

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. 30-015-44535
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
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 17 STATE
4. Well Location Unit Letter <u>A</u> : <u>1194</u> feet from the <u>NORTH</u> line and <u>501</u> feet from the <u>EAST</u> line Section <u>17</u> Township <u>23S</u> Range <u>27E</u> NMPM County <u>EDDY</u>		8. Well Number <u>2H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3155		9. OGRID Number <u>246286</u>
		10. Pool name or Wildcat 24660 FOREHAND RANCH;BONE SPRING

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ P AND A ☐
CASING/CEMENT JOB ☐
COMMENCE COMPLETION OPS ☐
OTHER: ☐

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 RKI EXPLORATION AND PRODUCTION, LLC CONCLUDED DRILLING & CEMENTING 1ST INTERVAL CASING FOR THIS WELL. A SUMMARY OF THE DRILLING OPERATION IS AS FOLLOWS:

2/23/2018 PT 13.375" casing to 1500 psl for 30 min. Test Good.

2/25/2018: 1st Intermediate
9.625" 40# J-55 LTC: 0' - 2,036'
CMT: Lead 389 sks @ 12 ppg, Tail: 133 sks @ 14.8 ppg.
Bump plug @ 1000 psl, floats held, circ 46 bbls cement to surface.

2/26/2018. PT 9.625" Casing to 1500 Psi. for 30 min. Test Good.

The binded Post Job Report is attached.

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 09 2018

RECEIVED

Spud Date: 1/7/2018

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

3/2/2018

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 member

DATE

3-9-18

Conditions of Approval (if any):



District Hobbs
Supervisor Ray Romero
Engineer

Customer Name WPX Energy
Well Name C-State 17-2H
Job Type Intermediate

Hours waiting on Rig										0
Seq No.	Start Date/Time	Category	Event	Equipment	Event ID	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psf)	Comments
1	2/25/2018 6:00	Mobilization	Callout							Called for WPX Job
2	2/25/2018 7:00	Mobilization	Callout							Leave yard
3	2/25/2018 9:00	Mobilization	Arrive on Location							arrive on location rig not started running casing
4	2/25/2018 9:05	Operational	Other (See comments)							Check H2O, Chlorides @ 500 sulfates @ 100 and PH @ 7
5	2/25/2018 9:15	Operational	Spot Units							spotted pump trucks
6	2/25/2018 9:25	Operational	Safety Meeting							steaks / rig up meeting
7	2/25/2018 9:30	Operational	Other (See comments)							Rig up, rig still running casing
8	2/25/2018 10:15	Operational	Rig Up							rig up complete except for stand pipe
9	2/25/2018 11:52	Operational	Rig Up							rig still running casing
10	2/25/2018 13:40	Operational	Safety Meeting							safety meeting with rig
11	2/25/2018 13:59	Operational	Other (See comments)			8.34	1	1	3050	Rig up head
12	2/25/2018 14:37	Operational	Pressure test			8.34	4	20	160	Pressure test good
13	2/25/2018 14:40	Operational	Pump Spacer							pump spacer, good circulation
14	2/25/2018 14:45	Operational	Pump Lead Cement			12	4.6	20	180	pump lead cement, weighed 11.9. Had some issue
15	2/25/2018 15:17	Operational	Pump Lead Cement			12	5.5	162	224	pump at higher rat problem with bulk truck
16	2/25/2018 15:18	Operational	Pump Lead Cement			14.8	4	10	160	lead cement, good circulation
17	2/25/2018 15:25	Operational	Pump Tail Cement			14.8	6	31	328	tail cement, good circulation
18	2/25/2018 15:28	Operational	Other (See comments)							good circulation
19	2/25/2018 15:32	Operational	Pump Displacement			8.34	7	10	420	shut down wash up
20	2/25/2018 15:38	Operational	Pump Displacement			8.34	7	62	290	pump displacement, good circulation
21	2/25/2018 15:44	Operational	Pump Displacement							good circulation
22	2/25/2018 15:47	Operational	Pump Displacement			8.34	7	104	334	good circulation, cement to surface @ 104 brls
23	2/25/2018 15:54	Operational	Pump Displacement			8.34	7	120	580	displacement 46 brls to surface (110ds)
24	2/25/2018 15:56	Operational	Land Plug			8.34	3	140	450	good circulation
25	2/25/2018 15:58	Operational	Other (See comments)			8.34	3	150	530	good circulation
26	2/25/2018 16:02	Operational	Check Floats			8.34	2	0.25	1004	bumped plug
27	2/25/2018 16:15	Operational	Safety Meeting							pressured to 500 over on plug
28	2/25/2018 16:25	Operational	Rig Down							floats held 5 brl returned
29	2/25/2018 17:15	Operational	Rig Down							safety meeting / AAR
30	2/25/2018 17:35	Mobilization	Leave Location							rig down complete

9600 - 1630 = 7700
10:00 - 1600 = 10

Cementing Treatment



Start Date	2/25/2018	Well	C State 17-2H
End Date	2/25/2018	County	EDDY
Client	WPX ENERGY INC	State/Province	NM
Client Field Rep		API	30-015-44535
Service Supervisor		Formation	
Field Ticket No.		Rig	H&P 373
District	Hobbs, NM	Type of Job	Intermediate

WELL GEOMETRY

Type	ID (ft)	OD (in)	WT (lb/ft)	MD (ft)	TVD (ft)	Excess (ft)	Grade	Triangl
Open Hole	12.25			2,051.00	2,051.00			
Previous Casing	12.52	13.38	54.50	445.00	445.00		J-55	BTC
Open Hole	12.25			1,500.00	1,500.00	119.00		
Casing	8.84	9.63	40.00	2,036.00	1,947.00		J-55	BTC

Shoe Length (ft): 89

HARDWARE

Bottom Plug Used?	No	Tool Type	
Bottom Plug Provided By		Tool Depth (ft)	
Bottom Plug Size		Max Tubing Pressure - Rated (psi)	
Top Plug Used?	No	Max Tubing Pressure - Operated (psi)	
Top Plug Provided By		Max Casing Pressure - Rated (psi)	3,950.00
Top Plug Size		Max Casing Pressure - Operated (psi)	3,160.00
Centralizers Used	No	Pipe Movement	None
Centralizers Quantity		Job Pumped Through	Manifold
Centralizers Type		Top Connection Thread	8rhd
Landing Collar Depth (ft)	1,947	Top Connection Size	9.625

CIRCULATION PRIOR TO JOB

Cementing Treatment



Well Circulated By	Rig	Solids Present at End of Circulation	No
Circulation Prior to Job	No	10 sec SGS	
Circulation Time (min)		10 min SGS	
Circulation Rate (bpm)		30 min SGS	
Circulation Volume (bbls)		Flare Prior to/during the Cement Job	No
Lost Circulation Prior to Cement Job	No	Gas Present	No
Mud Density In (lb/gal)		Gas Units	
Mud Density Out (lb/gal)			
PV Mud In			
PV Mud Out			
YP Mud In			
YP Mud Out			

TEMPERATURE

Ambient Temperature (°F)	Slurry Cement Temperature (°F)
Mix Water Temperature (°F)	Flow Line Temperature (°F)

BJ FLUID DETAILS

Fluid Type	Fluid Name	Density (lb/gal)	Visc (cP)	420 Rec. (gals/24h)	Planned Top of Fluid (ft)	Length (ft)	Vol (sh)	Vol (cu ft)	Vol (bbls)
Spacer / Pre Flush / Flush	Fresh Water	8.3400			0.00				30.0000
Lead Slurry	50-50:10 Lead Class C	12.0000	2.2725	12.70	0.00	1,500.00	389	884.0000	157.4000
Tail Slurry	Tail Slurry Class C	14.8000	1.3257	6.32	1,500.00	500.00	133	176.0000	31.3000
Displacement Final	water	8.3400			0.00			0.0000	148.2000

Fluid Type	Fluid Name	Component	Concentration (wtm)
Lead Slurry	50-50:10 Lead Class C	CEMENT, PREMIUM C	50.0000 PCT

Cementing Treatment



Lead Slurry	50:50:10 Lead Class C	SALT, SODIUM CHLORIDE, A-5	5.0000 BWOB
Lead Slurry	50:50:10 Lead Class C	IntegraSeal Cello	0.2500 LBS/SK
Lead Slurry	50:50:10 Lead Class C	CEMENT EXTENDER, SODIUM METASILICATE, A-2	0.2000 BWOB
Lead Slurry	50:50:10 Lead Class C	CEMENT, FLY ASH (POZZOLAN)	50.0000 PCT
Lead Slurry	50:50:10 Lead Class C	EXTENDER, BENTONITE	10.0000 BWOB
Tail Slurry	Tail Slurry Class C	CEMENT, PREMIUM C	100.0000 PCT

TREATMENT SUMMARY

Time	Fluid	Rate (bpm)	Fluid Vol. (bbls)	Pipe Pressure (psi)	Anulus Pressure (psi)	Comments
2/25/2018 2:40 PM	Fresh Water	5.00	20.00			
2/25/2018 3:17 PM	50:50:10 Lead Class C	5.00	162.00			
2/25/2018 3:25 PM	Tail Slurry Class C	5.00	31.30			
2/25/2018 3:32 PM	water	5.00	150.00			

	Min	Max	Avg
Pressure (psi)	120.00	1,020.00	400.00
Rate (bpm)	3.00	7.00	5.00

DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BI	Amount of Cement Returned/Recovered	46.00
Calculated Displacement Volume (bbls)		Method Used to Verify Returns	Visual
Actual Displacement Volume (bbls)	150.00	Amount of Spacer to Surface	20.00
Did Float Hole?	Yes	Pressure Left on Casing (psi)	0.00
Bump Plug	Yes	Amount Bled Back After Job	0.50
Bump Plug Pressure (psi)	1,050.00	Total Volume Pumped (bbls)	411.00
Were Returns Planned at Surface	Yes	Top Out Cement Spotted	No

Cementing Treatment

BJ

Cement returns During Job

Full

Lost Circulation During Cement Job

No

CEMENT PLUG

Bottom of Cement Plug?

No

Wiper Balls Used?

No

Wiper Ball Quantity

Plug Catcher

Number of Plugs

No

SQUEEZE

Injection Rate (bpm)

Fluid Density (ppg)

Injection Pressure (psi)

ISIP (psi)

Type of Squeeze

FSIP (psi)

Operators Max SQ Pressure (psi)

COMMENTS

Treatment Report

Job Summary

Call Sheet



Service Line:	Cementing	Yard Call:	0600 2/25/2018
Job Code:	Intermediate	BOL Date:	1000NMT 2/25/2018
# of Zone of Total Zone:	1 of 1	District:	Hobbs, NM
Client Name:	WPX ENERGY INC	Month Year:	2/25/2018

Well Information	
API #:	30-015-44535
Well Name:	C State 17-2H
Formation:	
Rig Name:	H&P 373
Rig Phone:	
Drilling Contractor:	
Country / Parish:	EDDY
State:	NM
Latitude:	32.30886
Longitude:	-104.20504
Township:	
Section:	
Range:	

Client Information	
Client:	20058445
AFE/PO #:	
Client Rep On Loc:	
Phone #:	
Order Placed By:	
Phone #:	
Proposed Job Amount:	\$16,397.11

Job Information	
Job #:	3445
Proposal #:	QUO-06930-R9S3H7
Order Taken By:	ROBERTA GRAHAM
Order Date:	2/16/2018
Salesman:	Steve Matlock
Tech Writer:	Juan Lacorte
Job Status:	Not Started

Call Sheet

BJ

Job Parameters	
Hole Size:	12.25
Cement Depth:	1,500.00
Total Estd. Disp. Vol:	148.20
Water Resource:	
Hole Depth:	1,500.00
Mud Density:	10.20
Mud Type:	Brine Based
Est. BHCT:	88.74

Top Connection		
Size	Type	Thread

Tubular Data			
Type	OD (in)	ID (in)	MD (ft)
Open Hole		12.250	2,000.000
Previous Casing	13.380	12.615	445.000
Open Hole		12.250	1,500.000
Casing	9.630	8.835	2,000.000

Hardware	
Qty	Description
1	PLUG, CEMENT 9.6 TOP BJPL

COMMENTS

JOB INSTRUCTIONS

BE ON LOCATION@1000NMT 2/25/18. NO SUGAR IS NEEDED PER CO REP, HE HAS SOME ALREADY OUT THERE. THEY WILL BE DISPLACING WITH FRESHWATER.

DIRECTIONS TO WELL

Call Sheet



FROM MALAGA, NM, TURN RIGHT ON BLACK RIVER VILLAGE ROAD, GO TO OLD CAVERN ROAD,
TURN RIGHT AND GO 5.3 MILES, TURN RIGHT TO LOCATION.

MATERIALS

Material	Description	QTY	Unit
L86720	PLUG, CEMENT 9.6 TOP BJPL	1.0000	EA
L100275	CEMENT EXTENDER, SODIUM METASILICATE, A-2	66.0000	LB
L100295	IntegraSeal CELLO	98.0000	LB
L100317	CEMENT, FLY ASH (POZZOLAN)	195.0000	SK
L410520	CEMENT, PREMIUM C	328.0000	SK
L100404	SALT, SODIUM CHLORIDE, A-5	2,060.0000	LB
L100120	EXTENDER, BENTONITE	3,268.0000	LB

ASSIGNMENT DETAILS

Employee

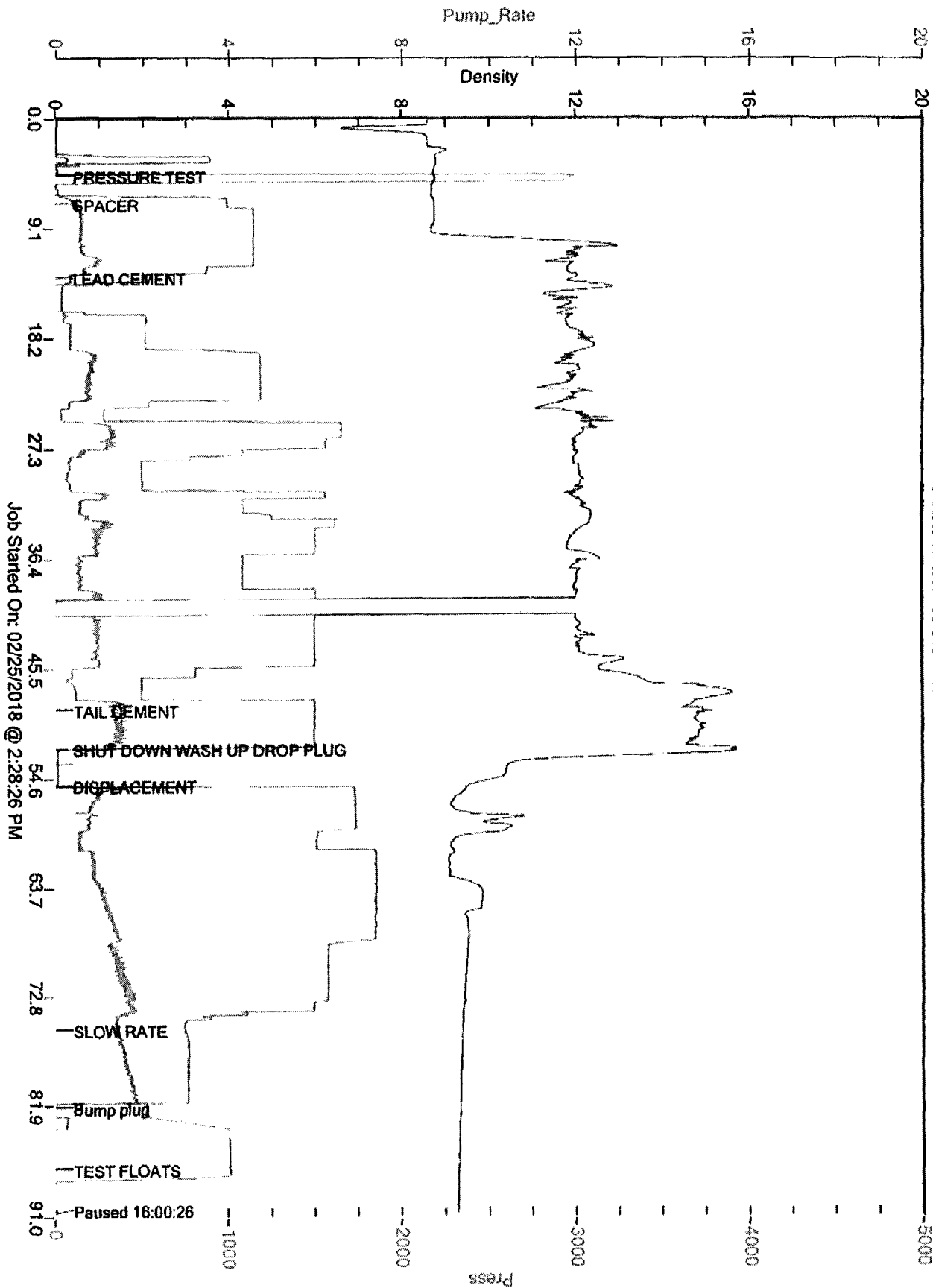
Day Night	Person	Job Function	Yard Date	Comments
Day	Ray Romero	SUPERVISOR	2/25/2018	
Day	John Vail	PUMP OPERATOR	2/25/2018	PUMP CPF219
Day	Luis Madrid	EQUIPMENT OPERATOR	2/25/2018	BULKTRUCK CTF196 - 133SX TAIL
Day	Kevin Alderete	EQUIPMENT OPERATOR	2/25/2018	BULKTRUCK CTF539 - 389SX LEAD

Equipment

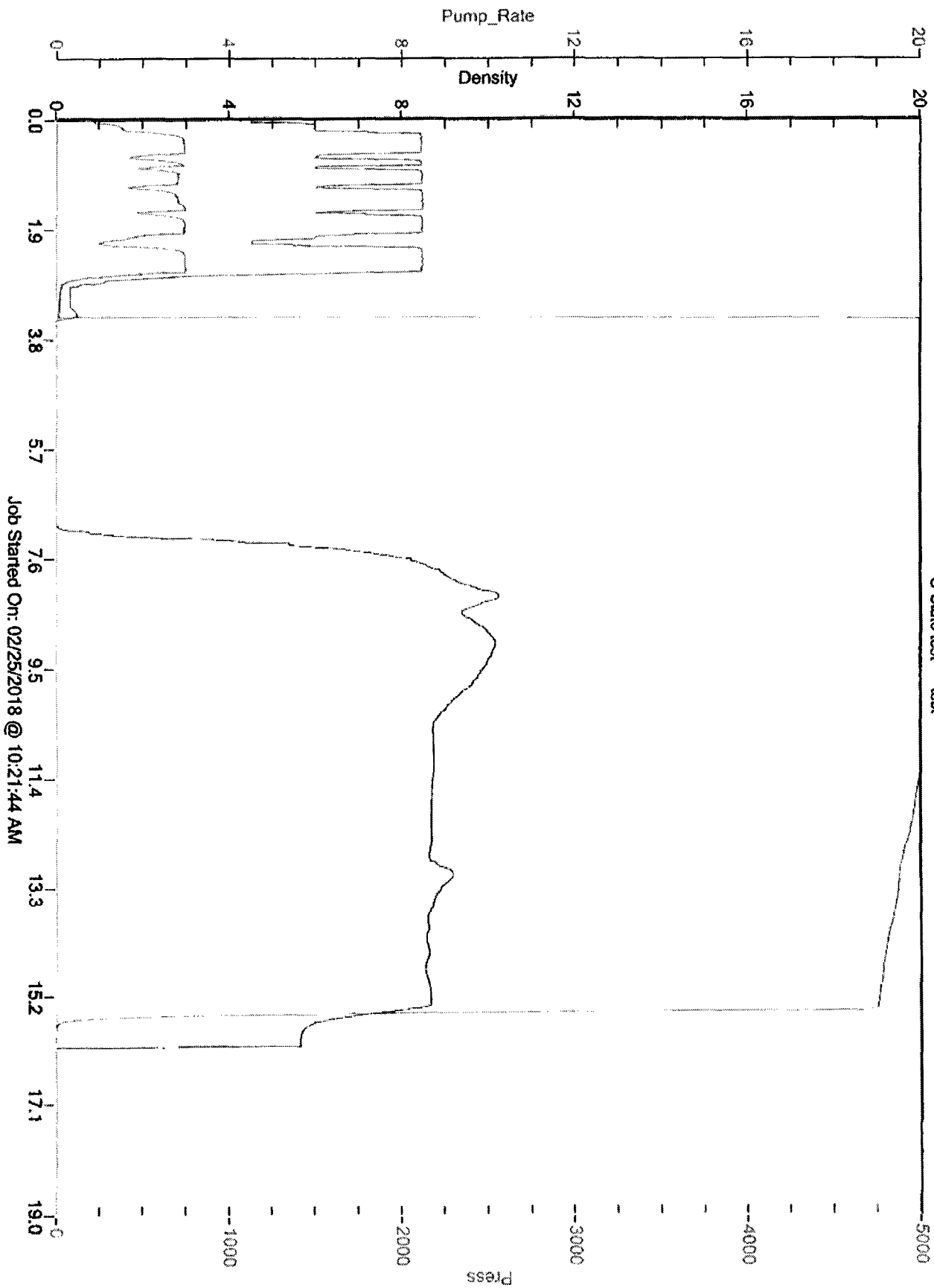
Day Night	Yard Date	Equipment	Equipment No	Comments
Day	2/25/2018			PUMP CPF219
Day	2/25/2018			BULKTRUCK CTF196 - 133SX TAIL
Day	2/25/2018			BULKTRUCK CTF539 - 389SX LEAD

C State 17-2 H - 30-015-44535 - Intermediate

WPX



WPX
C-State test - - test



Job Started On: 02/25/2018 @ 10:21:44 AM