Form 3160-5
(June 2015)

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMNM54290

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
NORTH BRUSHY DRAW FEDERAL 35 5H

2. Name of Operator
RKI EXPLORATION & PROD LLC
Contact: CRYSTAL FULTON
E-Mail: crystal.fulton@wpxenergy.com

9. API Well No.
30-015-42291-00-S1

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
PURPLE SAGE-WOLFCAMP (GAS)

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 35 T26S R29E SESW 175FSL 2390FWL
32.053455 N Lat, 103.562225 W Lon

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Drilling Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.

RKI EXPLORATION AND PRODUCTION, LLC HAS CONCLUDED THE DILLING OPERATIONS FOR THIS WELL. A SUMMARY OF THE DRILLING OPERATION IS AS FOLLOWS:

Spud: 2/23/2017

8-8-17
JC
Accepted for record - NMOCD

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 07 2017
RECEIVED

Surface: 2/23/2017 - 13-3/8? 54.5# J-55 STC: 0? ? 633? CMT: LEAD 350 sks @13.5 ppg, TAIL: 200 sks @ 14.8 ppg, bump plug, floats held. Circ 60 bbls to sfc.

Intermediate: 2/26/2017 - 9-5/8? 40# J-55 LTC: 0? ? 3,173' CMT: LEAD 605 sks @ 12.9 ppg, TAIL: 200 sks @14.8 ppg, bump plug @ 800psi, floats held. Circ 57 bbl to sfc.

2nd Intermediate: 3/5/2017 - 7? 29# HCP-110 BTC: 0? ? 10,971? CMT: LEAD 615 sks @ 11.2 ppg, TAIL:

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #370819 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 03/27/2017 (17DLM1110SE)

Name *(Printed/Typed)* CRYSTAL FULTON — Title PERMITTING TECH II

Signature (Electronic Submission) — Date 03/23/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — Title ZOTA STEVENS PETROLEUM ENGINEER — Date 08/02/2017

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 Carlsbad

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 ****

Additional data for EC transaction #370819 that would not fit on the form

32. Additional remarks, continued

235 sks @ 15.6 ppg, bump plug @ 700 psi, floats held. Circ 35 bbl to sfc.

Production Liner: 3/12/2017 - 4-1/2? 13.5# HCP-110 CDC-HTQ: 10,028? ? 15,411? CMT: 335 sks @ 13.0 ppg, bump plug @2600 psi, floats held. Full returns throughout job. Circ 35 bbl off liner.

Post Job Reports Attached

WELL SUMMARY

PAR FIVE

ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY	DATE:	2/23/2017		
LEASE NAME:	NORTH BRUSHY DRAW 35	OPERATOR NAME:	WPX ENERGY		
WELL NUMBER:	#5H	TICKET NUMBER:	6132		
API NUMBER:	30-015-42291	AFE NUMBER:			
SECTION: 35		TOWNSHIP:	25S	RANGE:	29E
COUNTY: EDDY		STATE:	NM		
RIG NAME: ORION 10		COMPANY REP:	MS KINZIE BEAVERS	PHONE#:	720-202-1068

DIRECTIONS

From the intersection of 285 and Longhorn County Road 725 go on 725 for 4.3 miles to a lease road. Go 3.7 miles Northeast turn and go South 0.2 mile. Go East 0.5 mile . Go South 1.0 mile to a lease road and go West 0.2 mile then go North 0.1 mile. Turn and go Southwest 0.3 mile to location.

NOTES

UPDATED BY MIKE ELLIOTT 2-21-17

HSE

ALL EMPLOYEES WEAR PPE

JOB PROCEDURE

PUMP 20 BBLS GELL SPACER
PUMP 350 SKS LEAD SLURRY @ 13.5 PPG

PUMP 200 SKS TAIL SLURRY @ 14.8
SHUT DOWN DROP PLUG
DISPLACE WELL

WELL SUMMARY

PAR FIVE

ENERGY SERVICES LLC

WELL/CASING DATA			
JOB TYPE: SURFACE		HOLE SIZE:	17 1/2
TVD:	633	PREVIOUS CASING SIZE:	20
PREVIOUS CASING LB/FT:	94	PREVIOUS CASING DEPTH:	80
CASING SIZE:	13.375		
CASING LB/FT:	54.5	CASING GRADE:	J-55
FLOAT COLLAR DEPTH:	587.09	SHOE JOINT LENGTH:	48.77
DV TOOL DEPTH:	n/a	SECOND DV TOOL DEPTH:	n/a
TOTAL DEPTH:	633	TOTAL CASING :	635.86

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:	8 RD
TUBING SWEDGE SIZE:		TAKE 2 -2 INCH REGULAR TUBING SWEDGES	

CHEMICALS NEEDED
110# PF424, 200# SUGAR

EQUIPMENT			
SUPERVISOR:	Ruben Sanchez	FIELD REPRESENTATIVE:	
PUMP OPERATOR:	Josh Castillas	UNIT NUMBER:	1034/2036
E/O:	Jesse Leos	UNIT NUMBER:	1012/2041
E/O:	Juan Quintero	UNIT NUMBER:	1016/2039
E/O:	Ray Vale	UNIT NUMBER:	2002
E/O:		UNIT NUMBER:	

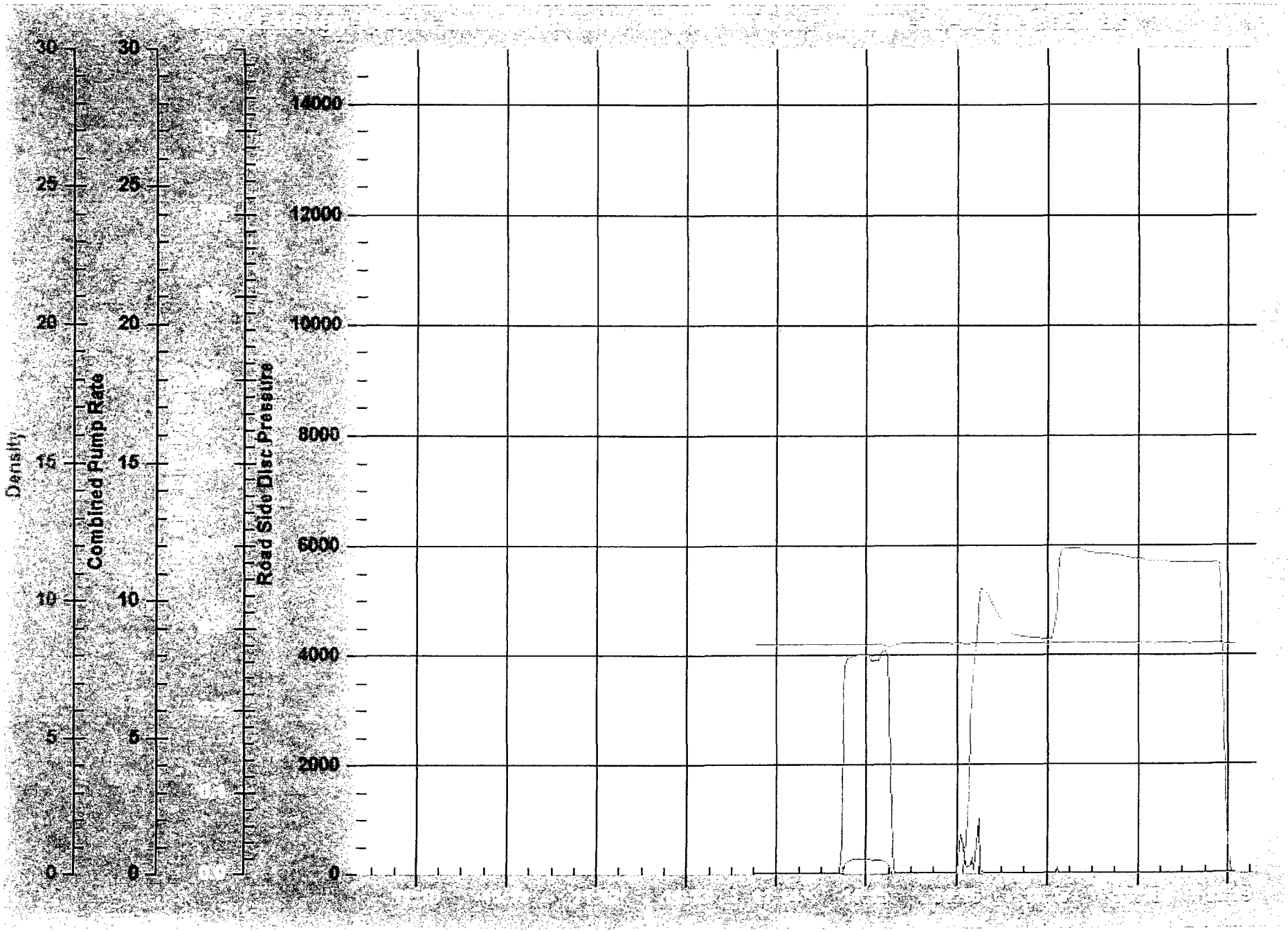
FLUID DATA											
1ST SLURRY:	C + 4% PF20 Bentonite + 2% PF1 Calcium + .4 pps PF45 Defoamer + .125 pps PF29 Cellophane										
DENSITY:	13.5	YIELD:	1.74	MIX H2O:	9.129	SACKS:	350				
2ND SLURRY:	C + 2% PF1 Calcium										
DENSITY:	14.8	YIELD:	1.34	MIX H2O:	6.3	SACKS:	200				
3RD SLURRY:											
DENSITY:		YIELD:		MIX H2O:		SACKS:					
4TH SLURRY:											
DENSITY:		YIELD:		MIX H2O:		SACKS:					
5TH SLURRY											
DENSITY:		YIELD:		MIX H2O:		SACKS:					
DISPLACEMENT TYPE :	H20	DISPLACEMENT VOLUME:				90.7	MUD WEIGHT:	9.5			

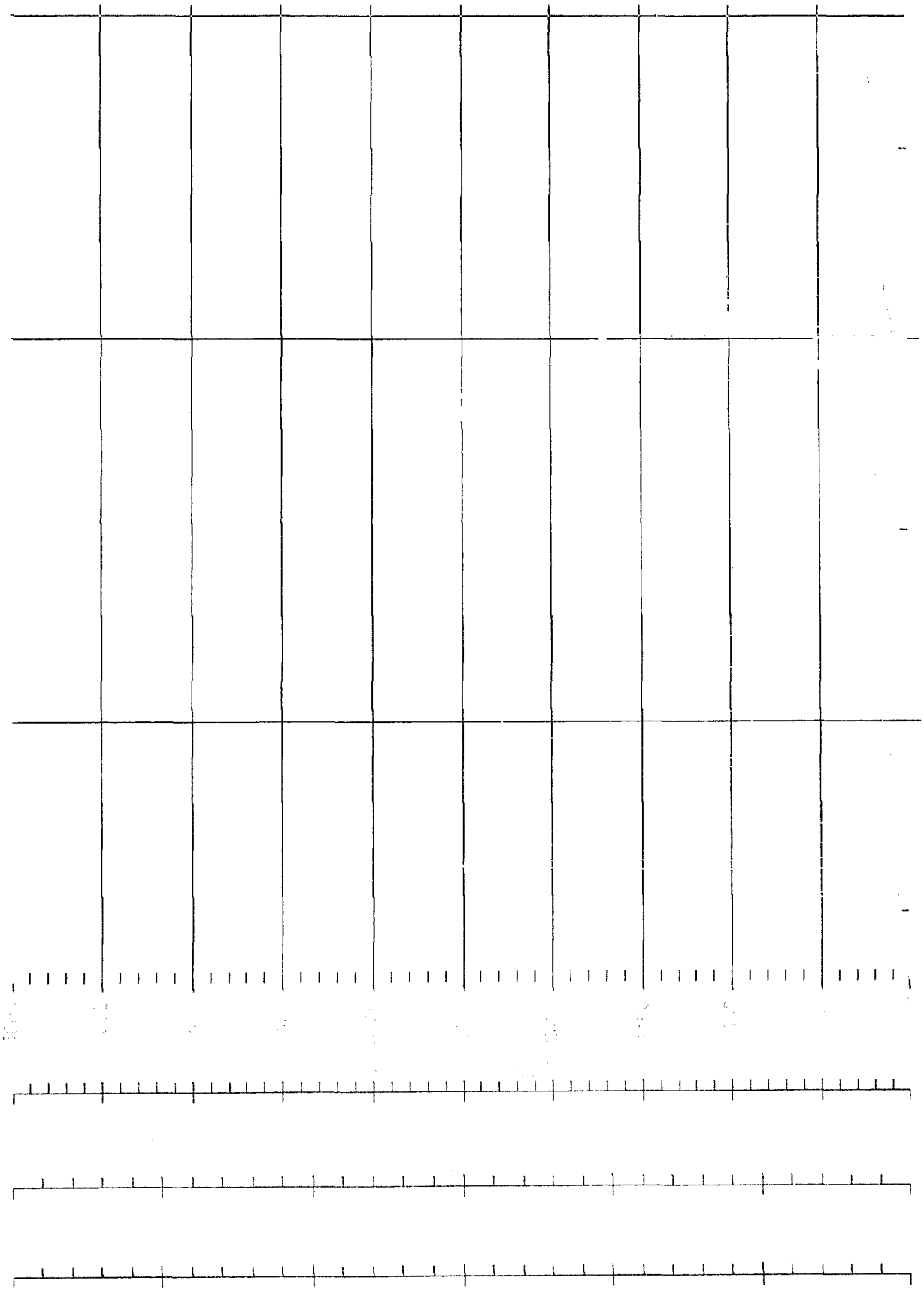
JOB LOG

PAR FIVE ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY	DATE:	2/23/2017
LEASE NAME:	NORTH BRUSHY DRAW 35	TICKET NUMBER:	6132
WELL NUMBER:	#5H	JOB TYPE:	SURFACE
SCHEDULED LOCATION TIME	2/23/2017 14:00		
TIME ARRIVED ON LOCATION	2/23/2017 14:00	TIME LEFT LOCATION	2/23/2017 20:30

TIME	PRESSURE		VOLUME	RATE	LOG DETAILS
	TBG OR D.P	CASING			
11:45	X	X		X	PRE-CONVOY MEETING
11:52	X	X		X	DEPARTURE FROM YARD
14:00	X	X		X	ARRIVE LOCATION
14:05	X	X		X	HAZZARD ASSESMENT
14:15	X	X		X	PRE-RIG UP MEETING
14:20	X	X		X	Rig Up
14:20	X	X		X	Rig Still Running Casing
15:10	X	X		X	Finished Rigging Up
16:20	X	X		X	Casing Crew Rigging Down
17:33	X	X		X	Pre Job safety Meeting
17:00	X	X		X	Stab Head
17:50	X	80	2	4	2 bbls To Fill Lines
17:52	X	2500	0.5	0.5	Test Lines
17:53	X	0	0	0	open up to the Well
17:54	X	110	20	5	Gel Spacer
17:57	X	125	10	5	Dye Spacer
18:05	X	212	108	5	Lead Slurry
18:23	X	265	47	5	Tail Slurry
18:31	X	0	0	0	Shut Down Drop Plug
18:35	X	260	80	5	Displacement
18:46	X	173	9.5	3	SLOW Rate
18:55	X	927	0.5	3	Bump Plug
	X	927	0	0	Hold for 5 Min
19:00	X	0	0	X	Check Floats
	X	0	0	X	Floats Held
	X	X		X	Circulated 60 Bbls/ 193 Sacks
	X	X		X	Switch Over to wash up
19:07	X	X		X	Rig Down Safety Meeting
19:10	X	X		X	Rig Down
20:00	X	X		X	Finished Rigging Down
20:15	X	X		X	Pre Convoy Safety Meeting
20:30	X	X		X	Leaving Location
					Thank You Ruben Sanchez Jr and Crew for using PAR-FIVE ENERGY


Density
Combined Pump Rate
Road Side Disc Pressure
30
25
20
15
10
5
0
14000
12000
10000
8000
6000
4000
2000
0



PAR FIVE

ENERGY SERVICES LLC

DESIGN - EXECUTE - EVALUATE - REPORT

9.625 INTERMEDIATE

WPX ENERGY

NORTH BRUSHY DRAW 35 #5H

EDDY COUNTY NEW MEXICO

PRIMARY PUMP: UNIT #2036 JOSH CASILLAS
SECONDARY PUMP:

PREPARED BY:RUBEN SANCHEZ JR/ANDY WHITE

SERVICE SUPERVISOR

ARTESIA DISTRICT

1-575-748-8610

2/26/2017

WELL SUMMARY

PAR FIVE

ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY		DATE: 2/26/2017		
LEASE NAME:	NORTH BRUSHY DRAW 35		OPERATOR NAME:	WPX ENERGY	
WELL NUMBER:	#5H		TICKET NUMBER:	6137	
API NUMBER:	30-015-42291		AFE NUMBER:		
SECTION: 35		TOWNSHIP:	25S	RANGE:	29E
COUNTY: EDDY		STATE:	NM		
RIG NAME: ORION 10		COMPANY REP:	MS KINZIE BEAVERS	PHONE#:	720-202-1068

DIRECTIONS

From the intersection of 285 and Longhorn County Road 725 go on 725 for 4.3 miles to a lease road. Go 3.7 miles Northeast turn and go South 0.2 mile. Go East 0.5 mile . Go South 1.0 mile to a lease road and go West 0.2 mile then go North 0.1 mile. Turn and go Southwest 0.3 mile to location.

NOTES

UPDATED BY MIKE ELLIOTT 2-21-17

HSE

ALL EMPLOYEES WEAR PPE

JOB PROCEDURE

PUMP 20 BBLS GELL SPACER
PUMP 605 SKS LEAD SLURRY @ 12.9 PPG

PUMP 200 SKS TAIL SLURRY @ 14.8
SHUT DOWN DROP PLUG
DISPLACE WELL

WELL SUMMARY

PAR FIVE

ENERGY SERVICES LLC

WELL /CASING DATA			
JOB TYPE: 9.625 INTERMEDIATE		HOLE SIZE:	12 1/4
TVD:	3181	PREVIOUS CASING SIZE:	13 3/8
PREVIOUS CASING LB/FT:	54.5	PREVIOUS CASING DEPTH:	633
CASING SIZE:	9 5/8		
CASING LB/FT:	40	CASING GRADE:	J55
FLOAT COLLAR DEPTH:	3128	SHOE JOINT LENGTH:	46.41
DV TOOL DEPTH:	n/a	SECOND DV TOOL DEPTH:	n/a
TOTAL DEPTH:	3173	TOTAL CASING :	3174.78

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:	9 5/8	QUICK CONNECT SIZE:	9 5/8
DRILL PIN SIZE/TYPE:		THREAD:	8 RD
TUBING SWEDGE SIZE:		TAKE 2 -2 INCH REGULAR TUBING SWEDGES	

CHEMICALS NEEDED
110# PF424, 200# SUGAR

EQUIPMENT			
SUPERVISOR:	Ruben Sanchez	FIELD REPRESENTATIVE:	
PUMP OPERATOR:	Josh Castillas	UNIT NUMBER:	1034/2036
E/O:	Andrew White	UNIT NUMBER:	3029
E/O:	Rogelio Alvarez	UNIT NUMBER:	1018/2004
E/O:	Ray Vale	UNIT NUMBER:	5003/6003
E/O:		UNIT NUMBER:	FIELD BIN 2010

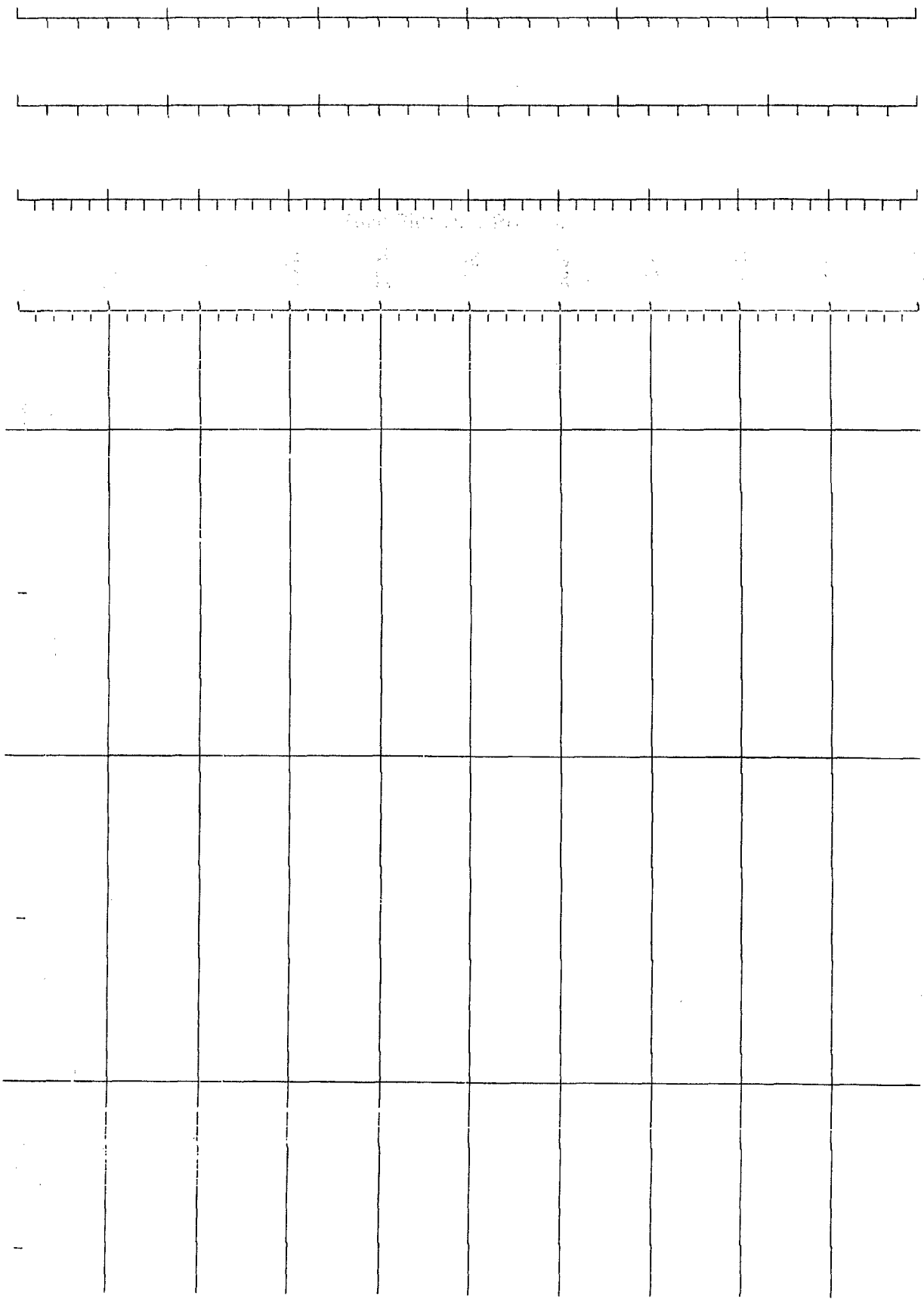
FLUID DATA									
1ST SLURRY:	35/65 Poz/C + 5% (BWOW) PF44 Salt + 6% PF20 Bentonite +.5% PF79 Chemical Extender + 3 pps PF42 Kol-Seal + .4 pps PF45 Defoamer + .125 pps PF29 Cellophane								
DENSITY:	12.9	YIELD:	1.92	MIX H2O:	9.956	SACKS:	605		
2ND SLURRY:	C Neat								
DENSITY:	14.8	YIELD:	1.32	MIX H2O:	6.304	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 :	H20	DISPLACEMENT VOLUME:				237	MUD WEIGHT:	9.5	

JOB LOG

PAR FIVE ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY	DATE:	2/26/2017
LEASE NAME:	NORTH BRUSHY DRAW 35	TICKET NUMBER:	6137
WELL NUMBER:	#5H	JOB TYPE:	9.625 INTERMEDIATE
SCHEDULED LOCATION TIME	2/26/2017 10:00		
TIME ARRIVED ON LOCATION	2/26/2017	TIME LEFT LOCATION	2/26/2017 15:00

TIME	PRESSURE		VOLUME	RATE	LOG DETAILS
	TBG OR DP	CASING			
8:00					PRE-CONVOY MEETING
8:30					DEPARTURE FROM YARD
9:00					ARRIVE LOCATION
9:05					HAZZARD ASSESMENT
9:45					PRE-RIG UP MEETING
9:50					RIG UP
9:50					RIG STARTED RUNNING CASING
11:00					RIG UP COMPLETE
11:30					CASING CREW RIGGING DOWN
12:00					PRE JOB SAFETY MEETING
12:05					STAB CEMENT HEAD
12:20		80	2	3	2 BBLS TO FILL LINES
12:25		3500	0.5	0.5	TEST LINES
12:30		180	20	5.5	GEL SPACER
12:34		185	20	5.5	DYE SPACER
12:35		290	206	6.8	LEAD SLURRY
13:25		330	47	5	TAIL SLURRY
13:35		0	0	0	SHUT DOWN
13:38		0	0	0	DROP PLUG
13:40		900	227	8	DISPLACEMENT
14:10		720	9.5	3	SLOW RATE
14:13		800	0.5	3	BUMP PLUG
14:18		1343	0	0	HOLD FOR FIVE MIN
14:18		0	0	0	CHECK FLOATS
14:19		0	1	0	FLOATS HELD
					CIRCULATED 57 BBLs 166 SKS
14:25					SWITCHED OVER TO WASH UP
14:30					RIG DOWN SAFETY MEETING
14:32					RIG DOWN
15:00					RIG DOWN COMPLETE
					RAY, ROGER AND MACARIO BLEW DOWN FIELD BIN # 2010
15:25					PRE CONVOY SAFETY MEETING
15:30					LEAVE LOCATION
					Thank You Ruben Sanchez Jr and crew for using PAR-FIVE Energy



PAR FIVE

ENERGY SERVICES LLC

Customer:	WPX Energy	MD:	3173	Report Date:	February 25 2017
Well Name:	North Brushy Draw 35 #5H	TVD:	3173	Stage:	Lead
County:	Eddy State: NM	BHST:	105	String:	Intermediate
Rig:	Orion Phoenix 10	BHCT:	90	Blend Type:	Pilot Blend
Salesman:	Chris DeLeon			Reported By:	Rodriguez, Sonny

Slurry Information

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

Slurry Composition

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	

Rheology (Average Readings)

Temp	3	6	100	200	300	PV	YP
80 °F	22	32.5	46	49.5	54	12	42
90 °F	30.5	45	111	118.5	125	21	104

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
90 °F	1:54	2:41	3:36	3:58		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
90 °F	0	0 ml/250	11:07	1:07

UCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
105	3:58	8:40	717	1042		

Comments

PAR FIVE

ENERGY SERVICES LLC

Customer:	WPX Energy	MD:	3173	Report Date:	February 25 2017
Well Name:	North Brushy Draw 35 #5H	TVD:	3173	Stage:	Tail
County:	Eddy State: NM	BHST:	105	String:	Intermediate
Rig:	Orion Phoenix 10	BHCT:	90	Blend Type:	Pilot Blend
Salesman:	Chris DeLeon			Reported By:	Rodriguez, Sonny

Slurry Information

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

Slurry Composition

Cement Blend: Class C

Additive	Conc	Design	Description	Lot Number
No Adds		BWOB		

Rheology (Average Readings)

Temp	3	6	100	200	300	PV	YP
80 °F	11.5	16.5	31.5	40	48	24.75	23.25
90 °F	14.5	22.5	45	55	63	27	36

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
90 °F	1:16	2:16	2:42	3:12		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
90 °F	0	0 ml/250	9:08	9:28

UCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
105	3:19	6:44	1113	1665		

Comments

PAR 5

1 General

1.1 Customer Information

Company	Permian
Representative	
Address	

1.2 Well/Wellbore Information

Well	BRUSHY N. DRAW FEDERAL 35-5H	Wellbore No.	00
Well Name	BRUSHY N. DRAW FEDERAL 35-5H	Wellbore Name	BRUSHY N. DRAW FEDERAL 35-5H
Report no.	4	Report date	2/25/2017
Project	NM	Site	BRUSHY N. DRAW FEDERAL 35-5H
Rig Name/No.	Orion - Phoenix/	Event	DRILLING
Start Date	2/23/2017	End date	
Spud date		UWI	BRUSHY N. DRAW FEDERAL 35-5H
Active datum	RKB @3,023.0usft (above Mean Sea Level)		

1.3 Run Tally Header

Date set	2/26/2017 12:00AM	Total length run	3,174.78 (usft)	Tally type	RUN
Proposed set MD	3,173.00 (usft)	Buoyancy factor		Block weight	(kip)

2 Tally

2.1 Pipe Sections

Run No.	Desc.	Size (in)	Manufacturer	Weight (ppf)	Top connector	Grade	Range	Threat Corr Factor (usft)	Displacement (bbl/ft)

2.2 Run Tally

Run No.	Tally no.	Unused Joints	Length (usft)	Cum. Length (usft)	Set Depth (usft)	CT	Pipe Displacement (bbl/ft)	Desc.	Comments
1			1.81	1.81	3,173.00				Shoe
2	1		43.14	44.95	3,171.19	Y			
3			1.46	46.41	3,128.05				Float Collar
4	2		43.15	89.56	3,126.59	Y			
5	3		43.15	132.71	3,083.44				
6	4		43.13	175.84	3,040.29				
7	5		43.14	218.98	2,997.16	Y			
8	6		43.15	262.13	2,954.02				
9	7		43.13	305.26	2,910.87				
10	8		43.16	348.42	2,867.74	Y			
11	9		43.13	391.55	2,824.58				
12	10		43.15	434.70	2,781.45				
13	11		43.13	477.83	2,738.30	Y			
14	12		43.16	520.99	2,695.17				
15	13		43.15	564.14	2,652.01				
16	14		43.14	607.28	2,608.86	Y			
17	15		43.15	650.43	2,565.72				
18	16		43.14	693.57	2,522.57				
19	17		43.14	736.71	2,479.43	Y			
20	18		43.15	779.86	2,436.29				

2.2 Run Tally (Continued)

Run No.	Tally no.	Unused Joints	Length (usft)	Cum. Length (usft)	Set Depth (usft)	CT	Pipe Displacement (bbl/ft)	Desc.	Comments
21	19		43.13	822.99	2,393.14				
22	20		43.15	866.14	2,350.01	Y			
23	21		43.15	909.29	2,306.86				
24	22		43.15	952.44	2,263.71				
25	23		43.13	995.57	2,220.56	Y			
26	24		43.14	1,038.71	2,177.43				
27	25		43.14	1,081.85	2,134.29				
28	26		43.14	1,124.99	2,091.15	Y			
29	27		43.15	1,168.14	2,048.01				
30	28		43.14	1,211.28	2,004.86				
31	29		43.15	1,254.43	1,961.72	Y			
32	30		43.15	1,297.58	1,918.57				
33	31		43.15	1,340.73	1,875.42				
34	32		42.18	1,382.91	1,832.27	Y			
35	33		43.15	1,426.06	1,790.09				
36	34		43.15	1,469.21	1,746.94				
37	35		43.15	1,512.36	1,703.79	Y			
38	36		43.17	1,555.53	1,660.64				
39	37		43.16	1,598.69	1,617.47				
40	38		43.15	1,641.84	1,574.31	Y			
41	39		43.13	1,684.97	1,531.16				
42	40		43.14	1,728.11	1,488.03				
43	41		43.15	1,771.26	1,444.89	Y			
44	42		43.14	1,814.40	1,401.74				
45	43		43.12	1,857.52	1,358.60				
46	44		43.15	1,900.67	1,315.48	Y			
47	45		43.15	1,943.82	1,272.33				
48	46		43.15	1,986.97	1,229.18				
49	47		43.15	2,030.12	1,186.03	Y			
50	48		43.14	2,073.26	1,142.88				
51	49		43.15	2,116.41	1,099.74				
52	50		43.14	2,159.55	1,056.59	Y			
53	51		43.14	2,202.69	1,013.45				
54	52		43.15	2,245.84	970.31				
55	53		43.13	2,288.97	927.16	Y			
56	54		43.14	2,332.11	884.03				
57	55		43.14	2,375.25	840.89				
58	56		43.13	2,418.38	797.75	Y			
59	57		42.00	2,460.38	754.62				
60	58		41.97	2,502.35	712.62				
61	59		41.95	2,544.30	670.65	Y			
62	60		41.95	2,586.25	628.70				
63	61		41.96	2,628.21	586.75				
64	62		41.95	2,670.16	544.79				
65	63		43.12	2,713.28	502.84				
66	64		43.14	2,756.42	459.72				
67	65		43.15	2,799.57	416.58				
68	66		43.11	2,842.68	373.43				
69	67		41.93	2,884.61	330.32				
70	68		41.94	2,926.55	288.39				
71	69		41.94	2,968.49	246.45				

2.2 Run Tally (Continued)

Run No.	Tally no.	Unused Joints	Length (usft)	Cum. Length (usft)	Set Depth (usft)	CT	Pipe Displacement (bbl/ft)	Desc.	Comments
72	70		41.96	3,010.45	204.51				
73	71		43.14	3,053.59	162.55				
74	72		43.15	3,096.74	119.41				
75	73		43.16	3,139.90	76.26				
76			4.23	3,144.13	33.10				Pup on hanger
77			2.03	3,146.16	28.87				Hanger
78			28.62	3,174.78	26.84				Landing Joint
		74	43.16		-1.78				
		75	43.14		-1.78				
		76	43.13		-1.78				
		77	43.13		-1.78				
		78	43.11		-1.78				
		79	43.14		-1.78				
		80	43.11		-1.78				
		81	16.87		-1.78				

PAR FIVE

ENERGY SERVICES LLC

DESIGN - EXECUTE - EVALUATE - REPORT

DEEP INTERMEDIATE

WPX ENERGY

NORTH BRUSHY DRAW 35 #5H

EDDY COUNTY NEW MEXICO

PRIMARY PUMP: UNIT 2040

SECONDARY PUMP:

PREPARED BY: DIEGO ORTEGA/ANDREW WHITE

SERVICE SUPERVISOR

ARTESIA DISTRICT

1-575-748-8610

3/5/2017

WELL SUMMARY

PAR FIVE

ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY		DATE:	3/5/2017	
LEASE NAME:	NORTH BRUSHY DRAW 35		OPERATOR NAME:	WPX ENERGY	
WELL NUMBER:	#5H		TICKET NUMBER:	6007	
API NUMBER:	30-015-42291		AFE NUMBER:		
SECTION: 35		TOWNSHIP:	25S	RANGE:	29E
COUNTY: EDDY			STATE: NM		
RIG NAME: ORION 10		COMPANY REP:	DMITRY SMUSHKON	PHONE#:	720-202-1068

DIRECTIONS

From the intersection of 285 and Longhorn County Road 725 go on 725 for 4.3 miles to a lease road. Go 3.7 miles Northeast turn and go South 0.2 mile. Go East 0.5 mile . Go South 1.0 mile to a lease road and go West 0.2 mile then go North 0.1 mile. Turn and go Southwest 0.3 mile to location.

NOTES

UPDATED BY MIKE ELLIOTT 2-21-17

HSE

ALL EMPLOYEES WEAR PPE

JOB PROCEDURE

PUMP 20 BBLS GEL SPACER
PUMP 500 SKS LEAD SLURRY @ 11.2 PPG

PUMP 260 SKS TAIL SLURRY @ 15.6 PPG
SHUT DOWN DROP PLUG
DISPLACE WELL

WELL SUMMARY

PAR FIVE

ENERGY SERVICES LLC

WELL /CASING DATA			
JOB TYPE: DEEP INTERMEDIATE		HOLE SIZE:	8 3/4
TVD:	10585	PREVIOUS CASING SIZE:	9 5/8
PREVIOUS CASING LB/FT:	40	PREVIOUS CASING DEPTH:	3173
CASING SIZE:	7		
CASING LB/FT:	29	CASING GRADE:	HCP-110
FLOAT COLLAR DEPTH:	10884.26	SHOE JOINT LENGTH:	85.74
DV TOOL DEPTH:		SECOND DV TOOL DEPTH:	
TOTAL DEPTH:	10985	TOTAL CASING :	10970

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/ 8 RD
TUBING SWEDGE SIZE:		TAKE 2 -2 INCH REGULAR TUBING SWEDGES	

CHEMICALS NEEDED
110# PF 424, 200# SUGAR

EQUIPMENT			
SUPERVISOR:	Diego Ortega	FIELD REPRESENTATIVE:	
PUMP OPERATOR:	Porfirio Soto	UNIT NUMBER:	BP-4015
E/O:	Jose Reyes	UNIT NUMBER:	1007-2022
E/O:	Javier Gonzalez	UNIT NUMBER:	1031-2040
E/O:	Ray Vale	UNIT NUMBER:	
E/O:	Andrew White	UNIT NUMBER:	

FLUID DATA							
1ST SLURRY:	PVL + 10% PF20 Bentonite + 8% PF60 PlexCrete FPZ + .9% PF13 Reatrder + .7% PF606 Fluidloss + 3 pps PF42 Kol-Seal + .4 pps PF45 Defoamer + .125 pps PF29 Cellophane						
DENSITY: 11.2	YIELD:	2.67	MIX H2O:	15.694	SACKS:	615	
2ND SLURRY:	H + .3% PF13 Retarder						
DENSITY: 15.6	YIELD:	1.18	MIX H2O:	5.214	SACKS:	235	
3RD SLURRY:							
DENSITY:	YIELD:		MIX H2O:		SACKS:		
4TH SLURRY:							
DENSITY:	YIELD:		MIX H2O:		SACKS:		
5TH SLURRY							
DENSITY:	YIELD:		MIX H2O:		SACKS:		
DISPLACEMENT TYPE :	OBM		DISPLACEMENT VOLUME:		404	MUD WEIGHT:	13

JOB LOG

PAR FIVE

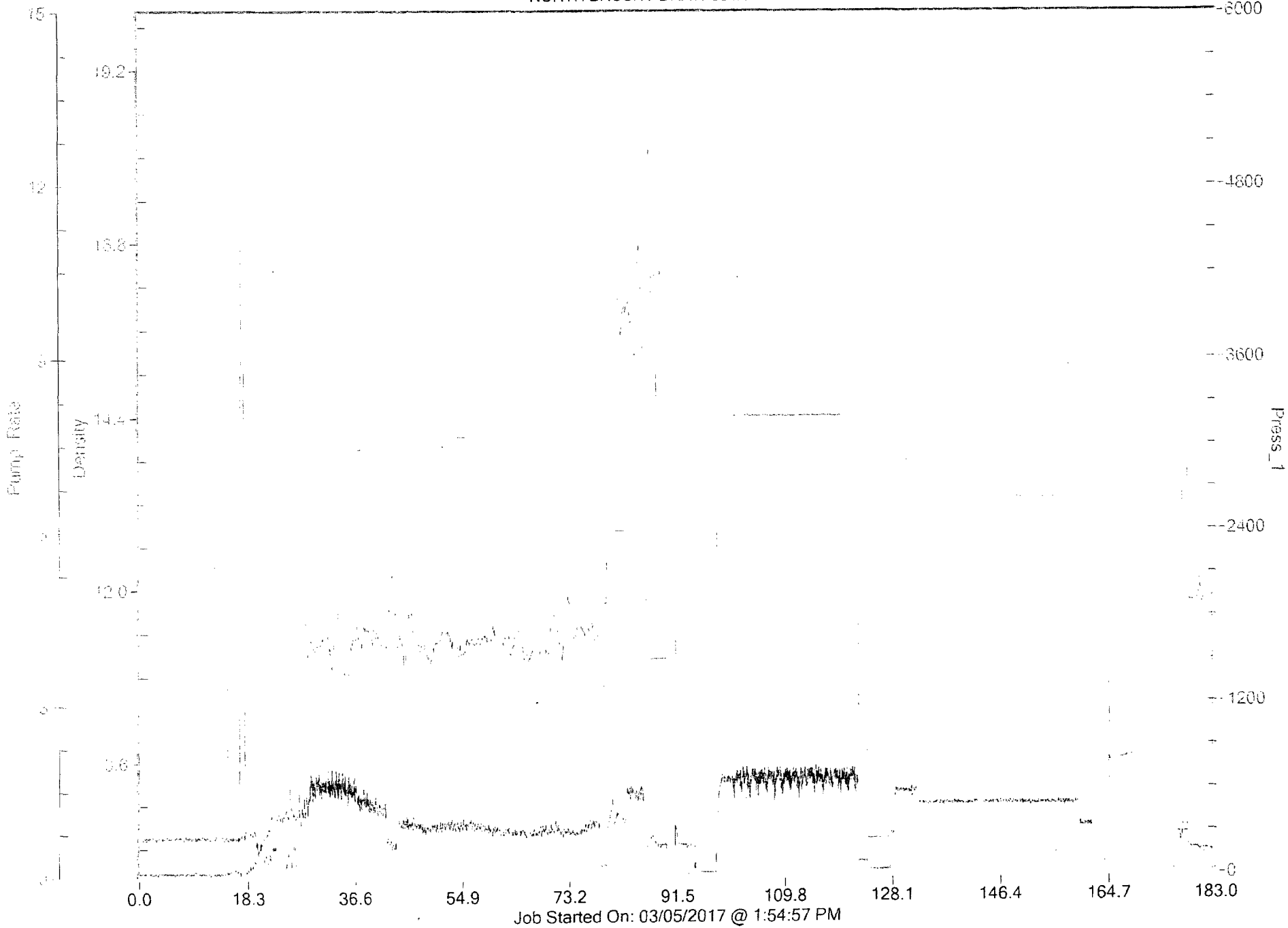
ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY	DATE:	3/5/2017
LEASE NAME:	NORTH BRUSHY DRAW 35	TICKET NUMBER:	6007
WELL NUMBER:	#5H	JOB TYPE:	DEEP INTERMEDIATE
SCHEDULED LOCATION TIME	12:00		
TIME ARRIVED ON LOCATION	13:00	TIME LEFT LOCATION	18:15

TIME	PRESSURE		VOLUME	RATE	LOG DETAILS
	TBG OR D.P	CASING			
10:45	X	X	X	X	PRE-CONVOY MEETING
11:00	X	X	X	X	DEPARTURE FROM YARD
13:00	X	X	X	X	ARRIVE LOCATION
13:05	X	X	X	X	HAZZARD ASSESMENT
13:10	X	X	X	X	PRE-RIG UP MEETING
13:15	X	X	X	X	RIG UP
13:15	X	X	X	X	RIG WAS ON BOTTOM WHEN ARRIVING TO LOCATION
14:00	X	X	X	X	PRE-JOB SAFETY MEETING
14:10	X	80	2	1	LOAD LINES
14:13	X	4580	0.5	0.5	TEST LINES
14:15	X	400	20	5.5	FRESH WATER SPACER
14:18	X	405	20	6.5	GEL SPACER
14:23	X	350	292	7.5	LEAD SLURRY
15:16	X	400	49	6	TAIL SLURRY
15:26	X				SHUT DOWN & CLEANED LINES
15:35	X				DROP PLUG
15:36	X	510	404	8	DISPLACEMENT
16:41	X	100	384	3.5	SLOW RATE 20 BBLS EARLY
16:42	X	790	404	3	BUMP PLUG
16:47	X	X	X	X	CHECK FLOATS, FLOATS HELD, 1.5 BBLS BACK
17:00	X	X	X	X	RIG DOWN MEETING
17:05	X	X	X	X	RIG DOWN
					CEMENT TO SURFACE 35 BBLS, 73 SKS

WPX 7" DEEP INTER

NORTH BRUSHY DRAW 35 #5H



Job Started On: 03/05/2017 @ 1:54:57 PM

ME
MB

PAR FIVE ENERGY SERVICES LLC

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

ART17-6863-01P

Customer:	**WPX Energy**	MD: **10892**	Report Date: **March 02 2017**
Well Name:	**North Brushy Draw 35 #5H**	TVD: **10603**	Stage: **Lead**
County:	**Eddy** State: **NM**	BHST: **165**	String: **2nd Intermediate**
Rig:	**Orion Phoenix 10**	BHCT: **129**	Blend Type: **Pilot Blend**
Salesman:	**Chris DeLeon**		Reported By: **Hernandez, Patricia**

Slurry Information

Density: 11.20 ppg Yield: 2.67 cuft/sk Mix Fluid: 15.694 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	FPZ 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	6.5	6.5	13	19.5	25	18	7
129 °F	2	2.5	10	16	21	16.5	4.5

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
129 °F	5:53	7:01	7:20	7:59		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
129 °F	0	0 ml/250	8:39	10:39

Fluid Loss

Temp	PSI	ml Collected	Minutes	API (Calc)
129 °F	1000	71 ml	At 30	142

UCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
165	19:02	25:32	23	414		

Comments

1412
1713

PAR FIVE ENERGY SERVICES LLC

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

ART17-6863-02P

Customer:	**WPX Energy**	MD:	**10892**	Report Date:	**March 02 2017**
Well Name:	**North Brushy Draw 35 #5H**	TVD:	**10603**	Stage:	**Tail**
County:	**Eddy** State: **NM**	BHST:	**165**	String:	**2nd Intermediate**
Rig:	**Orion Phoenix 10**	BHCT:	**129**	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

ME

Rheology (Average Readings)

Temp	3	6	100	200	300	PV	YP
80 °F	1	1	7	11.5	19	18	1
129 °F	28	45	102.5	109	116	20.25	95.75

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
129 °F	2:06	3:56	4:03	4:07		0

Thickening Time does not include batch time.

Fluid Loss

Temp	Incl.	ml Collected	Start Time	Stop Time
129 °F	0	0 ml/250	2:56	3:56

UCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
165	12:31	15:55	27	1484		

Comments

1 General

1.1 Customer Information

Company	Permian
Representative	
Address	

1.2 Well/Wellbore Information

Well	BRUSHY N. DRAW FEDERAL 35-5H	Wellbore No.	00
Well Name	BRUSHY N. DRAW FEDERAL 35-5H	Wellbore Name	BRUSHY N. DRAW FEDERAL 35-5H
Report no.	5	Report date	3/3/2017
Project	NM	Site	BRUSHY N. DRAW FEDERAL 35-5H
Rig Name/No.	Orion - Phoenix/	Event	DRILLING
Start Date	2/23/2017	End date	
Spud date	2/23/2017	UWI	BRUSHY N. DRAW FEDERAL 35-5H
Active datum	RKB @3,023.0usft (above Mean Sea Level)		

1.3 Run Tally Header

Date set	3/4/2017 12:00AM	Total length run	10,972.06 (usft)	Tally type	RUN
Proposed set MD	10,970.00 (usft)	Buoyancy factor		Block weight	35,000.0 (kip)

2 Tally

2.1 Pipe Sections

Run No.	Desc.	Size (in)	Manufacturer	Weight (ppf)	Top connector	Grade	Range	Threat Corr Factor (usft)	Displacement (bbl/ft)
2-3; 5-267;	CASING JOINT(S)	7.000		29.00	BUTTRESS		2		
4-4;	CASING FLOAT COLLAR	7.000		29.00	BUTTRESS				
1-1;	CASING FLOAT SHOE	7.000		29.00	BUTTRESS				
268-268;	CASING LANDING JOINT	7.000		29.00	BUTTRESS		2		

2.2 Run Tally

Run No.	Tally no.	Unused Joints	Length (usft)	Cum. Length (usft)	Set Depth (usft)	CT	Pipe Displacement (bbl/ft)	Desc.	Comments
1			1.35	1.35	10,970.00			CASING FLOAT SHOE	
2	1		41.38	42.73	10,968.65			CASING JOINT(S)	Turbolizer 1
3	2		41.37	84.10	10,927.27			CASING JOINT(S)	Turbolizer 2
4			1.64	85.74	10,885.90			CASING FLOAT COLLAR	
5	3		41.37	127.11	10,884.26			CASING JOINT(S)	Turbolizer 3
6	4		41.38	168.49	10,842.89			CASING JOINT(S)	
7	5		41.39	209.88	10,801.51			CASING JOINT(S)	
8	6		41.39	251.27	10,760.12			CASING JOINT(S)	Turbolizer 4
9	7		41.40	292.67	10,718.73			CASING JOINT(S)	
10	8		41.38	334.05	10,677.33			CASING JOINT(S)	
11	9		41.39	375.44	10,635.95			CASING JOINT(S)	Turbolizer 5
12	10		41.40	416.84	10,594.56			CASING JOINT(S)	
13	11		41.39	458.23	10,553.16			CASING JOINT(S)	
14	12		41.38	499.61	10,511.77			CASING JOINT(S)	Turbolizer 6
15	13		41.40	541.01	10,470.39			CASING JOINT(S)	
16	14		41.37	582.38	10,428.99			CASING JOINT(S)	

2.2 Run Tally (Continued)

Run No.	Tally no.	Unused Joints	Length (usft)	Cum. Length (usft)	Set Depth (usft)	CT	Pipe Displacement (bbl/ft)	Desc.	Comments
17	15		41.38	623.76	10,387.62			CASING JOINT(S)	Turbolizer 7
18	16		41.40	665.16	10,346.24			CASING JOINT(S)	
19	17		41.37	706.53	10,304.84			CASING JOINT(S)	
20	18		41.40	747.93	10,263.47			CASING JOINT(S)	Turbolizer 8
21	19		41.40	789.33	10,222.07			CASING JOINT(S)	
22	20		41.40	830.73	10,180.67			CASING JOINT(S)	
23	21		41.40	872.13	10,139.27			CASING JOINT(S)	Turbolizer 9
24	22		41.38	913.51	10,097.87			CASING JOINT(S)	
25	23		41.39	954.90	10,056.49			CASING JOINT(S)	
26	24		40.12	995.02	10,015.10			CASING JOINT(S)	Turbolizer 10
27	25		41.38	1,036.40	9,974.98			CASING JOINT(S)	
28	26		41.40	1,077.80	9,933.60			CASING JOINT(S)	
29	27		41.40	1,119.20	9,892.20			CASING JOINT(S)	Turbolizer 11
30	28		41.40	1,160.60	9,850.80			CASING JOINT(S)	
31	29		41.38	1,201.98	9,809.40			CASING JOINT(S)	
32	30		41.40	1,243.38	9,768.02			CASING JOINT(S)	Turbolizer 12
33	31		41.38	1,284.76	9,726.62			CASING JOINT(S)	
34	32		41.39	1,326.15	9,685.24			CASING JOINT(S)	
35	33		41.39	1,367.54	9,643.85			CASING JOINT(S)	Turbolizer 13
36	34		41.41	1,408.95	9,602.46			CASING JOINT(S)	
37	35		41.40	1,450.35	9,561.05			CASING JOINT(S)	
38	36		41.40	1,491.75	9,519.65			CASING JOINT(S)	Turbolizer 14
39	37		41.38	1,533.13	9,478.25			CASING JOINT(S)	
40	38		41.39	1,574.52	9,436.87			CASING JOINT(S)	
41	39		41.37	1,615.89	9,395.48			CASING JOINT(S)	Turbolizer 15
42	40		41.40	1,657.29	9,354.11			CASING JOINT(S)	
43	41		41.39	1,698.68	9,312.71			CASING JOINT(S)	
44	42		41.40	1,740.08	9,271.32			CASING JOINT(S)	Turbolizer 16
45	43		41.40	1,781.48	9,229.92			CASING JOINT(S)	
46	44		41.36	1,822.84	9,188.52			CASING JOINT(S)	
47	45		41.40	1,864.24	9,147.16			CASING JOINT(S)	Turbolizer 17
48	46		41.37	1,905.61	9,105.76			CASING JOINT(S)	
49	47		41.41	1,947.02	9,064.39			CASING JOINT(S)	
50	48		41.41	1,988.43	9,022.98			CASING JOINT(S)	Turbolizer 18
51	49		39.83	2,028.26	8,981.57			CASING JOINT(S)	
52	50		41.41	2,069.67	8,941.74			CASING JOINT(S)	
53	51		41.38	2,111.05	8,900.33			CASING JOINT(S)	Turbolizer 19
54	52		41.40	2,152.45	8,858.95			CASING JOINT(S)	
55	53		41.39	2,193.84	8,817.55			CASING JOINT(S)	
56	54		41.36	2,235.20	8,776.16			CASING JOINT(S)	Turbolizer 20
57	55		41.38	2,276.58	8,734.80			CASING JOINT(S)	
58	56		41.38	2,317.96	8,693.42			CASING JOINT(S)	
59	57		41.40	2,359.36	8,652.04			CASING JOINT(S)	Turbolizer 21
60	58		41.39	2,400.75	8,610.64			CASING JOINT(S)	
61	59		41.38	2,442.13	8,569.25			CASING JOINT(S)	
62	60		41.40	2,483.53	8,527.87			CASING JOINT(S)	Turbolizer 22
63	61		41.40	2,524.93	8,486.47			CASING JOINT(S)	
64	62		41.39	2,566.32	8,445.07			CASING JOINT(S)	
65	63		41.40	2,607.72	8,403.68			CASING JOINT(S)	Turbolizer 23
66	64		41.40	2,649.12	8,362.28			CASING JOINT(S)	
67	65		41.39	2,690.51	8,320.88			CASING JOINT(S)	

2.2 Run Tally (Continued)

Run No.	Tally no.	Unused Joints	Length (usft)	Cum. Length (usft)	Set Depth (usft)	CT	Pipe Displacement (bbl/ft)	Desc.	Comments
68	66		41.37	2,731.88	8,279.49			CASING JOINT(S)	Turbolizer 24
69	67		41.37	2,773.25	8,238.12			CASING JOINT(S)	
70	68		41.37	2,814.62	8,196.75			CASING JOINT(S)	
71	69		41.38	2,856.00	8,155.38			CASING JOINT(S)	Turbolizer 25
72	70		41.37	2,897.37	8,114.00			CASING JOINT(S)	
73	71		41.39	2,938.76	8,072.63			CASING JOINT(S)	
74	72		41.37	2,980.13	8,031.24			CASING JOINT(S)	Turbolizer 26
75	73		41.37	3,021.50	7,989.87			CASING JOINT(S)	
76	74		41.38	3,062.88	7,948.50			CASING JOINT(S)	
77	75		41.40	3,104.28	7,907.12			CASING JOINT(S)	Turbolizer 27
78	76		41.03	3,145.31	7,865.72			CASING JOINT(S)	
79	77		41.37	3,186.68	7,824.69			CASING JOINT(S)	
80	78		41.39	3,228.07	7,783.32			CASING JOINT(S)	Turbolizer 28
81	79		41.38	3,269.45	7,741.93			CASING JOINT(S)	
82	80		41.37	3,310.82	7,700.55			CASING JOINT(S)	
83	81		41.37	3,352.19	7,659.18			CASING JOINT(S)	Turbolizer 29
84	82		41.37	3,393.56	7,617.81			CASING JOINT(S)	
85	83		41.40	3,434.96	7,576.44			CASING JOINT(S)	
86	84		41.39	3,476.35	7,535.04			CASING JOINT(S)	Turbolizer 30
87	85		41.38	3,517.73	7,493.65			CASING JOINT(S)	
88	86		40.53	3,558.26	7,452.27			CASING JOINT(S)	
89	87		41.40	3,599.66	7,411.74			CASING JOINT(S)	Turbolizer 31
90	88		41.37	3,641.03	7,370.34			CASING JOINT(S)	
91	89		41.39	3,682.42	7,328.97			CASING JOINT(S)	
92	90		41.41	3,723.83	7,287.58			CASING JOINT(S)	Turbolizer 32
93	91		41.41	3,765.24	7,246.17			CASING JOINT(S)	
94	92		41.40	3,806.64	7,204.76			CASING JOINT(S)	
95	93		41.36	3,848.00	7,163.36			CASING JOINT(S)	Turbolizer 33
96	94		41.41	3,889.41	7,122.00			CASING JOINT(S)	
97	95		41.39	3,930.80	7,080.59			CASING JOINT(S)	
98	96		41.40	3,972.20	7,039.20			CASING JOINT(S)	Turbolizer 34
99	97		40.46	4,012.66	6,997.80			CASING JOINT(S)	
100	98		41.39	4,054.05	6,957.34			CASING JOINT(S)	
101	99		39.49	4,093.54	6,915.95			CASING JOINT(S)	Turbolizer 35
102	100		40.23	4,133.77	6,876.46			CASING JOINT(S)	
103	101		40.63	4,174.40	6,836.23			CASING JOINT(S)	
104	102		41.41	4,215.81	6,795.60			CASING JOINT(S)	Turbolizer 36
105	103		41.40	4,257.21	6,754.19			CASING JOINT(S)	
106	104		40.57	4,297.78	6,712.79			CASING JOINT(S)	
107	105		39.90	4,337.68	6,672.22			CASING JOINT(S)	Turbolizer 37
108	106		41.37	4,379.05	6,632.32			CASING JOINT(S)	
109	107		41.38	4,420.43	6,590.95			CASING JOINT(S)	
110	108		41.41	4,461.84	6,549.57			CASING JOINT(S)	Turbolizer 38
111	109		41.40	4,503.24	6,508.16			CASING JOINT(S)	
112	110		41.40	4,544.64	6,466.76			CASING JOINT(S)	
113	111		41.41	4,586.05	6,425.36			CASING JOINT(S)	Turbolizer 39
114	112		41.39	4,627.44	6,383.95			CASING JOINT(S)	
115	113		41.41	4,668.85	6,342.56			CASING JOINT(S)	
116	114		41.39	4,710.24	6,301.15			CASING JOINT(S)	Turbolizer 40
117	115		41.40	4,751.64	6,259.76			CASING JOINT(S)	
118	116		40.76	4,792.40	6,218.36			CASING JOINT(S)	

2.2 Run Tally (Continued)

Run No.	Tally no.	Unused Joints	Length (usft)	Cum. Length (usft)	Set Depth (usft)	CT	Pipe Displacement (bbl/ft)	Desc.	Comments
119	117		39.00	4,831.40	6,177.60			CASING JOINT(S)	Turbolizer 41
120	118		40.80	4,872.20	6,138.60			CASING JOINT(S)	
121	119		41.41	4,913.61	6,097.80			CASING JOINT(S)	
122	120		41.41	4,955.02	6,056.39			CASING JOINT(S)	Turbolizer 42
123	121		41.39	4,996.41	6,014.98			CASING JOINT(S)	
124	122		40.75	5,037.16	5,973.59			CASING JOINT(S)	
125	123		41.39	5,078.55	5,932.84			CASING JOINT(S)	Turbolizer 43
126	124		41.39	5,119.94	5,891.45			CASING JOINT(S)	
127	125		41.37	5,161.31	5,850.06			CASING JOINT(S)	
128	126		40.80	5,202.11	5,808.69			CASING JOINT(S)	Turbolizer 44
129	127		41.08	5,243.19	5,767.89			CASING JOINT(S)	
130	128		41.41	5,284.60	5,726.81			CASING JOINT(S)	
131	129		41.39	5,325.99	5,685.40			CASING JOINT(S)	Turbolizer 45
132	130		41.39	5,367.38	5,644.01			CASING JOINT(S)	
133	131		41.39	5,408.77	5,602.62			CASING JOINT(S)	
134	132		41.40	5,450.17	5,561.23			CASING JOINT(S)	Turbolizer 46
135	133		41.39	5,491.56	5,519.83			CASING JOINT(S)	
136	134		41.40	5,532.96	5,478.44			CASING JOINT(S)	
137	135		41.40	5,574.36	5,437.04			CASING JOINT(S)	Turbolizer 47
138	136		41.38	5,615.74	5,395.64			CASING JOINT(S)	
139	137		41.38	5,657.12	5,354.26			CASING JOINT(S)	
140	138		41.40	5,698.52	5,312.88			CASING JOINT(S)	Turbolizer 48
141	139		41.40	5,739.92	5,271.48			CASING JOINT(S)	
142	140		40.72	5,780.64	5,230.08			CASING JOINT(S)	
143	141		40.71	5,821.35	5,189.36			CASING JOINT(S)	Turbolizer 49
144	142		40.86	5,862.21	5,148.65			CASING JOINT(S)	
145	143		40.26	5,902.47	5,107.79			CASING JOINT(S)	
146	144		41.31	5,943.78	5,067.53			CASING JOINT(S)	Turbolizer 50
147	145		41.39	5,985.17	5,026.22			CASING JOINT(S)	
148	146		41.37	6,026.54	4,984.83			CASING JOINT(S)	
149	147		41.40	6,067.94	4,943.46			CASING JOINT(S)	Turbolizer 51
150	148		41.38	6,109.32	4,902.06			CASING JOINT(S)	
151	149		41.40	6,150.72	4,860.68			CASING JOINT(S)	
152	150		41.40	6,192.12	4,819.28			CASING JOINT(S)	Turbolizer 52
153	151		41.40	6,233.52	4,777.88			CASING JOINT(S)	
154	152		41.38	6,274.90	4,736.48			CASING JOINT(S)	
155	153		41.31	6,316.21	4,695.10			CASING JOINT(S)	Turbolizer 53
156	154		41.40	6,357.61	4,653.79			CASING JOINT(S)	
157	155		41.41	6,399.02	4,612.39			CASING JOINT(S)	
158	156		41.39	6,440.41	4,570.98			CASING JOINT(S)	Turbolizer 54
159	157		41.40	6,481.81	4,529.59			CASING JOINT(S)	
160	158		41.37	6,523.18	4,488.19			CASING JOINT(S)	
161	159		41.39	6,564.57	4,446.82			CASING JOINT(S)	Turbolizer 55
162	160		41.32	6,605.89	4,405.43			CASING JOINT(S)	
163	161		41.38	6,647.27	4,364.11			CASING JOINT(S)	
164	162		41.40	6,688.67	4,322.73			CASING JOINT(S)	Turbolizer 56
165	163		41.40	6,730.07	4,281.33			CASING JOINT(S)	
166	164		40.84	6,770.91	4,239.93			CASING JOINT(S)	
167	165		41.38	6,812.29	4,199.09			CASING JOINT(S)	Turbolizer 57
168	166		41.38	6,853.67	4,157.71			CASING JOINT(S)	
169	167		40.52	6,894.19	4,116.33			CASING JOINT(S)	

2.2 Run Tally (Continued)

Run No.	Tally no.	Unused Joints	Length (usft)	Cum. Length (usft)	Set Depth (usft)	CT	Pipe Displacement (bbl/ft)	Desc.	Comments
170	168		41.40	6,935.59	4,075.81			CASING JOINT(S)	Turbolizer 58
171	169		41.40	6,976.99	4,034.41			CASING JOINT(S)	
172	170		41.39	7,018.38	3,993.01			CASING JOINT(S)	
173	171		41.06	7,059.44	3,951.62			CASING JOINT(S)	Turbolizer 59
174	172		41.39	7,100.83	3,910.56			CASING JOINT(S)	
175	173		41.36	7,142.19	3,869.17			CASING JOINT(S)	
176	174		41.40	7,183.59	3,827.81			CASING JOINT(S)	Turbolizer 60
177	175		41.37	7,224.96	3,786.41			CASING JOINT(S)	
178	176		41.37	7,266.33	3,745.04			CASING JOINT(S)	
179	177		41.40	7,307.73	3,703.67			CASING JOINT(S)	Turbolizer 61
180	178		41.39	7,349.12	3,662.27			CASING JOINT(S)	
181	179		41.40	7,390.52	3,620.88			CASING JOINT(S)	
182	180		41.37	7,431.89	3,579.48			CASING JOINT(S)	Turbolizer 62
183	181		41.39	7,473.28	3,538.11			CASING JOINT(S)	
184	182		41.40	7,514.68	3,496.72			CASING JOINT(S)	
185	183		41.40	7,556.08	3,455.32			CASING JOINT(S)	Turbolizer 63
186	184		41.39	7,597.47	3,413.92			CASING JOINT(S)	
187	185		41.40	7,638.87	3,372.53			CASING JOINT(S)	
188	186		40.80	7,679.67	3,331.13			CASING JOINT(S)	Turbolizer 64
189	187		41.40	7,721.07	3,290.33			CASING JOINT(S)	
190	188		41.37	7,762.44	3,248.93			CASING JOINT(S)	
191	189		41.10	7,803.54	3,207.56			CASING JOINT(S)	Turbolizer 65
192	190		41.37	7,844.91	3,166.46			CASING JOINT(S)	
193	191		41.01	7,885.92	3,125.09			CASING JOINT(S)	
194	192		40.44	7,926.36	3,084.08			CASING JOINT(S)	Turbolizer 66
195	193		41.36	7,967.72	3,043.64			CASING JOINT(S)	
196	194		41.38	8,009.10	3,002.28			CASING JOINT(S)	
197	195		41.40	8,050.50	2,960.90			CASING JOINT(S)	Turbolizer 67
198	196		41.40	8,091.90	2,919.50			CASING JOINT(S)	
199	197		41.39	8,133.29	2,878.10			CASING JOINT(S)	
200	198		41.36	8,174.65	2,836.71			CASING JOINT(S)	Turbolizer 68
201	199		41.37	8,216.02	2,795.35			CASING JOINT(S)	
202	200		41.36	8,257.38	2,753.98			CASING JOINT(S)	
203	201		41.37	8,298.75	2,712.62			CASING JOINT(S)	Turbolizer 69
204	202		41.37	8,340.12	2,671.25			CASING JOINT(S)	
205	203		41.38	8,381.50	2,629.88			CASING JOINT(S)	
206	204		41.36	8,422.86	2,588.50			CASING JOINT(S)	Turbolizer 70
207	205		41.37	8,464.23	2,547.14			CASING JOINT(S)	
208	206		41.41	8,505.64	2,505.77			CASING JOINT(S)	
209	207		41.41	8,547.05	2,464.36			CASING JOINT(S)	
210	208		41.38	8,588.43	2,422.95			CASING JOINT(S)	
211	209		41.38	8,629.81	2,381.57			CASING JOINT(S)	
212	210		41.40	8,671.21	2,340.19			CASING JOINT(S)	
213	211		41.38	8,712.59	2,298.79			CASING JOINT(S)	
214	212		41.38	8,753.97	2,257.41			CASING JOINT(S)	
215	213		41.37	8,795.34	2,216.03			CASING JOINT(S)	
216	214		41.37	8,836.71	2,174.66			CASING JOINT(S)	
217	215		41.37	8,878.08	2,133.29			CASING JOINT(S)	
218	216		41.37	8,919.45	2,091.92			CASING JOINT(S)	
219	217		41.40	8,960.85	2,050.55			CASING JOINT(S)	
220	218		41.37	9,002.22	2,009.15			CASING JOINT(S)	

2.2 Run Tally (Continued)

Run No.	Tally no.	Unused Joints	Length (usft)	Cum. Length (usft)	Set Depth (usft)	CT	Pipe Displacement (bbl/ft)	Desc.	Comments
221	219		41.40	9,043.62	1,967.78			CASING JOINT(S)	
222	220		41.39	9,085.01	1,926.38			CASING JOINT(S)	
223	221		41.40	9,126.41	1,884.99			CASING JOINT(S)	
224	222		41.40	9,167.81	1,843.59			CASING JOINT(S)	
225	223		41.40	9,209.21	1,802.19			CASING JOINT(S)	
226	224		41.40	9,250.61	1,760.79			CASING JOINT(S)	
227	225		41.37	9,291.98	1,719.39			CASING JOINT(S)	
228	226		41.38	9,333.36	1,678.02			CASING JOINT(S)	
229	227		41.38	9,374.74	1,636.64			CASING JOINT(S)	
230	228		41.40	9,416.14	1,595.26			CASING JOINT(S)	
231	229		41.38	9,457.52	1,553.86			CASING JOINT(S)	
232	230		41.39	9,498.91	1,512.48			CASING JOINT(S)	
233	231		41.37	9,540.28	1,471.09			CASING JOINT(S)	
234	232		41.37	9,581.65	1,429.72			CASING JOINT(S)	
235	233		41.39	9,623.04	1,388.35			CASING JOINT(S)	
236	234		41.36	9,664.40	1,346.96			CASING JOINT(S)	
237	235		41.41	9,705.81	1,305.60			CASING JOINT(S)	
238	236		40.81	9,746.62	1,264.19			CASING JOINT(S)	
239	237		41.40	9,788.02	1,223.38			CASING JOINT(S)	
240	238		41.39	9,829.41	1,181.98			CASING JOINT(S)	
241	239		41.40	9,870.81	1,140.59			CASING JOINT(S)	
242	240		41.39	9,912.20	1,099.19			CASING JOINT(S)	
243	241		41.40	9,953.60	1,057.80			CASING JOINT(S)	
244	242		41.40	9,995.00	1,016.40			CASING JOINT(S)	
245	243		41.39	10,036.39	975.00			CASING JOINT(S)	
246	244		41.28	10,077.67	933.61			CASING JOINT(S)	
247	245		41.39	10,119.06	892.33			CASING JOINT(S)	
248	246		41.39	10,160.45	850.94			CASING JOINT(S)	
249	247		40.70	10,201.15	809.55			CASING JOINT(S)	
250	248		40.54	10,241.69	768.85			CASING JOINT(S)	
251	249		40.75	10,282.44	728.31			CASING JOINT(S)	
252	250		41.38	10,323.82	687.56			CASING JOINT(S)	
253	251		41.39	10,365.21	646.18			CASING JOINT(S)	
254	252		41.39	10,406.60	604.79			CASING JOINT(S)	
255	253		41.38	10,447.98	563.40			CASING JOINT(S)	
256	254		41.38	10,489.36	522.02			CASING JOINT(S)	
257	255		41.39	10,530.75	480.64			CASING JOINT(S)	
258	256		41.39	10,572.14	439.25			CASING JOINT(S)	
259	257		41.39	10,613.53	397.86			CASING JOINT(S)	
260	258		41.40	10,654.93	356.47			CASING JOINT(S)	
261	259		41.40	10,696.33	315.07			CASING JOINT(S)	
262	260		41.40	10,737.73	273.67			CASING JOINT(S)	
263	261		41.39	10,779.12	232.27			CASING JOINT(S)	
264	262		41.41	10,820.53	190.88			CASING JOINT(S)	
265	263		41.38	10,861.91	149.47			CASING JOINT(S)	
266	264		41.40	10,903.31	108.09			CASING JOINT(S)	
267	265		41.40	10,944.71	66.69			CASING JOINT(S)	
268			27.35	10,972.06	25.29			CASING LANDING JOINT	
		266	41.37		-2.06			CASING JOINT(S)	
		267	41.37		-2.06			CASING JOINT(S)	
		268	41.37		-2.06			CASING JOINT(S)	

2.2 Run Tally (Continued)

Run No.	Tally no.	Unused Joints	Length (usft)	Cum. Length (usft)	Set Depth (usft)	CT	Pipe Displacement (bbl/ft)	Desc.	Comments
		269	41.37		-2.06			CASING JOINT(S)	
		270	41.36		-2.06			CASING JOINT(S)	
		271	41.41		-2.06			CASING JOINT(S)	
		272	20.70		-2.06			CASING JOINT(S)	

PAR FIVE

ENERGY SERVICES LLC

DESIGN - EXECUTE - EVALUATE - REPORT

LINER

WPX ENERGY

North Brushy Draw 35 #5H

Eddy County, New Mexico

PRIMARY PUMP: Unit #2032 Josh Casillas

SECONDARY PUMP:

PREPARED BY: Ruben Sanchez Jr

SERVICE SUPERVISOR

ARTESIA DISTRICT

1-575-748-8610

3/12/2017

WELL SUMMARY

PAR FIVE

ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY		DATE: 3/12/2017		
LEASE NAME:	NORH BRUSHY DRAW 35		OPERATOR NAME:	WPX ENERGY	
WELL NUMBER:	#5H		TICKET NUMBER:	6143	
API NUMBER:	30-015-42291		AFE NUMBER:		
SECTION: 35		TOWNSHIP:	25S	RANGE:	29E
COUNTY: EDDY		STATE:	NM		
RIG NAME: ORION 10		COMPANY REP:	MS KENZIE BEAVERS	PHONE#:	720-202-1068

DIRECTIONS

From the intersection of 285 and Longhorn County Road 725 go on 725 for 4.3 miles to a lease road. Go 3.7 miles Northeast turn and go South 0.2 mile. Go East 0.5 mile . Go South 1.0 mile to a lease road and go West 0.2 mile then go North 0.1 mile. Turn and go Southwest 0.3 mile to location.

NOTES

UPDATED BY MIKE ELLIOTT 2-21-17

HSE

ALL EMPLOYEES WEAR PPE

JOB PROCEDURE

PUMP 20 BBLS MUDWASH
PUMP 20 BBLS GEL SPACER

PUMP 335 SKS SLURRY @ 13.0 PPG
SHUT DOWN DROP PLUG
DISPLACE WELL

WELL SUMMARY

PAR FIVE

ENERGY SERVICES LLC

WELL /CASING DATA			
JOB TYPE: LINER		HOLE SIZE:	6 1/8
TVD:	10,593	PREVIOUS CASING SIZE:	7"
PREVIOUS CASING LB/FT:	29	PREVIOUS CASING DEPTH:	10,971
CASING SIZE:	4.5		
CASING LB/FT:	13.5	CASING GRADE:	P-110HC
FLOAT COLLAR DEPTH:	5,289.51	SHOE JOINT LENGTH:	92.49
DV TOOL DEPTH:	n/a	SECOND DV TOOL DEPTH:	n/a
TOTAL DEPTH:	15,411	TOTAL CASING :	5,382
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:	4 1/2	QUICK CONNECT SIZE:	4 1/2
DRILL PIN SIZE/TYPE:		THREAD:	CDC-HTQ
TUBING SWEDGE SIZE:		TAKE 2 -2 INCH REGULAR TUBING SWEDGES	
CHEMICALS NEEDED			
200#SAPP + 5 GALLONS PLEXAID PF803, 110# PF424, 200# SUGAR			
EQUIPMENT			
SUPERVISOR:	Ruben Sanchez	FIELD REPRESENTATIVE:	
PUMP OPERATOR:	Josh Castillas	UNIT NUMBER:	1034/2036
E/O:	Juan Quintero	UNIT NUMBER:	2032
E/O:	Jose Nevarez	UNIT NUMBER:	1014/2028
E/O:		UNIT NUMBER:	
E/O:		UNIT NUMBER:	

FLUID DATA

1ST SLURRY:	AcidSolid PVL + 1.3% (BWOW) PF44 Salt + 30% PF151 Calcium Carbonate + 5% PF174 Expanding Cement + .7% PF606 Fluidloss + .3% PF813 Retarder + .1% PF153 Antisettling + .4 pps PF45 Defoamer								
DENSITY:	13	YIELD:	1.89	MIX H2O:	9.631	SACKS:	335		
2ND SLURRY:									
DENSITY:		YIELD:		MIX H2O:		SACKS:			
3RD SLURRY:									
DENSITY:		YIELD:		MIX H2O:		SACKS:			
4TH SLURRY:									
DENSITY:		YIELD:		MIX H2O:		SACKS:			
5TH SLURRY									
DENSITY:		YIELD:		MIX H2O:		SACKS:			
DISPLACEMENT TYPE :	H20-KCL-OBM	DISPLACEMENT VOLUME:				177.5	MUD WEIGHT:	14	

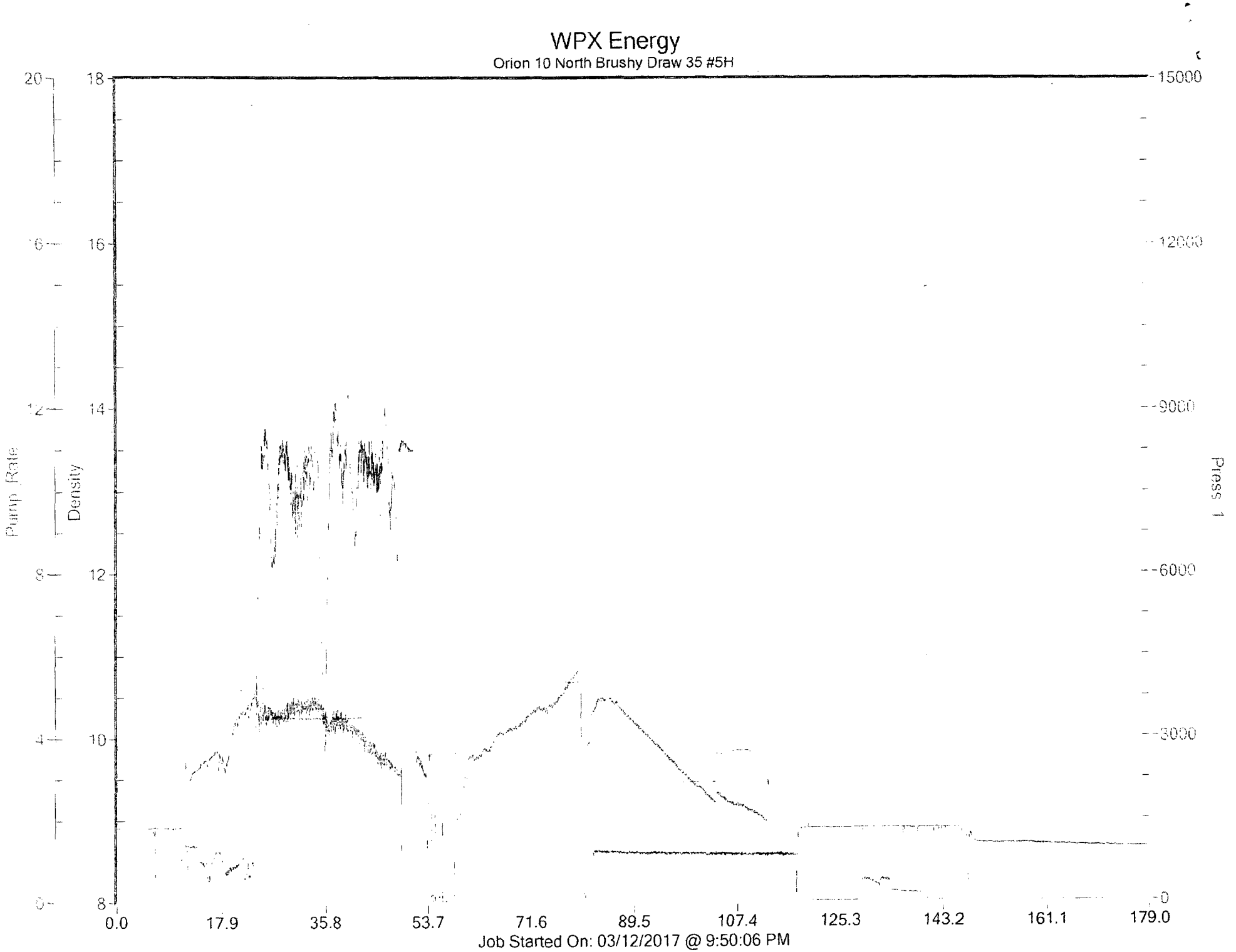
JOB LOG

PAR FIVE

ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY	DATE:	3/12/2017
LEASE NAME:	NORH BRUSHY DRAW 35	TICKET NUMBER:	6143
WELL NUMBER:	#5H	JOB TYPE:	LINER
SCHEDULED LOCATION TIME	3/12/2017 20:00 PM		
TIME ARRIVED ON LOCATION	3/12/2017 20:00 PM	TIME LEFT LOCATION	3/13/2017 4:45

TIME	PRESSURE		VOLUME	RATE	LOG DETAILS
	TBG OR D.P	CASING			
19:03					PRE-CONVOY MEETING
19:05					DEPARTURE FROM YARD
20:00					ARRIVE LOCATION
20:05					HAZZARD ASSESMENT
20:20					PRE-RIG UP MEETING
20:25					Rig Up
21:30					Finished Rigging Up
21:38					Pre Job Safety Meeting
22:04		240	2	4	2 Bbls to fill Lines
22:07		8800	0.5	0.5	Test Lines
22:10		2420	20	5	Mud Clean Spacer
22:14		2420	20	5	Gel Spacer
22:21		2420	10	5	Dye Spacer
22:23		2400	112	5	Slurry
22:53		0	0	0	Shut Down Wash Up
22:55		0	0		Baker Hand Dropped Dart
22:58		2000	167	5	Displacement
23:51		1610	9.5	3	Slow Rate
23:55		2600	0.5	3	bumped Plug
		0	0	0	Checked Floats
0:00		0	0	0	floats held
					Rig set The Packer
					Rig Circulated off the Liner
					Circulated 35 Bbls/ 103 Sacks
1:20					Rig Tested the Liner
1:40					Rig down safety Meeting
1:45					Rig Down
4:00					Finished Rigging Down
4:30					Pre Convoy safety Meeting
4:45					Leaving Location
					Thank You Ruben Sanchez Jr and Crew for using PAR-FIVE ENERGY


WPX Energy
Orion 10 North Brushy Draw 35 #5H
Pump Rate
Density
Press
20
16
12
8
4
0
18
16
14
12
10
8
15000
12000
9000
6000
3000
0
0.0
17.9
35.8
53.7
71.6
89.5
107.4
125.3
143.2
161.1
179.0
Job Started On: 03/12/2017 @ 9:50:06 PM

PAR FIVE ENERGY SERVICES LLC

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

ART17-6864-01P

Customer:	**WPX Energy**	MD:	**15443**	Report Date:	**March 10 2017**
Well Name:	**North Brushy Draw 35 # 5H**	TVD:	**10603**	Stage:	**Lead**
County:	**Eddy** State: **NM**	BHST:	**165**	String:	**Liner**
Rig:	**Orion Phoenix 10**	BHCT:	**129**	Blend Type:	**Pilot Blend**
Salesman:	**Chris DeLeon**			Reported By:	**Rodriguez, Sonny**

Slurry Information

Density: 13.00 ppg Yield: 1.89 cuft/sk Mix Fluid: 9.626 gal/sk

Slurry Composition

Cement Blend: PVL

Additive	Conc		Design	Description	Lot Number
PF-044	1.300	%	BWOW	Salt	G3CB09
PF-174	5.00%	%	BWOB	Expanding Agent	MC10CR041913
PF-606	0.70%	%	BWOB	Fluid Loss	GS20121C01-26
PF-813	0.30%	%	BWOB	High Temp Retarder	2853SM
PF-153	0.10%		BWOB	Anti Settling Agent	
PF-045	0.400	lb/sk	BWOB	Defoamer	201304AC
PF-151	30.00%	%	BWOB	Calcium Carbonate	MFT-M20002041

Rheology (Average Readings)

Temp	3	6	100	200	300	PV	YP
80 °F	2.5	3	28	52.5	76	72	4
165 °F	1	1.5	19	33.5	47	42	5

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
165 °F	4:10	4:11	4:16	4:26		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
165 °F	45	0 ml/250	3:28	5:28

Fluid Loss

Temp	PSI	ml Collected	Minutes	API (Calc)
165 °F	1000	48 ml	At 30	96

Comments