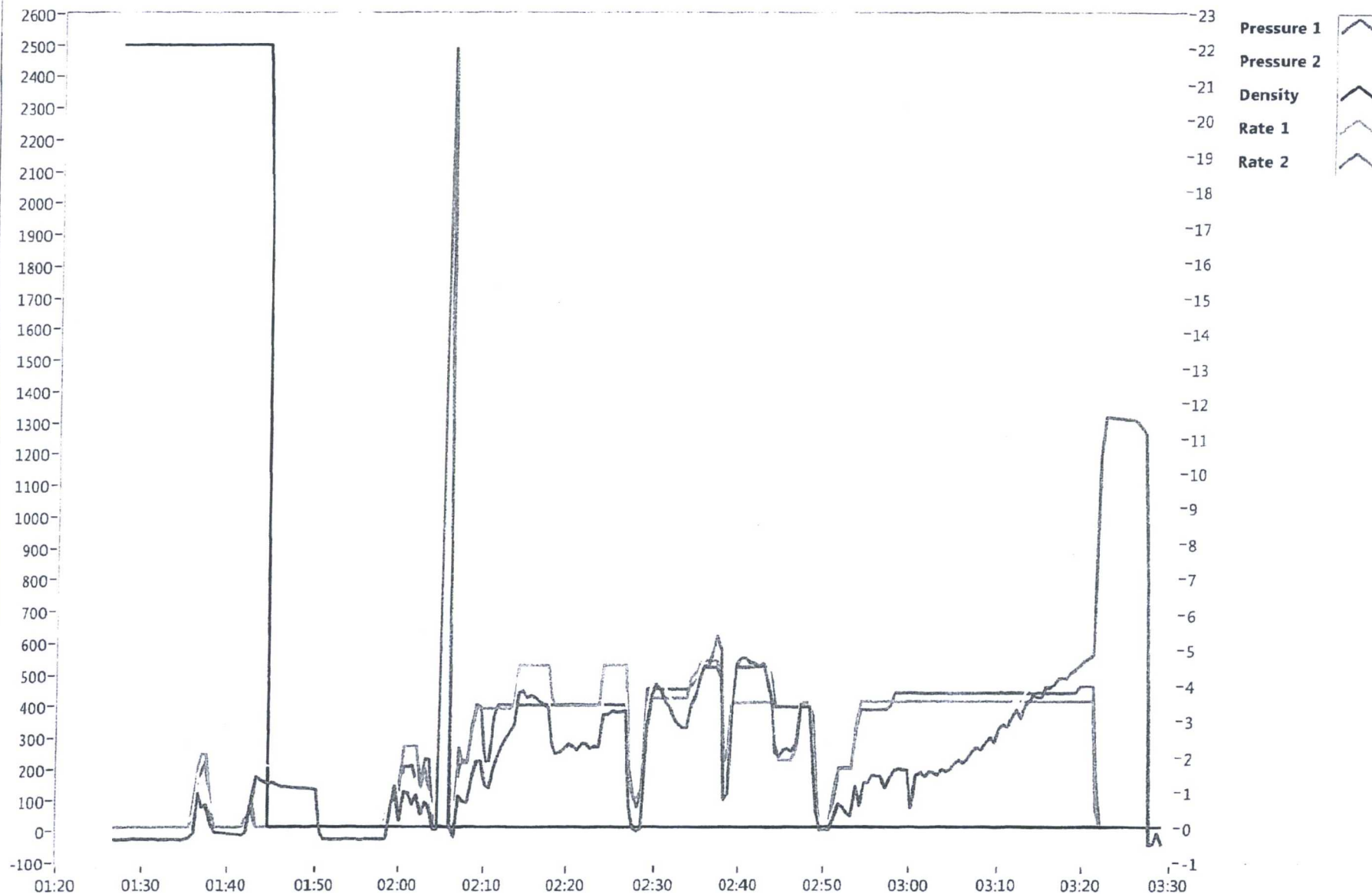




1115008189 - InPetro Operating - Prizenog BWZ State Com #1H - Surface Casing - 6-25-17



6/26/2017 3:30:07 AM

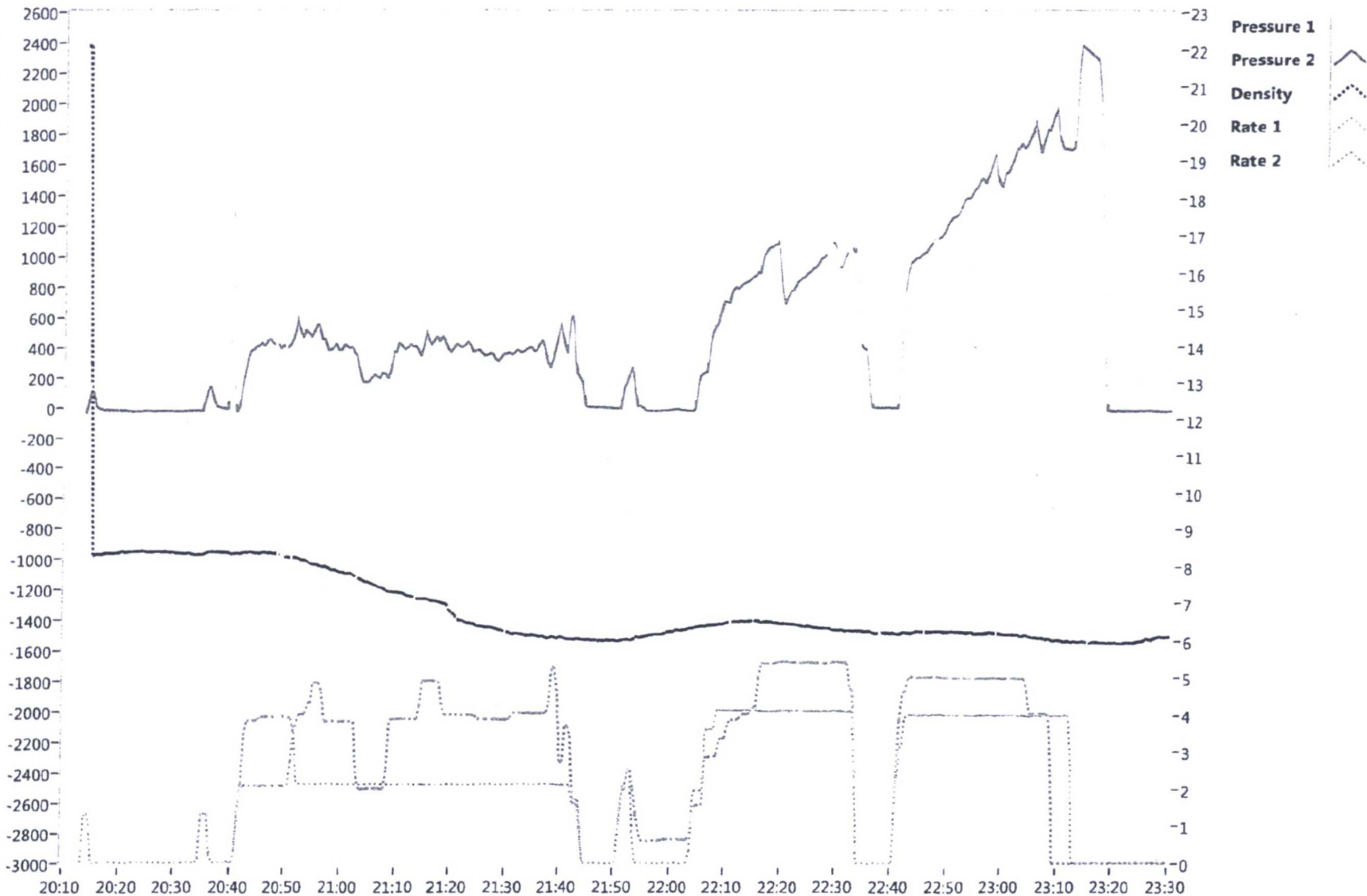




1115008195 -ImPetro Operating - Prizehog BWZ State Com #1H - 1st Intermediate Casing - 6-29-17



6/30/2017 11:33:26 PM





Cementing Job Report

Customer: ImPetro Operating, LLC		Lease: Prizehog BWZ State Com	Well #: 1H	Invoice #: 1115008223	Date: 7/25/2017
County: Lea		State: NM	Service Supervisor: Stephen Goff	Salesman: Mark Acklin	

WELL DATA			CAPACITIES		
☐ Surface	☐ Intermediate	☐ Long String	☐ Squeeze	☐ Plug/Whipstock	
Tong / DP Size:	Hole Size: 9 7/8 in.	DV Tool @:	Tubing or DP (bbl/ft):		
Tong / DP Wt.:	Open Hole TD: 12400	Packer @:	Casing (bbl/ft):		
Casing Size: 7 5/8 in.	Previous Casing Size: 10 3/4 in.	Retainer @:	Open Hole (bbl/ft):		
Casing Wt:	Previous Casing TD: 5090	Hole @:	Liner (bbl/ft):		
Liner Size:	Liner TD:	Perfs @:	Open Hole Ann.(bbl/ft):		
Liner Wt:	Top of Liner:		Cased Hole Ann.(bbl/ft):		

FLUID DATA	
Pre-Flush / Spacer: 20 Bbl.	Pre-Flush / Spacer Description: Fresh Water
Pre-Flush / Spacer: Bbl.	Pre-Flush / Spacer Description:
Pre-Flush / Spacer: Bbl.	Pre-Flush / Spacer Description:
Pre-Flush / Spacer: Bbl.	Pre-Flush / Spacer Description:
Acid: Bbl.	Acid Description:
Displacement Fluid: 583 Bbl.	Displacement Fluid Description: Mud

CEMENT DATA				
	SAC KS	CEMENT TYPE & ADDITIVES	WT. (lb/gal)	Yield (cu.ft./sk.)
Lead Slurry:	1470	Premium 50/50 w/ 10% Gel+ 5% Salt+ 3% Koseal + 1/4# Cellulose + 0.3% CAS-1 + 0.5% CR-1	11.80	2.49
Tail Slurry:	150	100 % Premium w/ 0.3% CD-1 + 0.4% CFL-2	15.60	1.18
				14.0
				5.18

Time of Event			Job Report / Comments	Treatment Data			
Time	AM	PM		Pressure (PSI)	Rate (BPM)	Vol. (BBL)	Wt. (#/gal.)
7:00		X	Arrive on location				
7:15		X	Pre-job JSA Meeting rig still has a rack of casing to run				
8:45		X	Rigged up what could be rigged up until casing crew is done				
1:15	X		JSA with rig crew				
1:30	X		Rigged up rig floor				
2:10	X		Prime and test treating lines to 5000psi (Good test)				
2:15	X		30bbl fresh water spacer				
2:21	X		Lead cement				
2:28	X		Lead cement @ 100bbls gone	250	7	100	11.8
2:53	X		Lead cement @ 200bbls gone	300	7	200	11.8
3:05	X		Lead cement @ 300bbls gone	300	7	300	11.8
3:15	X		Lead cement @ 400bbls gone	330	7	400	11.8
3:30	X		Lead cement @ 500bbls gone	330	7	500	11.8
3:47	X		Lead cement @ 600bbls gone	300	7	600	11.8
3:52	X		Tail cement	400	7	700	15.6
4:00	X		Shut down dropped plug				
4:05	X		Displacement				
4:15	X		Displacement @ 100bbls gone	330	8	100	8.3
4:30	X		Displacement @ 200bbls gone	200	8	200	8.3
4:45	X		Displacement @ 300bbls gone	500	8	300	8.3
5:50	X		Displacement @ 400bbls gone	900	8	400	8.3
5:03	X		Displacement @ 500bbls gone	1300	8	500	8.3
5:20	X		Bumped Plug pressure went from 1500psi to 2100psi				
			Plug landed 582bbls out of a calculated 582bbls				
5:25	X		check floats got back 2bbls (floats held)				
5:30	X		Rigging down UPP equipment				
6:30	X		Paperwork completed				

Minimum STP (psi):	Maximum Pressure:	Average Pressure:
Minimum Rate (bpm):	Maximum Rate:	Average Rate:
ISDP:	Operator's Max Pressure:	
Customer Rep:	UPP Rep:	Signature: Stephen Goff

Company: **ImPetro Operating, LLC**Date: **7/25/2017**Lease Name & Well #: **Prizehog BWZ State Com # 1H****Well Data**

Hole Size: **9 7/8** in. Casing Size: **7 5/8** in. Liner Size: **0** in.
Tubing / Drill Pipe Size & Thread: **0** Top of Liner: **0** ft.
Total Depth (TD - Open Hole): **12400** ft. Total Casing (TP): _____ ft. Shoe Joint Length: _____ ft.
Tubing / Drill Pipe Length: _____ ft. Liner Length: _____ ft.
Pkr set @: **0** Ret set @: **0** Hole @: **0** Perfs @: **0**
DV Tool @: **0** Additional Information: _____

Pre-flush & Spacer Information

Spacer / Pre-flush Vol.: **20** Type: **Fresh Water**
Spacer / Pre-flush Vol.: _____ Type: _____
Spacer / Pre-flush Vol.: _____ Type: _____
Spacer / Pre-flush Vol.: _____ Type: _____
Acid: _____ Type: _____
Displacement Fluid: **583** Type: **MUD**
Additional Spacer Data: _____

Cement Information

Lead Slurry: **1470** sk **Premium 50/50 w/ 10% Gel+ 5% Salt+ 3# Kolseal + 1/4# Celloflake + 0.3% CAS-1 + 0.5% CR-1**
Density: **11.80** #/gal. **2.49** cu.ft./sk Mixing Water: **13.96** gal./sk
Water required to mix: **488.6** BBL Slurry Volume: **651.9** BBL
Tail Slurry: **150** sk **100 % Premium w/ 0.3% CD-1 + 0.4% CFL-2**
Density: **15.60** #/gal. Yield: **1.18** cu.ft./sk Mixing Water: **5.18** gal./sk
Water required to mix: **18.5** BBL Slurry Volume: **31.5** BBL

Water required to mix: _____

Slurry Volume: _____

Water required to mix: _____

Slurry Volume: _____

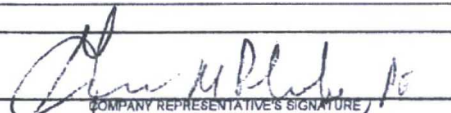
Total Mixing water required for job: **507.1** BBL. Total Slurry Volume: **683.4** BBL.**Displacement Fluid Information**

Fluid Type	Volume	Fluid Type	Volume	Fluid Type	Volume
Fresh Water	_____	Drilling Mud	_____	Brine	_____
Other	_____		_____		_____

TOTAL DISPLACEMENT VOLUME: _____ BBL.

Maximum Pressure: _____ psi Maximum Rate: _____ BPM Minimum Rate: _____ BPM

Additional Information: _____


SERVICE SUPERVISOR'S SIGNATURE
COMPANY REPRESENTATIVE'S SIGNATURE



Work Ticket

Customer ImPetro Operating, LLC	Customer No.	Job No. 1115008223
Address 300 E. Sonterra Blvd. Suite 1220	Credit No.	P.O. No.
City, State, Zip San Antonio, TX 78258	Job Type Cement 7 5/8" 2nd Intermediate Casing	
District MID (111500)	Well Type Oil/Water/Gas	Lat/Lon Coordinates
Well Name and No. Prizehog BWZ State Com # 1H	API # or RRC #	County
	Lea	State NM

Product Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount
870060	Premium Cement, Area 1	Sack	150	\$37.50	\$5,625.00	70.00%	\$1,687.50
870860	50/50 Poz with Premium, Area 1	Sack	1470	\$29.00	\$42,630.00	70.00%	\$12,789.00
873100	Bentonite	Lb	12348	\$0.65	\$8,026.20	70.00%	\$2,407.86
873020	Salt, 100 mesh sacked	Lb	8558	\$0.91	\$7,787.78	70.00%	\$2,336.33
873310	CFL-2, Moderate Temp Fluid Loss	Lb	57	\$25.75	\$1,467.75	70.00%	\$440.33
873610	CR-1, Cement Retarder for Moderate Temp 125 to 220 F	Lb	618	\$8.75	\$5,407.50	70.00%	\$1,622.25
873520	Celloflake	Lb	368	\$6.80	\$2,502.40	70.00%	\$750.72
873510	Kol-Seal	Lb	4410	\$1.28	\$5,644.80	70.00%	\$1,693.44
873200	CD-1, Cement Dispersant/Friction Reducer	Lb	43	\$9.75	\$419.25	70.00%	\$125.78
873810	CDF-1L, Defoamer	Gal	9	\$87.50	\$787.50	70.00%	\$236.25
873110	CAS-1, Suspension Agent, Sodium Metasilicate	Lb	371	\$4.95	\$1,836.45	70.00%	\$550.94
861421	Cement Pump Casing, Area 1, 12,001'-13,000', 1st 8 Hrs	Ea	1	\$17,150.00	\$17,150.00	70.00%	\$5,145.00
860000	Unit Mileage Charge - Trucks and Vans (Except Bulk Units), Per Unit Mile	Mi	200	\$8.50	\$1,700.00	70.00%	\$510.00
860010	Pickup Mileage Charge, Per Unit Mile	Mi	200	\$5.15	\$1,030.00	70.00%	\$309.00
860050	Cement Delivery Charge	TM	8218	\$3.10	\$25,475.80	70.00%	\$7,642.74
872000	Blending Charge	CU FT	2429	\$3.75	\$9,108.75	70.00%	\$2,732.63
863520	Cementing Head with Manifold, 6 5/8"-10 3/4", Each	Job	1	\$530.00	\$530.00	70.00%	\$159.00
863550	Swedge , 6 5/8" - 13 3/8" with Valve, Each	Job	1	\$385.00	\$385.00	70.00%	\$115.50
863030	Field Storage Bin, Each	Day	1	\$825.00	\$825.00	70.00%	\$247.50
863003	Bulk Truck, Additional Hours After 4 Hrs, Per Unit/Hr	Hrs	16	\$165.00	\$2,640.00	70.00%	\$792.00
861603	Cement Pump Casing, Area 1, Additional Hours, Pump/Hr	Hrs	8	\$660.00	\$5,280.00	50.00%	\$2,640.00
880020	7" Rubber Plug, Top	Ea	1	\$230.00	\$230.00	50.00%	\$115.00

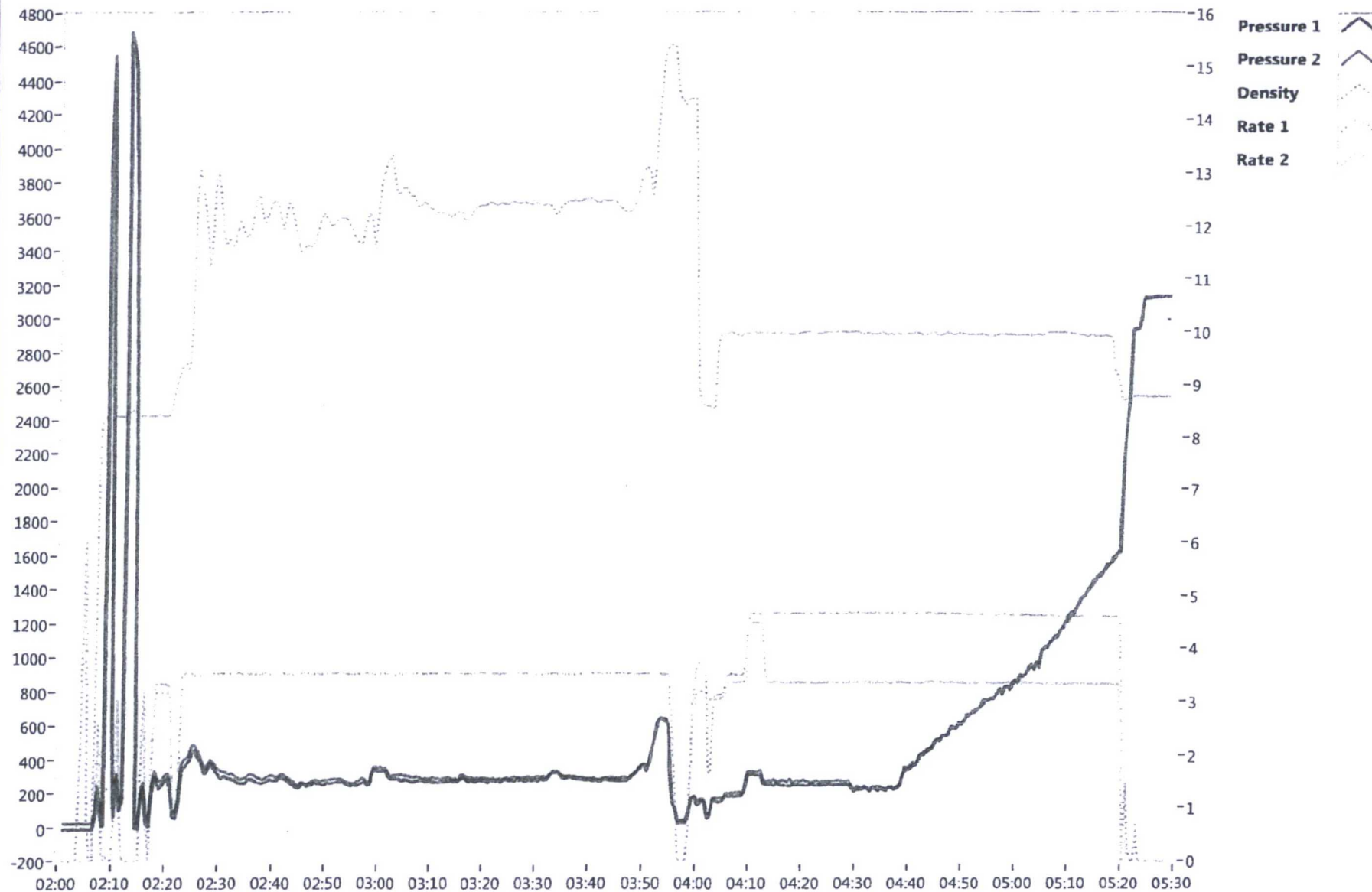


ImPetro Operating Prizehog BWZ State Com 1H 2nd

Job Name

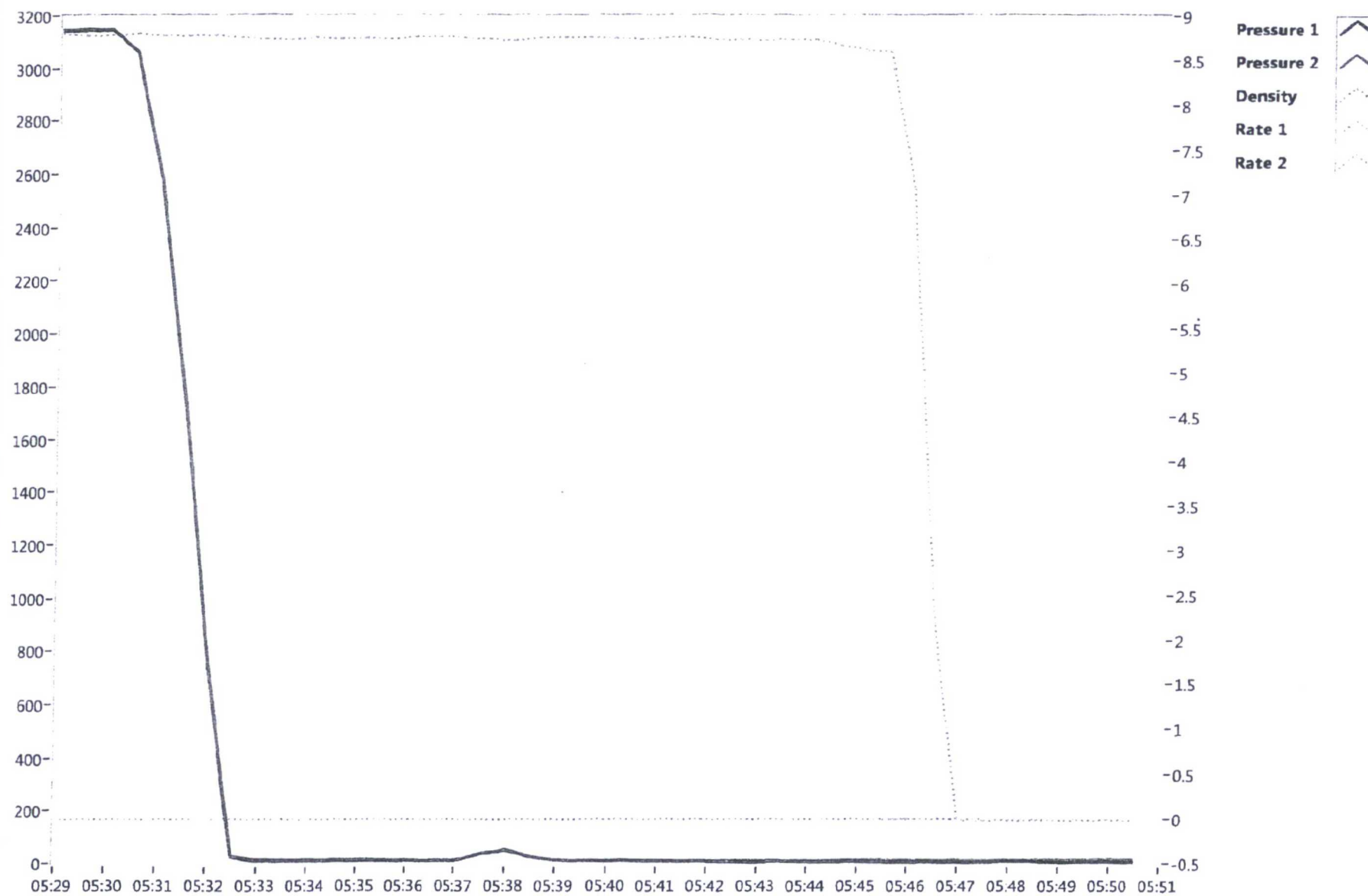
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1115008303 - ImPetro Operating - Prizehog BWZ State Com #1H - Production Cement Proposal - 8-8-17



ImPerto Prizehog BWZ State Com # 1H LS_2017-8-9 0-35-34

Job Name

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