

WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

BCU 23-30-198

Cyclone 29

Post Job Summary
Cement Production Casing

Surface

Date Prepared: 9/11/2014
Job Date: 8/28/2014

Submitted by: Tony Eschete - Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 3207170	Quote #:	Sales Order #: 0901624707
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Customer Rep: TOM BOWEN		
Well Name: FEDERAL	Well #: BCU 23-30-198	API/UWI #: 05-103-11995-00	
Field: SULPHUR CREEK	City (SAP): MEEKER	County/Parish: RIO BLANCO	State: COLORADO
Legal Description: NW SE-30-1N-98W-2060FSL-2145FEL			
Contractor: CYCLONE	Rig/Platform Name/Num: CYCLONE 29		
Job BOM: 392189			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HAL7171	Srv Supervisor: Dustin Smith		

Job

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	3271ft Job Depth TVD
Water Depth	Wk Ht Above Floor 5 ft
Perforation Depth (MD)	From To

Well Data

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Open Hole Section			14.75				0	1350	0	0
Casing		9.625	8.921	36	8 RD		0	3271	0	0
Open Hole Section			13.5				1350	3271	0	0

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	9.625	1		3271	Top Plug	9.625	1	
Float Shoe	9.625	1						
Float Collar	9.625	1		3245				
Insert Float	9.625	1			Plug Container	9.625	1	HES
Stage Tool	9.625	1		1400	Centralizers	9.625	10	

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty

Fluid Data

Stage/Plug #: 1

Cement Left In Pipe	Amount	26 ft	Reason	Shoe Joint
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Fluid Data

Stage/Plug #: 2

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Fresh Water	Fresh Water	20	bbl	8.33			4.0	

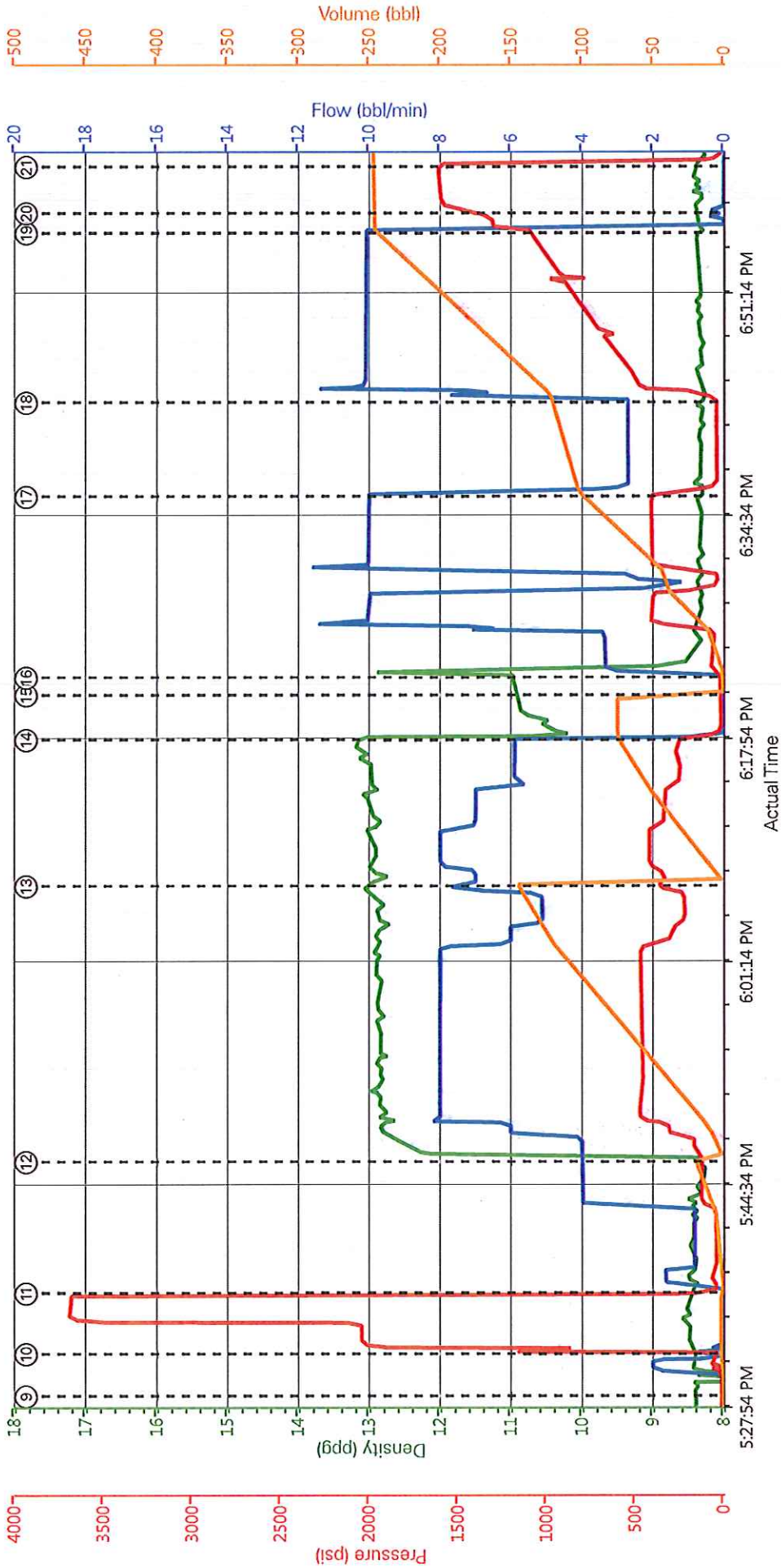
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	VersaCem (TM) System	VERSACEM (TM) SYSTEM	480	sack	12.8	1.77		8.0	9.31
9.33 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	VersaCem (TM) System	VARICEM (TM) CEMENT	230	sack	12.8	1.96		8.0	10.93
10.91 Gal		FRESH WATER							
94 lbm		TYPE I / II CEMENT, BULK (101439798)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
4	Displacement	Displacement	250.8	bbl	8.33			10	
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
5	Fresh Water Spacer	Fresh Water Spacer	20	bbl	8.33			4	
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
6	VersaCem (TM) System	VERSACEM (TM) SYSTEM	825	sack	12.8	1.96		6	10.93
10.91 Gal		FRESH WATER							
7		DISPLACEMENT	108.2	BBL				10	
Cement Left In Pipe		Amount	26 ft		Reason		Shoe Joint		
Comment									

3.5 Job Event Log

Type	Seq. No.	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump stage total	Comment
Event	1	Call Out	8/30/2014	06:30:00	USER					ELITE # 6
Event	2	Pre-Convoy Safety Meeting	8/30/2014	09:00:00	USER					ALL HES EMPLOYEES
Event	3	Arrive at Loc	8/30/2014	12:00:00	USER					ARRIVED ON LOCATION 1 HOUR EARLY DIDNT START CHARGING TIME UNTIL REQUESTED ON LOCATION TIME RIG RUNNING CASING
Event	4	Assessment Of Location Safety Meeting	8/30/2014	12:30:00	USER					ALL HES EMPLOYEES
Event	5	Pre-Rig Up Safety Meeting	8/30/2014	12:45:00	USER					ALL HES EMPLOYEES
Event	6	Rig-Up Equipment	8/30/2014	13:00:00	USER					1 HT-400 PUMP TRUCK (ELITE # 6) 1 660 BULK TRUCK 2 SILOS 1 F-550 PICKUP
Event	7	Rig-Up Completed	8/30/2014	15:50:00	USER					RIG CIRCULATED FOR 1 HOUR PRIOR TO THE JOB @ 10 BPM
Event	8	Pre-Job Safety Meeting	8/30/2014	16:00:00	USER					ALL HES EMPLOYEES AND RIG CREW
Event	9	Start Job	8/30/2014	17:29:00	COM5					TD: 3271 TP: 3271 SI: 26 CSG: 9 5/8 36# OH: 14 3/4 10 1350 13 1/2 FROM 1350 TO TD STAGE TOOL @ 1400 MUD WT: 8.9 PPG 10 CENTRALIZERS USED
Event	10	Test Lines	8/30/2014	17:32:09	COM5	8.33	0.00	3698	2.0	PRESSURE TEST OK
Event	11	Pump Fresh Water Spacer	8/30/2014	17:36:42	COM5	8.33	4.0	124	20	PUMP FRESH WATER SPACER
Event	12	Pump Lead Cement	8/30/2014	17:46:32	COM5	12.8	8.0	420	151.3	480 SKS 12.8 PPG 1.77 YIELD 9.31 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT LEAD CEMENT
Event	13	Pump Tail Cement	8/30/2014	18:07:08	COM5	12.8	8.0	414	80.3	230 SKS 12.8 PPS 1.96 YIELD 10.93 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT
Event	14	Shutdown	8/30/2014	18:18:03	COM5					
Event	15	Drop Plug	8/30/2014	18:21:23	COM5					DROP FIRST STAGE SHUTOFF PLUG
Event	16	Pump Displacement	8/30/2014	18:22:43	COM5	8.33	10	1100	250.8	FRESH WATER DISPLACEMENT
Event	17	Slow Rate	8/30/2014	18:36:14	COM5	8.33	2.5	50	98	SLOW RATE TO ALLOW PLUG TO PASS THROUGH STAGE TOOL

Event	18	Increase Rate	8/30/2014	18:43:17	COM5	8.33	10	497	118	INCREASE RATE AFTER PLUG PASSED THROUGH STAGE TOOL
Event	19	Slow Rate	8/30/2014	18:55:59	COM5	8.33	4.0	1100	235	SLOW RATE TO BUMP PLUG
Event	20	Bump Plug	8/30/2014	18:57:29	COM5	8.33	3.0	1615	250.8	PSI BEFORE BUMPING PLUG @ 1100 PSI BUMPED PLUG UP TO 1615 PSI PLUG LANDED AS PUMP OPERATOR SLOWED RATE
Event	21	Check Floats	8/30/2014	19:00:58	COM5					FLOATS HELD 1/2 BBL BACK TO DISPLACEMENT TANKS
Event	22	Drop Opening Device	8/30/2014	19:07:47	COM5					DROP MSC OPENING DEVICE
Event	23	Open Multiple Stage Cementer	8/30/2014	19:16:34	COM5	8.33	1	550	2	PRESSURED UP TO 550 PSI TO OPEN MSC
Event	24	Pump Fresh Water Spacer	8/30/2014	19:17:09	USER	8.33	4.0	248	20	PUMP FRESH WATER SPACER
Event	25	Pump Tail Cement	8/30/2014	19:27:58	COM5	12.8	6.0	470	287.9	825 SKS 12.8 PPG 1.96 YIELD 10.93 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT HAD TO PUMP CEMENT AT A SLOWER RATE DUE TO DELIVERY ISSUES FROM SILO
Event	26	Drop Closing Plug	8/30/2014	20:24:14	USER					PLUG AWAY NO PROBLEMS
Event	27	Pump Displacement	8/30/2014	20:24:41	COM5	8.33	10	730	108.2	FRESH WATER DISPLACEMENT
Event	28	Slow Rate	8/30/2014	20:34:54	COM5	8.33	4	440	98	SLOW RATE TO BUMP PLUG / CLOSE MSC
Event	29	Bump Plug	8/30/2014	20:37:32	COM5	8.33	4	1435	108.2	PSI BEFORE BUMPING PLUG @ 440 BUMPED PLUG UP TO 1435 PSI
Event	30	Check Floats	8/30/2014	20:43:25	COM5					FLOATS HELD 1 BBL BACK TO DISPLACEMENT TANKS
Event	31	End Job	8/30/2014	20:44:52	COM5					GOOD RETURNS THROUGHOUT JOB PIPE STATIC THROUGHOUT JOB RETURNED 70 BBLs OF CEMENT OFF THE TOP OF THE STAGE TOOL ON 1ST STAGE RETURNED 100 BBLs OF CEMENT TO SURFACE ON 2ND STAGE
Event	32	Pre-Rig Down Safety Meeting	8/31/2014	14:08:43	USER					ALL HES EMPLOYEES
Event	33	Rig-Down Equipment	8/31/2014	14:08:52	USER					
Event	34	Pre-Convoy Safety Meeting	8/31/2014	14:08:56	USER					ALL HES EMPLOYEES
Event	35	Crew Leave Location	8/31/2014	14:09:01	USER					THANK YOU FOR USING HALLIBURTON CEMENT DUSTIN SMITH AND CREW

WPX - FEDERAL BCU 23-30-198 - 9 5/8 1ST STAGE



DH Density (ppg) 8.37 Comb Pump Rate (bbl/min) 0 PS Pump Press (psi) 15 Pump Stg Tot (bbl) 0

① Call Out	⑦ Rig-Up Completed	⑬ Pump Tail Cement	⑰ Slow Rate	25 Pump Tail Cement	31 End Job
② Pre-Convoy Safety Meeting	⑧ Pre-Job Safety Meeting	⑭ Shutdown	20 Bump Plug	26 Drop Closing Plug	32 Pre-Rig Down Safety Meeting
③ Arrive at Loc	⑨ Start Job	⑮ Drop Plug	21 Check Floats	27 Pump Displacement	33 Rig-Down Equipment
④ Assessment Of Location Safety Meeting	⑩ Test Lines	⑯ Pump Displacement	22 Drop Opening Device	28 Slow Rate	34 Pre-Convoy Safety Meeting
⑤ Pre-Rig Up Safety Meeting	⑪ Pump Fresh Water Spacer	⑰ Slow Rate	23 Open Multiple Stage Cementer	29 Bump Plug	35 Crew Leave Location
⑥ Rig-Up Equipment	⑫ Pump Lead Cement	⑱ Increase Rate	24 Pump Fresh Water Spacer	30 Check Floats	

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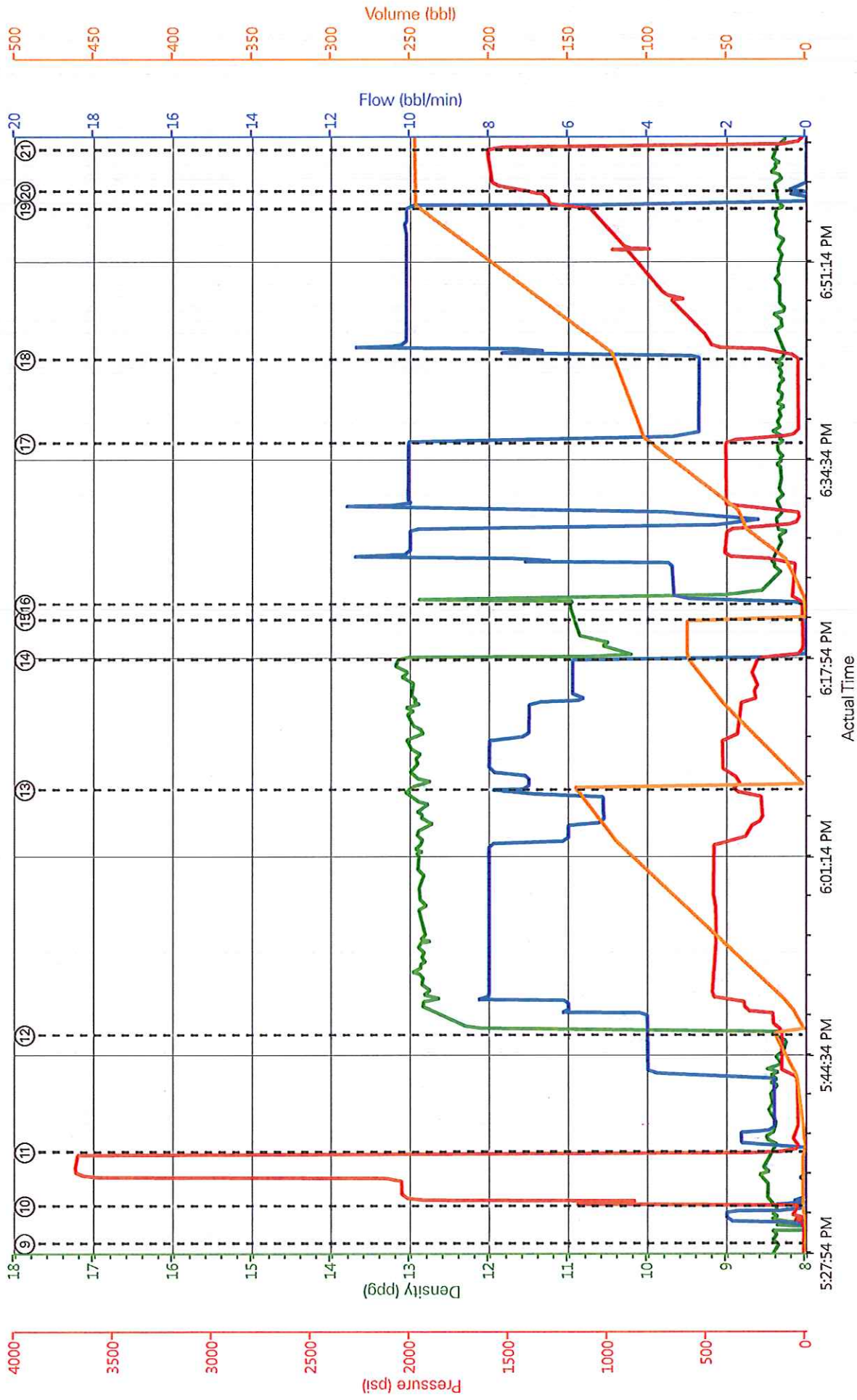
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Customer : WPX ENERGY ROCKY MOUNTAIN LLC-EBUS
Representative : TOM BOWEN

Job Date : 8/30/2014 4:20:59 PM
Sales Order # : 901624707

Well : FEDERAL BCU 23-30-198
ELITE # 6 : DUSTIN SMITH / ROB EICKHOFF

WPX - FEDERAL BCU 23-30-198 - 9 5/8 1ST STAGE



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Customer : WPX ENERGY ROCKY MOUNTAIN LLC-EBUS
Representative : TOM BOWEN

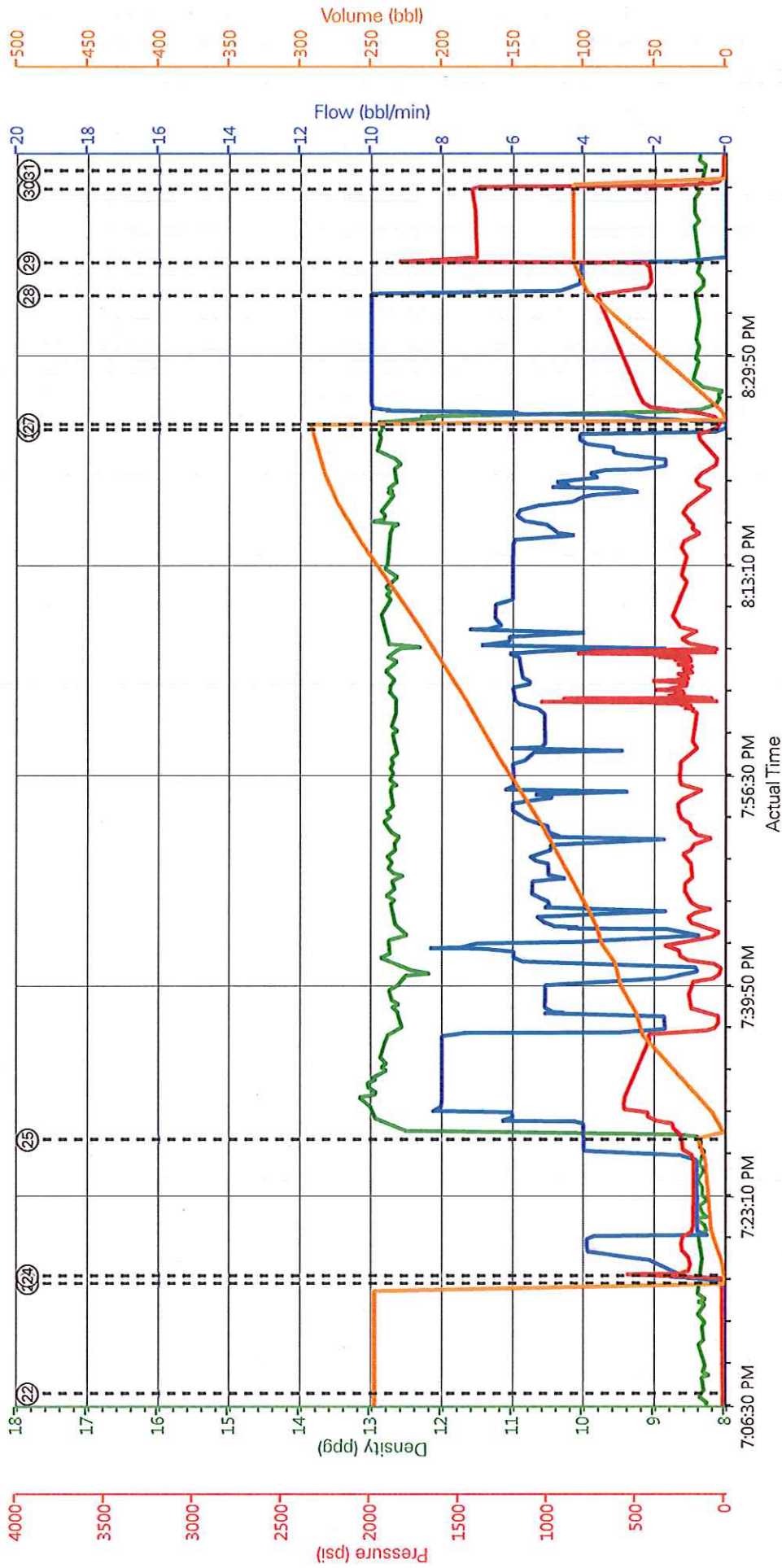
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Sales Order # : 901624707

ELITE # 6 : DUSTIN SMITH / ROB EICKHOFF

WPX - FEDERAL BCU 23-30-198 - 9 5/8 2ND STAGE



① Call Out
② Pre-Convoy Safety Meeting
③ Arrive at Loc
④ Assessment Of Location Safety Meeting
⑤ Pre-Rig Up Safety Meeting
⑥ Rig-Up Equipment
⑦ Rig-Up Completed
⑧ Pre-Job Safety Meeting
⑨ Start Job
⑩ Test Lines
⑪ Pump Fresh Water Spacer
⑫ Pump Lead Cement
⑬ Pump Tail Cement
⑭ Shutdown
⑮ Drop Plug
⑯ Pump Displacement
⑰ Slow Rate
⑱ Increase Rate
⑲ Pump Tail Cement
⑳ Bump Plug
㉑ Check Floats
㉒ Pump Displacement
㉓ Drop Opening Device
㉔ Open Multiple Stage Cementer
㉕ Pump Fresh Water Spacer
㉖ Pump Tail Cement
㉗ Drop Closing Plug
㉘ Pump Displacement
㉙ Pump Displacement
㉚ Slow Rate
㉛ Bump Plug
㉜ Check Floats
㉝ Pump Sg Tot (bbl)

① Call Out	⑦ Rig-Up Completed	⑬ Pump Tail Cement	⑲ Pump Tail Cement	㉝ Pump Sg Tot (bbl)
② Pre-Convoy Safety Meeting	⑧ Pre-Job Safety Meeting	⑭ Shutdown	㉖ Pump Tail Cement	㉞ Pump Sg Tot (bbl)
③ Arrive at Loc	⑨ Start Job	⑮ Drop Plug	㉗ Drop Closing Plug	㉟ Pump Sg Tot (bbl)
④ Assessment Of Location Safety Meeting	⑩ Test Lines	⑯ Pump Displacement	㉘ Pump Displacement	㊱ Pump Sg Tot (bbl)
⑤ Pre-Rig Up Safety Meeting	⑪ Pump Fresh Water Spacer	⑰ Slow Rate	㉙ Pump Displacement	㊲ Pump Sg Tot (bbl)
⑥ Rig-Up Equipment	⑫ Pump Lead Cement	⑱ Increase Rate	㉚ Slow Rate	㊳ Pump Sg Tot (bbl)
			㉛ Bump Plug	㊴ Pump Sg Tot (bbl)
			㉜ Check Floats	㊵ Pump Sg Tot (bbl)
			㉕ Pump Displacement	㊶ Pump Sg Tot (bbl)
			㉖ Pump Displacement	㊷ Pump Sg Tot (bbl)
			㉗ Drop Opening Device	㊸ Pump Sg Tot (bbl)
			㉘ Open Multiple Stage Cementer	㊹ Pump Sg Tot (bbl)
			㉙ Pump Fresh Water Spacer	㊺ Pump Sg Tot (bbl)
			㉚ Check Floats	㊻ Pump Sg Tot (bbl)
			㉛ Bump Plug	㊼ Pump Sg Tot (bbl)
			㉜ Check Floats	㊽ Pump Sg Tot (bbl)
			㉝ Pump Sg Tot (bbl)	㊾ Pump Sg Tot (bbl)

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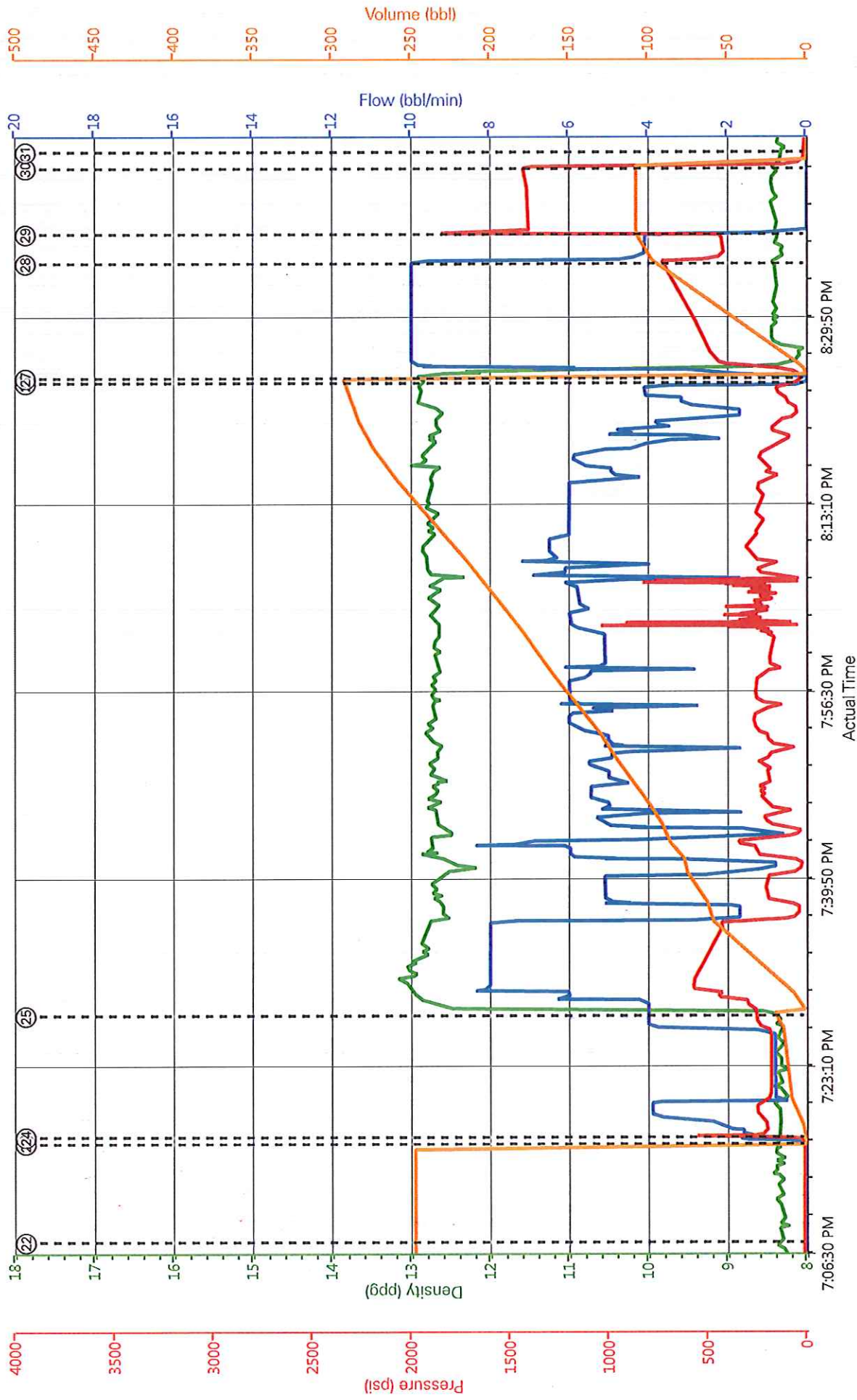
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Representative: TOM BOWEN

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ELITE # 6: DUSTIN SMITH / ROB EICKHOFF

WPX - FEDERAL BCU 23-30-198 - 9 5/8 2ND TAGE



DH Density (ppg) Comb Pump Rate (bbl/min) PS Pump Press (psi) Pump Stg Tot (bbl)

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Customer : WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

Job Date : 8/30/2014 4:20:59 PM

Well : FEDERAL BCU 23-30-198

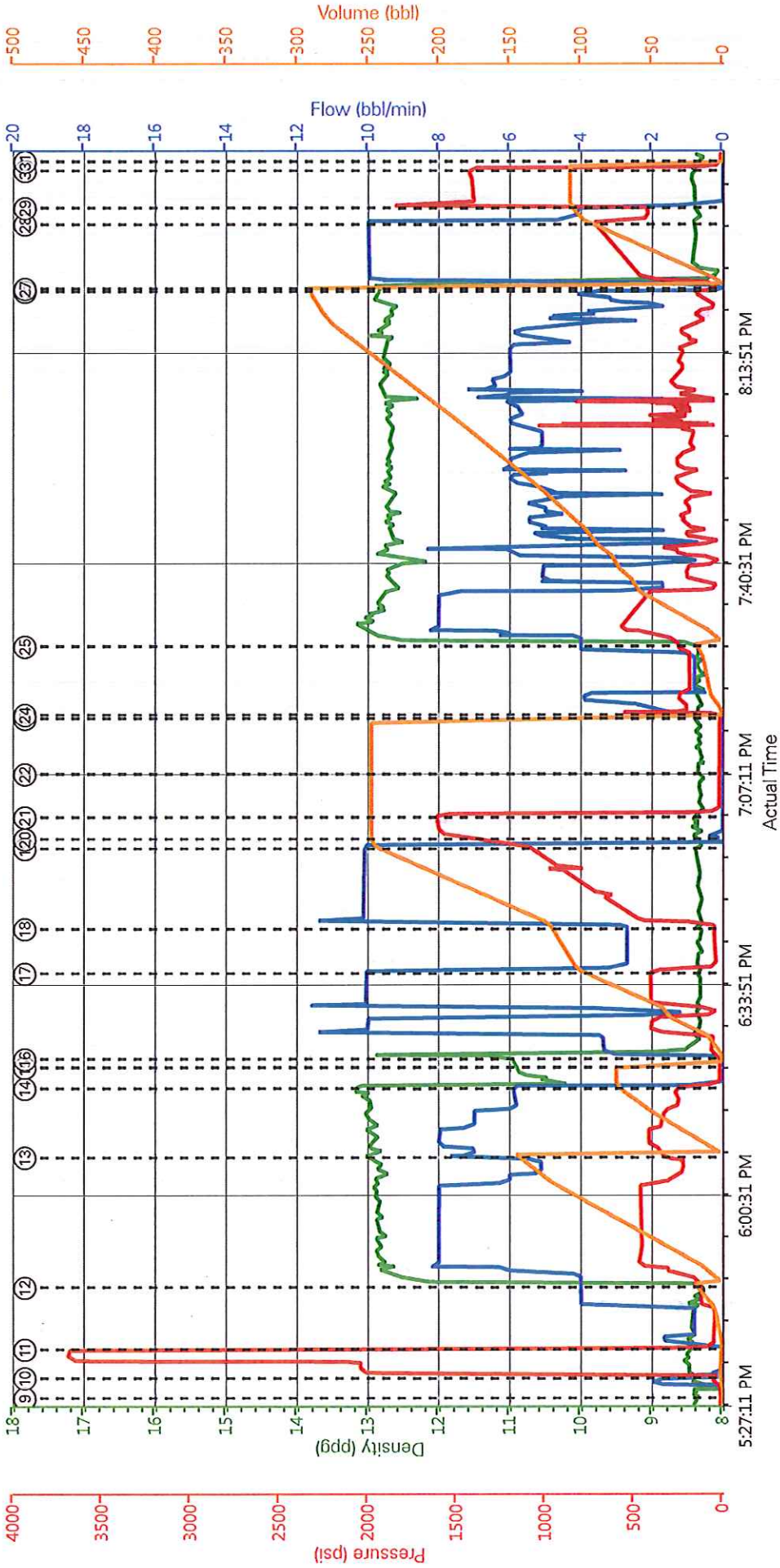
Representative : TOM BOWEN

Sales Order # : 901624707

ELITE # 6: DUSTIN SMITH / ROB EICKHOFF

Edit

WPX - FEDERAL BCU 23-30-198 - 9 5/8 2 STAGE SURFACE



DH Density (ppg) 8.37 Comb Pump Rate (bbl/min) 0 PS Pump Press (psi) 15 Pump Stg Tot (bbl) 0

① Call Out	⑦ Rig-Up Completed	⑬ Pump Tail Cement	⑰ Slow Rate	25 Pump Tail Cement	31 End Job
② Pre-Convoy Safety Meeting	⑧ Pre-Job Safety Meeting	⑭ Shutdown	20 Bump Plug	26 Drop Closing Plug	32 Pre-Rig Down Safety Meeting
③ Arrive at Loc	⑨ Start Job	⑮ Drop Plug	21 Check Floats	27 Pump Displacement	33 Rig-Down Equipment
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⑤ Pre-Rig Up Safety Meeting	⑪ Pump Fresh Water Spacer	⑰ Slow Rate	23 Open Multiple Stage Cementer	29 Bump Plug	35 Crew Leave Location
⑥ Rig-Up Equipment	⑫ Pump Lead Cement	⑱ Increase Rate	24 Pump Fresh Water Spacer	30 Check Floats	

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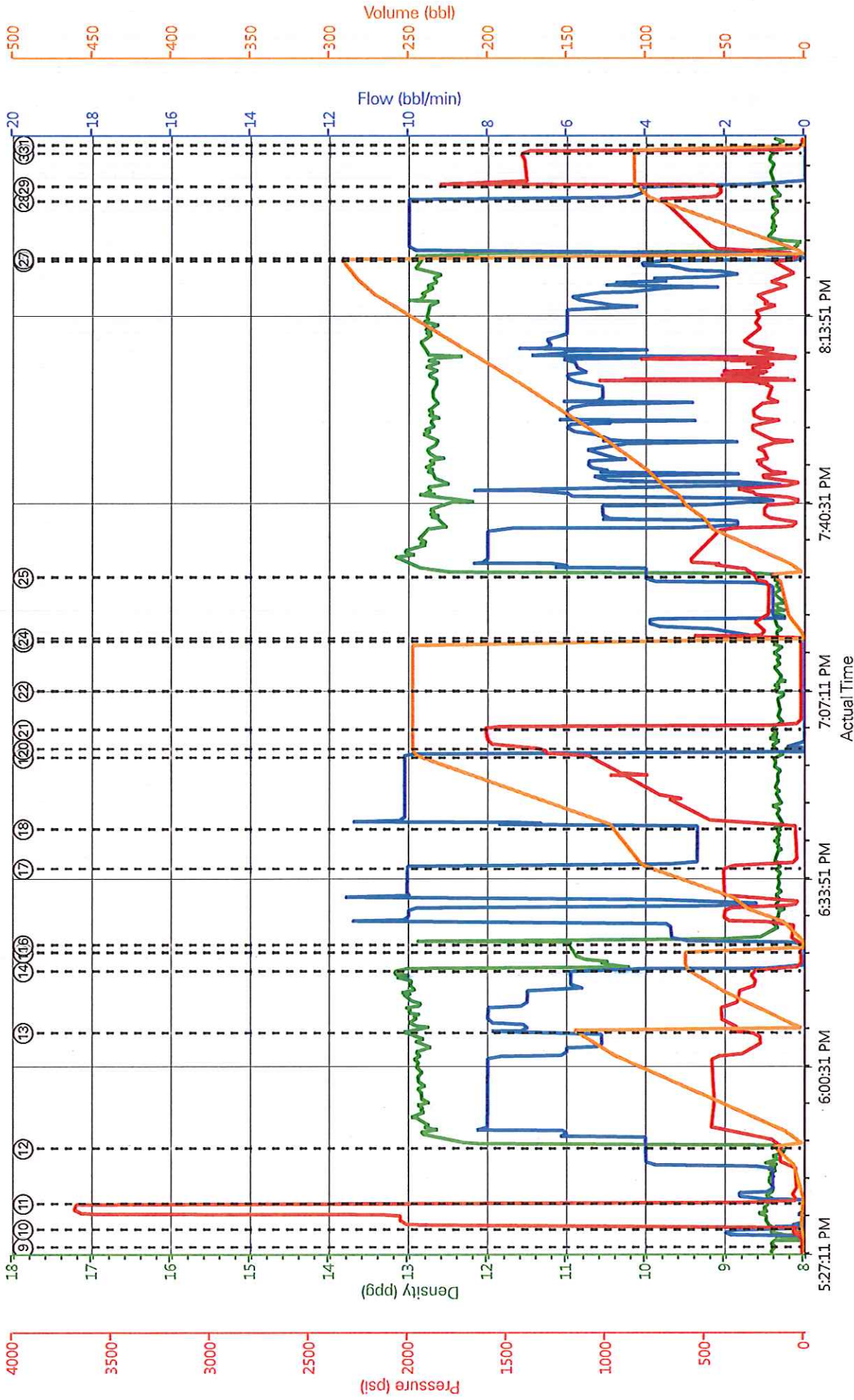
Well : FEDERAL BCU 23-30-198

Representative : TOM BOWEN

Sales Order # : 901624707

ELITE # 6 : DUSTIN SMITH / ROB EICKHOFF

WPX - FEDERAL BCU 23-30-198 - 9 5/8 2 STAGE SURFACE



DH Density (ppg) 8.37 Comb Pump Rate (bbl/min) 0 PS Pump Press (psi) 15 Pump Stg Tot (bbl) 0

HALLIBURTON | iCem® Service

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Customer: WPX ENERGY ROCKY MOUNTAIN LLC-
EBUS

Job Date: 8/30/2014 4:20:59 PM

Well: FEDERAL BCU 23-30-198

Representative: TOM BOWEN

Sales Order #: 901624707

ELITE # 6: DUSTIN SMITH / ROB EICKHOFF

Edit

HALLIBURTON

Water Analysis Report

Company: WPX
Submitted by: DUSTIN SMITH
Attention: _____
Lease: FEDERAL BCU
Well #: 23-30-198

Date: 8/30/2014
Date Rec.: 8/30/2014
S.O.#: 901624707
Job Type: SURFACE

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	7
Potassium (K)	<i>5000</i>	200 Mg / L
Calcium (Ca)	<i>500</i>	120 Mg / L
Iron (FE2)	<i>300</i>	0 Mg / L
Chlorides (Cl)	<i>3000</i>	0 Mg / L
Sulfates (SO ₄)	<i>1500</i>	UNDER 200 Mg / L
Chlorine (Cl ₂)		0 Mg / L
Temp	<i>40-90</i>	64 Deg
Total Dissolved Solids		200 Mg / L

Respectfully: DUSTIN SMITH

Title: CEMENTING SUPERVISOR

Location: Grand Junction, CO

NOTICE:

This report is limited to the described sample tested. Any person using or relying on this report agrees that Halliburton shall not be liable for any loss or damage whether due to act or omission resulting from such report or its use.

Sales Order #: 0901624707	Line Item: 10	Survey Conducted Date: 8/30/2014
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT MULTIPLE STAGES BOM
Customer Representative: TOM BOWEN		API / UWI: (leave blank if unknown) 05-103-11995-00
Well Name: FEDERAL		Well Number: 0080244376
Well Type: DIRECTIONAL GAS	Well Country: USA	
H2S Present: No	Well State: COLORADO	Well County: RIO BLANCO

Dear Customer,

We hope that you were satisfied with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and service of a standard unmatched in the service sector of the energy industry.

Please take the time to let us know if our performance met with your satisfaction. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use of Halliburton.

CUSTOMER SATISFACTION SURVEY

CATEGORY	CUSTOMER SATISFACTION RESPONSE	
Survey Conducted Date	The date the survey was conducted	8/30/2014
Survey Interviewer	The survey interviewer is the person who initiated the survey.	HX37079
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	TOM BOWEN
HSE	Was our HSE performance satisfactory? Circle Y or N	Yes
Equipment	Were you satisfied with our Equipment? Circle Y or N	Yes
Personnel	Were you satisfied with our people? Circle Y or N	Yes
Customer Comment	Customer's Comment	1.) FIX BULK TANK ASAP 2.) START USING "T" ON EVERY JOB

CUSTOMER SIGNATURE

Sales Order #: 0901624707	Line Item: 10	Survey Conducted Date: 8/30/2014
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT MULTIPLE STAGES BOM
Customer Representative: TOM BOWEN		API / UWI: (leave blank if unknown) 05-103-11995-00
Well Name: FEDERAL		Well Number: 0080244376
Well Type: DIRECTIONAL GAS	Well Country: USA	
H2S Present: No	Well State: COLORADO	Well County: RIO BLANCO

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	8/30/2014

Cementing KPI Survey	
Type of Job Select the type of job. (Cementing or Non-Cementing)	0
Select the Maximum Deviation range for this Job What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	Vertical
Total Operating Time (hours) Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	5
HSE Incident, Accident, Injury HSE Incident, Accident, Injury. This should be recordable incidents only.	No
Was the job purpose achieved? Was the job delivered correctly as per customer agreed design?	Yes
Pumping Hours Total number of hours pumping fluid on this job. Enter in decimal format.	3
Type of Rig Classification Job Was Performed Type Of Rig (classification) Job Was Performed On	Drilling Rig (Portable)
Number Of JSAs Performed Number Of Jsas Performed	6
Was this a Primary Cement Job (Yes / No) Primary Cement Job= Casing job, Liner job, or Tie-back job.	Yes
Number of Unplanned Shutdowns Unplanned shutdown is when injection stops for any period of time.	0
Customer Non-Productive Rig Time (hrs)	0

Sales Order #: 0901624707	Line Item: 10	Survey Conducted Date: 8/30/2014
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT MULTIPLE STAGES BOM
Customer Representative: TOM BOWEN		API / UWI: (leave blank if unknown) 05-103-11995-00
Well Name: FEDERAL		Well Number: 0080244376
Well Type: DIRECTIONAL GAS	Well Country: USA	
H2S Present: No	Well State: COLORADO	Well County: RIO BLANCO

Lost time due to Halliburton in the start, execution, or completion of an ordered service or product, or delays in a follow-on service. Enter in decimal format. 0 if none.	
Did We Run Wiper Plugs? Did We Run Top And Bottom Casing Wiper Plugs?	Top
If a top plug was run, was the plug bumped? (Yes/No/N/A) If a top plug was run, was the plug bumped? (Yes/No/N/A)	Yes
If applicable, was Halliburton float equipment used? (Yes/No/N/A) If applicable, was Halliburton float equipment used? (Yes/No/N/A)	NO
If applicable, did the floats hold? (Yes/No/N/A) If applicable, did the floats hold? (Yes/No/N/A)	Yes
Mixing Density of Job Stayed In Designed Density Range (0-100%) Density Range defined as +/- .20 ppg. Calculation: Total BBLs cement mixed at designed density divided by total BBLs of cement multiplied by 100	90
Pump Rate (percent) of Job Stayed At Designed Pump Rate Pump Rate range defined as +/- 1bbl/min. Calculation: Total BBLs of fluid pumped at the designed rate divided by Total BBLs of fluid pumped, multiplied by 100	90
If applicable, were there returns throughout the job? (Yes/No/N/A) If applicable, were there returns throughout the job? (Yes/No/N/A)	YES
Nbr of Remedial Plug Jobs Rqd - HES Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES	0
Nbr of Remedial Sqz Jobs Rqd - HES Number Of Remedial Squeeze Jobs Required After Primary Job Performed By HES	0