITY: 11.2 2ND SLURRY: DENSITY: 15.6	Alfred Perches Jose Reyes PVL + 10% PF20 Bentonite YIELD: 2.64 H + .3% PF13 Retarder	e + 8% PF60 Plex	UNIT NUM UNIT NUM UNIT NUM UNIT NUM UNIT NUM ENUM DATE (ecrete FPZ +	MBER: MBER: MBER: MBER: MBER: MBER: A. 0.9% PF13 Ret	1020/201 1014/202 FIELD BIN BOOSTER	# 2023 PUMP #4015 -606 Fluidioss + .4 pps PF 690	45 Defoamer
E/O: E/O: E/O: IST SLURRY: DENSITY: 11.2 2ND SLURRY: DENSITY: 15.6 3RD SLURRY:	Alfred Perches Jose Reyes PVL + 10% PF20 Bentonite YIELD: 2.64 H + .3% PF13 Retarder YIELD: 1.18	MIX H2O: MIX H2O:	UNIT NUM UNIT NUM UNIT NUM UNIT NUM UNIT NUM ENUM DATE (ecrete FPZ +	MBER: MBER: MBER: MBER: MBER: MBER: SACKS: SACKS:	1020/201 1014/202 FIELD BIN BOOSTER	# 2023 PUMP #4015 -606 Fluidioss + .4 pps PF 690	45 Defoamer
E/O: E/O: E/O: E/O: 1ST SLURRY: DENSITY: 11.2 2ND SLURRY: DENSITY: 15.6 3RD SLURRY: DENSITY: DENSITY:	Alfred Perches Jose Reyes PVL + 10% PF20 Bentonite YIELD: 2.64 H + .3% PF13 Retarder YIELD: 1.18	MIX H2O: MIX H2O:	UNIT NUM UNIT NUM UNIT NUM UNIT NUM UNIT NUM ENUM DATE (ecrete FPZ +	MBER: MBER: MBER: MBER: MBER: MBER: SACKS: SACKS:	1020/201 1014/202 FIELD BIN BOOSTER	# 2023 PUMP #4015 -606 Fluidioss + .4 pps PF 690	45 Defoamer
E/O: E/O: E/O: IST SLURRY: DENSITY: 11.2 2ND SLURRY: DENSITY: 15.6 3RD SLURRY: DENSITY: 4TH SLURRY:	Alfred Perches Jose Reyes PVL + 10% PF20 Bentonite YIELD: 2.64 H + .3% PF13 Retarder YIELD: 1.18 YIELD: 1.18	MIX H2O: MIX H2O: MIX H2O:	UNIT NUM UNIT NUM UNIT NUM UNIT NUM UNIT NUM ENUM DATE (ecrete FPZ +	MBER: MBER: MBER: MBER: MBER: MBER: MSER:	1020/201 1014/202 FIELD BIN BOOSTER	# 2023 PUMP #4015 -606 Fluidioss + .4 pps PF 690	45 Defoamer
E/O: E/O: E/O: E/O: 1ST SLURRY: DENSITY: 11.2 2ND SLURRY: DENSITY: 15.6 3RD SLURRY: DENSITY: 4TH SLURRY: DENSITY: DENSITY:	Alfred Perches Jose Reyes PVL + 10% PF20 Bentonite YIELD: 2.64 H + .3% PF13 Retarder YIELD: 1.18 YIELD: 1.18	MIX H2O: MIX H2O: MIX H2O:	UNIT NUM UNIT NUM UNIT NUM UNIT NUM UNIT NUM ENUM DATE (ecrete FPZ +	MBER: MBER: MBER: MBER: MBER: MBER: MSER:	1020/201 1014/202 FIELD BIN BOOSTER	# 2023 PUMP #4015 -606 Fluidioss + .4 pps PF 690	45 Defoamer



DATE: 2/5/2017

LEACE NIABAE					<u></u>
LEASE NAME:		EAST PEC	OS FEDERA	L 22	TICKET NUMBER: 6111
WELL NUMBE	R:	#9H			JOB TYPE: DEEP INTERMEDIATE
SCHEDULED LO	OCATIO	NTIME		17:00	
TIME ARRIVED	ON LO	CATION		15:00	TIME LEFT LOCATION 4:00:00
TIME I	ાસાક	SURI:	VOLUME	RATE	LOGDITAIS
	nie Ok ulieje	Walke			
13:15					PRE-CONVOY MEETING
13:30					DEPARTURE FROM YARD
15:00	-				ARRIVE LOCATION
15:15					HAZZARD ASSESMENT
15:30					PRE-RIG UP MEETING
15:30					RIG RUNNING CASING
19:30					RIG FINISHED CASING
21:15					PRE JOB SAFETY MEETING
21:44 >	xxx	4000	0.5	0.5	TEST LINES
21:48 >		140	20	4	GEL SPACER WITH DYE
21:54 >		400	324	7	LEAD CEMENT @ 11.2 PPG
22:45 >		420	80	7	TAIL CEMENT @ 15.6 PPG
23:08 >	XXX		***		SHUT DOWN DROP PLUG
23:10	XXX	500	397	5.5	DISPLACEMENT
0:48 >	xxx	167	10	3	SLOW RATE
0:50 >	XXX	758			BUMP PLUG
0:55 >	XXX				CHECK FLOATS/ FLOATS HELD
1:30					RIG DOWN SAFETY MEETING
					· .
	,				DID NOT CIRCULATE CEMENT TO SURFACE
					LOST RETURNS AT 350 BBLS GONE ON DISPLACEMENT
					THANK YOU FOR USING PAR FIVE ENERGY SERVICES





Par Five Energy Services, LLC

11279 Lovington Hwy Artesia, NM

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

Customer: WPX Energy

MD: 11320

Report Date: January 30 2017

Well Name: East Pecos Federal 22 #9H

TVD: 10924

Stage:

Lead

County: Eddy

State: NM

BHST: 167

String: 2nd Intermediate

Rig: Orion Phoenix 10

BHCT: 131

Blend Type:

Plant Blend

Salesman: Chris DeLeon

Reported By: Rodriguez, Sonny

Sluny life inclien

Density: 11.20 ppg

Yield: 2.64 cuft/sk

Mix Fluid: 15.728 gal/sk

Study Competition

Cement Blend: PVL Additive Conc

Design BWOB

Description Bentonite Gel

Lot Number

PF-020

10.00% %

BWOB FPZ Strength Enhancer Bulk

PF-060 PF-013 8.00% % 0.90% %

BWOB

Retarder

MM02C-2752BK

PF-606

0.70%

1.5

BWOB

Fluid Loss GS20121C01-26

PF-045

131 °F

0.400 lb/sk -

BWOB Defoamer

16

12.75

3.25

201304AC

		librob	of:30 (1944)	efector:	$v(\mathbf{u}(x))$		
Temp	3	6	100	200	300	PV	ΥP
80 °F	2.5	3	8.5	13	18	14.25	3.75

7.5

		1	liidening	pline:						
Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time				
131 °F	6:00	7:00	7:12	7:15		0				
	Thickening Time does not include batch time.									

		tyroddule	to the second	
Temp	Incl.	ml Collected	Start Time	Stop Time
131 °F	0	0 ml/250	4:04	6:04

12.5

Newscare or resemble from		and the second second second second second	and the second	
		Hyld Look		
Temp	PSI	ml Collected	Minutes	API (Calc)
131 °F	1000	96 ml	At 28	199

	Wer compressive Sissagile						
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr	
167	9:54	17:43	136	618			

Comments



Par Five Energy Services, LLC

11279 Lovington Hwy Artesia, NM

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

Customer: WPX Energy

MD: 11320

Report Date: January 30 2017

Well Name: East Pecos Federal 22 #9H

TVD: 10924 Stage: Tail

County: Eddy

State: NM

BHST: 167

String: 2nd Intermediate

Rig: Orion Phoenix 10

BHCT: 131

Blend Type:

Plant Blend

Salesman: Chris DeLeon

Reported By: Rodriguez, Sonny

Slumylifermetten

Density: 15.60 ppg

Yield: 1.18 cuft/sk

Mix Fluid: 5.214 gal/sk

Shippy Composition

Cement Blend: Class H

Additive PF-013

131 °F

Conc 0.30% % Design **BWOB** Description Retarder

Lot Number MM02C-2752BK



	ldicology (Average keadings)									
Temp	3	6	100	200	300	PV	YP			
80 °F	2.5	2.5	10	18.5	29	28.5	0.5			

126.5

134

24

110

118

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time	
131 °F	3:18	3:19	3:38	3:47		0	
Thickening Time does not include batch time.							

Wielening Wine

Maria de la compete de la comp		विवद विमोर्त	ay was some says are an in the says as a	
Temp	Incl.	ml Collected	Start Time	Stop Time
 131 °F	0	0 ml/250	4:08	5:08

		UCE Com	starkityte i	trong the		
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
167	0.27	11.72	651	2460		

Comments.



DESIGN - EXECUTE - EVALUATE - REPORT

LINER

WPX ENERGY EAST PECOS FEDERAL 22 #9H EDDY, NEW MEXICO

PRIMARY PUMP:

2040

SECONDARY PUMP:

PREPARED BY: DANIEL MORENO

SERVICE SUPERVISOR
ARTESIA DISTRICT
1-575-748-8610

2/17/2017



ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY		DATE:	2/17/201	7		
LEASE NAME:	EAST PECOS FEDERAL 2	22	OPERATO	R NAME:	WPX ENER	GY	
WELL NUMBER:	#9H		TICKET NU	IMBER:	2505		
API NUMBER:	30-015-43349		AFE NUM	BER:			
SECTION: 22		TOWNSHIP):	26S		RANGE:	29E
COUNTY: EDDY			STATE:	NM			
RIG NAME: ORION 10		COMPANY		MIKE & J	AMES	PHONE#:	405-435-0089
			DIRECTION	IS-			

NOTES

AOB PROCEDURE THE METERS OF THE PROCEDURE TH

US285 SOUTH of Malaga NM to MM #4 turn LEFT onto Longhorn Rd and follow rig signs.

UPDATED BY MIKE ELLIOTT 1-26-17

ALL EMPLOYEES WEAR PPE

PUMP 40 BBLS MUD PUSH PUMP 385 SKS SLURRY @14.5PPG

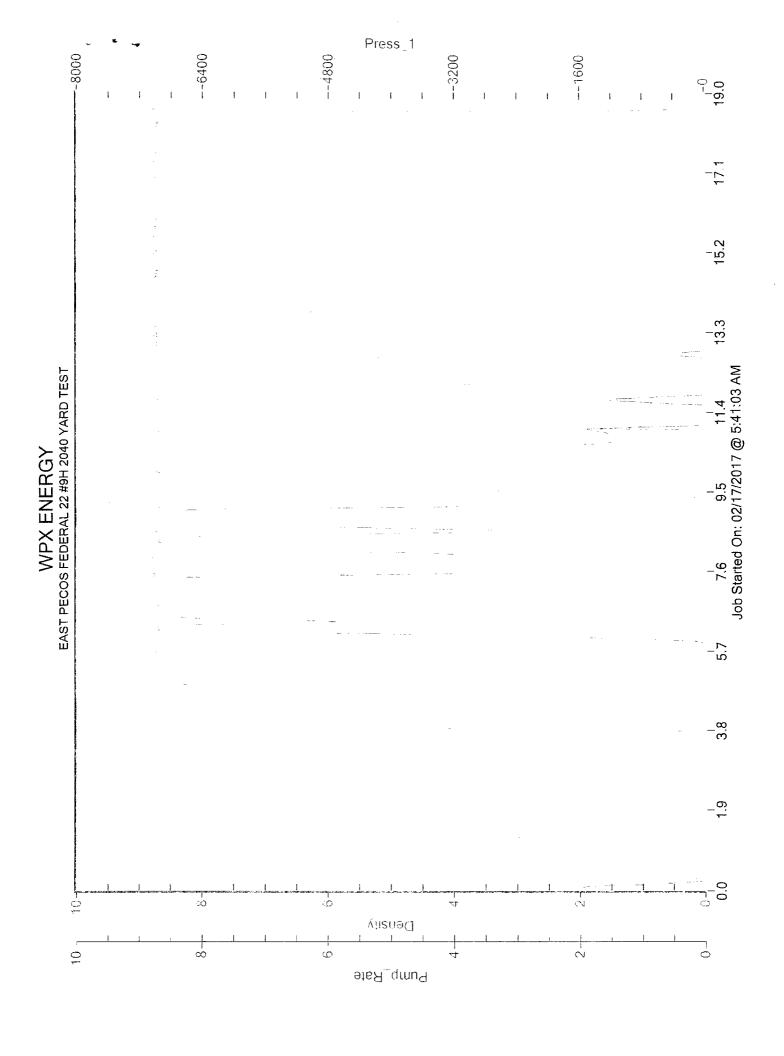
SHUT DOWN DROP PLUG DISPLACE WELL

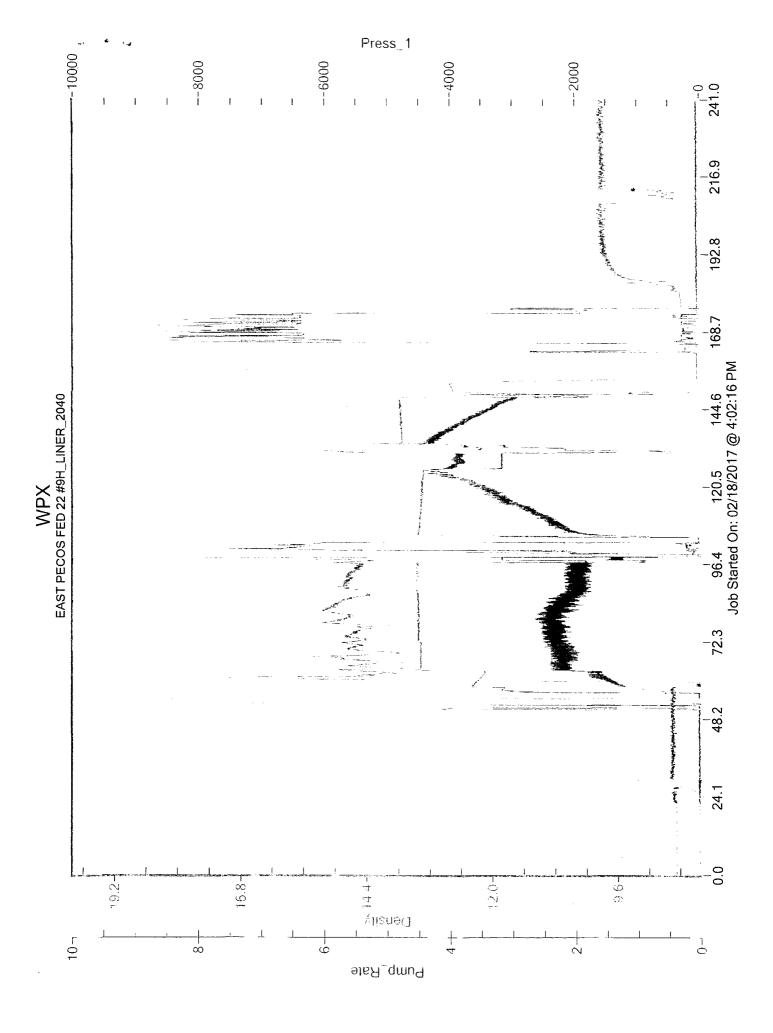


		*	E - WEL	to company and a second	DATA:			
JOB TYPE: LINER				HOLE SIZE:	, , , , , , , , , , , , , , , , , , , ,	6 1/8		
TVD:	10935			PREVIOUS	CASING SIZE		7	
PREVIOUS CASING LE	B/FT:	29		PREVIOUS	CASING DEP	TH:	11029	
CASING SIZE:	4 1/2				·····			
CASING LB/FT:	13.5			CASING GR	ADE:	P-110HC		
FLOAT COLLAR DEPT	H: 15455.97		······································	SHOE JOIN	T LENGTH:	49.56		
DV TOOL DEPTH:				SECOND D	V TOOL DEP	TH:		
TOTAL DEPTH:	15500			TOTAL CAS	ING :	15505.53		
	i i		J. J	JBULAR DA	TAV	a taka 194	alek sakeri katesi	
TBG/D.P. SIZE:	4			TBG/D.P. D		10487.02		
TBG/D.P. LB/FT:	14/27.2			TOOL DEP	TH:	10517.32		
PACKER OR RETAINE	R:		''	PERF/HOLI	DEPTH:			
			SURF	ACETQUIP	WENT.			1,75 - CC
CEMENT HEAD SIZE		4 1/2		QUICK COI	NNECT SIZE:	4 1/2		
DRILL PIN SIZE/TYPE:				THREAD:		CDC-HTQ		
TUBING SWEDGE SIZ	E:			TAKE 2 -2 I	NCH REGUL	AR TUBING	SWEDGES	
			CHE	MICALS NE	DED	11.00	The state of the s	4-14
SUPERVISOR:	Daniel Mo	reno		EQUIPMEN	TW	F.	T	
SUPERVISOR.	Damer Mo	16110		FIELD KEPI	RESERVIATIV	<u> </u>		
PUMP OPERATOR:	Porfirio So	to	····	UNIT NUMBER:		1031-204	0	
E/O:	Michael De	evito		UNIT NUMBER:				
E/O:	Daniel Trev	vino		UNIT NUMBER: 102		1029-202	α	
E/O:	Phillip Agu			UNIT NUM		1018-2004		
	11 Hamp v.Ba			ONT NOWBER.		1010 200		
E/O:				UNIT NUM	IBER:			
	2.00			FLUID DATA				S S Sunday
1ST SLURRY:							entonite + .7% PF606 Flu	idloss + .2% PF813
DENSITY: 14.5	Retarder + .1 YIELD:	% PF65 Disper 1.64	sant + .1% PF1 MIX H2O:		SACKS:	s PF45 Defoa	mer 385	
2ND SLURRY:	THEED.	12.04	10000	17.121	Johens.	1	303	
DENSITY:	YIELD:	<u> </u>	MIX H2O:		SACKS:			
3RD SLURRY:	1	<u></u>		I	15, 10,10,			
DENSITY:	YIELD:		MIX H2O:	<u> </u>	SACKS:			
4TH SLURRY:	11122		1	<u> </u>	10/10/10.	<u> </u>		
DENSITY:	YIELD:	T	MIX H2O:	1	SACKS:	1		
5TH SLURRY	111110.	L	1111/1/120.	L	Janeila.	<u></u>		
DENSITY:	YIELD:	Υ	MIX H2O:	r	SACKS:			
DISPLACEMENT TYPE		L,& OBM	 	I MENT VOLU		177	MUD WEIGHT:	13.8
DISPLACEINIEMI ITPE	- nzu,ku	L, Q UDIVI	INISELACEN	TENT VOLU	IVIE:	11//	INIOD WEIGHT:	173.9



COMPANY NAME	E: WPX EN	ERGY		DATE: 2/17/2017
LEASE NAME:	EAST PEO	COS FEDERAL 22		TICKET NUMBER: 2505
WELL NUMBER:	#9H			JOB TYPE: LINER
SCHEDULED LOCA	ATION TIME	9:00		
TIME ARRIVED O	N LOCATION		8:40	TIME LEFT LOCATION 22:00 (2-18-17)
iii.ME	ARIESSURE	WOLUME	RATE	LOGIDLITAILS
(KG	भार (देशपुर्व) इ.स.च्या			
6:15				PRE-CONVOY MEETING
6:30				DEPARTURE FROM YARD
8:40				ARRIVE LOCATION
8:45				HAZZARD ASSESMENT
8:55				PRE-RIG UP MEETING
9:00				RIG UP
(2-18-17)5:00:00	AM			FINISHED RUNNING DRILL PIPE
15:00		-		CIRCULATED WELL TIL REACHED DESIRED STROKES
15:05				PRE JOB SAFETY MEETING
16:54	200	2	1	PRIME LINES
16:56	8580	0.5	0.5	TEST LINES
17:00	2100	40	4.4	MUD PUSH SPACER
17:11	2400	112	4.5	CEMENT SLURRY
17:42				SHUT DOWN & CLEAN LINES
17:48				DROP PLUG
17:49		174	4.5	DISPLACEMENT
17:49	2000	4	4.5	FRESH WATER
17:50	2300	60	4.5	KCL
18:06	3400	20	4.5	FRESH WATER
18:10	4300	90	4.5	OIL BASE MUD
18:15	6180		3	SLOW RATE THRU LINER & SHEARD
18:34	2900	-	3	SLOW RATE
18:36	4000		3	BUMP PLUG
18:39				CHECK FLOATS, FLOATS HELD, 2.5 BBLS BACK
18:45				BROKE LINES OFF PLUG CONTAINER
17:20			6	RIG CIRCULATED OFF TOOL
20:15				RIG DOWN MEETING
				CEMENT OFF TOOL 37 BBLS, 129 SKS
	<u></u>	·····	·	





PAR A FIVE

Par Five Energy Services, LLC

ART17-6790-01Pilot

ENERGY SERVICES LLC

11279 Lovington Hwy Artesia . NM

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

Customer: WPX Energy

MD: 15794

Report Date: February 08 2017

Well Name: East Pecos Federal 22 #9H

TVD: 10924

Lead

County: Eddy

State: NM

BHST: 167

String:

Liner

Rig: Orion Phoenix 10

BHCT: 131

Blend Type:

Stage:

Pilot Blend

Salesman: Chris DeLeon

Reported By: Hernandez, Patricia

esting intermetation

Density: 14.50 ppg

Yield: 1.64 cuft/sk

Shayeoniochion

Mix Fluid: 7.123 gal/sk

50/50PozH Cement Blend: Additive Conc Design Description Lot Number PF-044 **BWOW** G3C809 5.000 % --Salt PF-151 30.00% % ~ **BWOB** Calcium Carbonate MFT-M20002041 PF-020 2.00% **BWOB** Bentonite Gel Bulk PF-606 0.70% % ~ **BWOB** Fluid Loss GS20121C01-26 **BWOB** High Temp Retarder PF-813 0.10% 28S3SM PF-065 0.10% BWOB Dispersant 04110 BWOB PF-153 0.10% Anti Settling Agent PF-045 0.400 lb/sk **BWOB** Defoamer 201304AC

Barrier (Manage Barring) 200 300 PV Temp 6 100 ΥP 80 °F 16.5 76.5 131.5 180 155.25 24.75 14 122 166 208 129 79 167 °F 42 52

विवाद होता है। Temp POD 30 Bc 50 Bc 70 Bc 100 Bc **Batch Time** 167 °F 3:39 5:26 5:41 5:53

Thickening Time does not include batch time.

fried: Bound Temp Incl. ml Collected | Start Time | Stop Time 167 °F 45 0 ml/250 9:55 11:55

Hillians Temp PSI ml Collected Minutes API (Calc) 167 °F 1000 66 ml At 4 361