



Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2944522	Quote #:	Sales Order #: 9731682
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Moore, Frank	
Well Name: RWF	Well #: 412-35	API/UWI #: 05-045-20461	
Field: RULISON	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Lat: N 39.483 deg. OR N 39 deg. 28 min. 59.941 secs.		Long: E 107.863 deg. OR E 107 deg. 51 min. 46.444 secs.	
Contractor: WPX	Rig/Platform Name/Num: Nabors 576		
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK	Srvs Supervisor: ARNOLD, EDWARD	MBU ID Emp #: 439784	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARNOLD, EDWARD John	10	439784	LINN, PAUL Andrew	10	479143	SINCLAIR, DAN J	10	338784

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10867531	60 mile	10871245	60 mile	10989685	60 mile	11259882	60 mile
11808831	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8-28-2012	6	0	8-29-2012	4	4			

TOTAL	<i>Total is the sum of each column separately</i>			
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Job

Job Times

Formation Name						Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	28 - Aug - 2012	13:15	MST
Form Type		BHST			On Location	28 - Aug - 2012	18:00	MST
Job depth MD	1167. ft	Job Depth TVD	1167. ft		Job Started	29 - Aug - 2012	01:39	MST
Water Depth		Wk Ht Above Floor	3. ft		Job Completed	29 - Aug - 2012	02:39	MST
Perforation Depth (MD)	From		To		Departed Loc	29 - Aug - 2012	04:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
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Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	1	HES
Stage Tool										Centralizers			

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

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
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Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom
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Stage/Plug #: 1									
1	Spacer		20.00	bbl	.	.0	.0	4	

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.3	2.38	13.75	6	13.75
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75	6	11.75
4	Displacement		87.00	bbl	.	.0	.0	6	

Calculated Values		Pressures		Volumes					
Displacement	87.1	Shut In: Instant		Lost Returns	0	Cement Slurry	127.9	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	20	Actual Displacement	87.1	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	235

Rates									
Circulating	RIG	Mixing	6	Displacement	6	Avg. Job	6		
Cement Left In Pipe	Amount	43.9FT	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		

The Information Stated Herein Is Correct				Customer Representative Signature					
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The Road to Excellence Starts with Safety

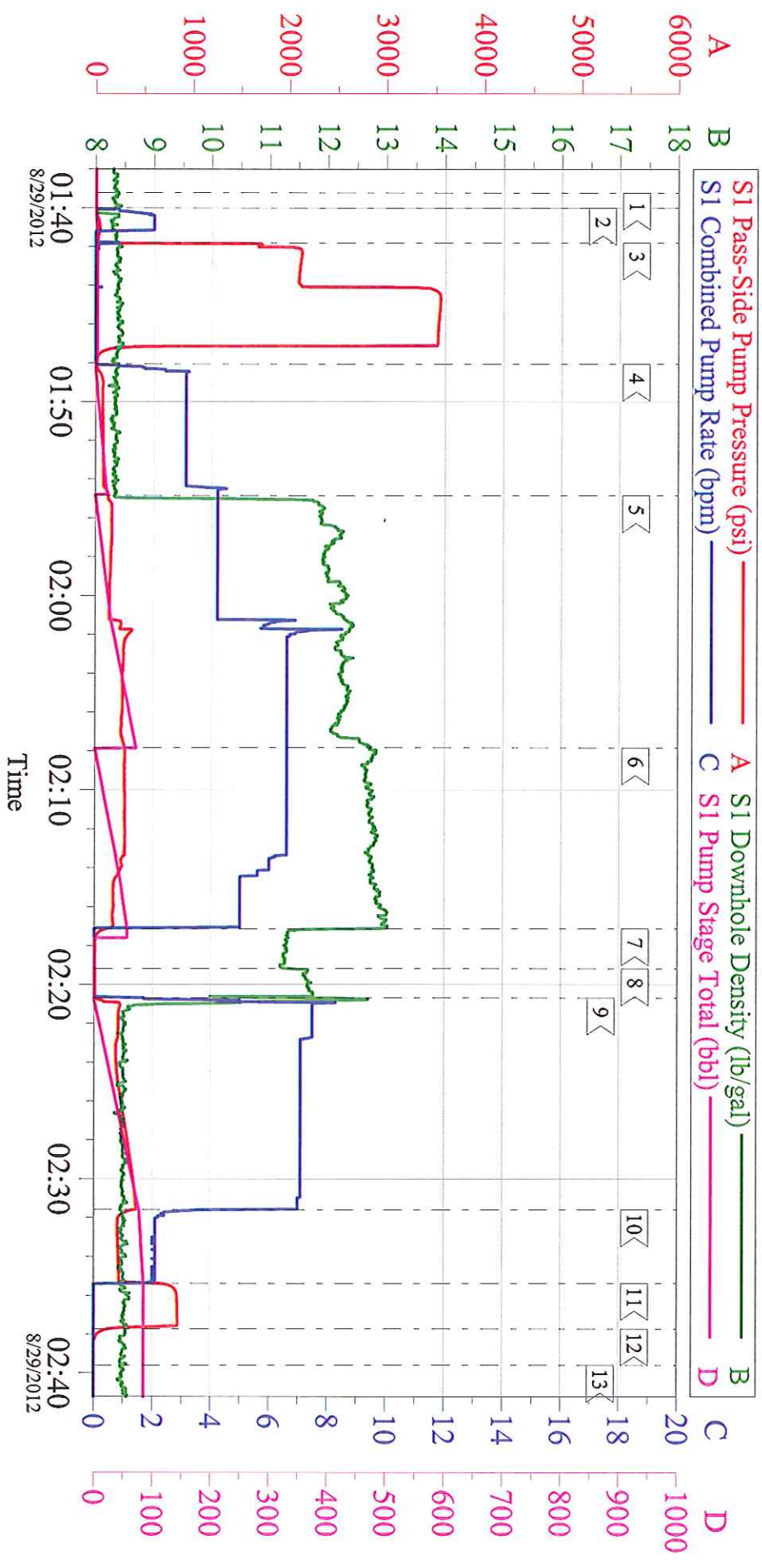
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Well Name: RWF			Well #: 412-35			API/UWI #: 05-045-20461	
Field: RULISON		City (SAP): RIFLE		County/Parish: Garfield		State: Colorado	
Legal Description:							
Lat: N 39.483 deg. OR N 39 deg. 28 min. 59.941 secs.				Long: E 107.863 deg. OR E 107 deg. 51 min. 46.444 secs.			
Contractor: WPX			Rig/Platform Name/Num: Nabors 576				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: MAYO, MARK			Srv Supervisor: ARNOLD, EDWARD			MBU ID Emp #: 439784	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	08/28/2012 13:15							
Pre-Convoy Safety Meeting	08/28/2012 15:30							Including entire cement crew.
Crew Leave Yard	08/28/2012 15:45							
Arrive At Loc	08/28/2012 18:00							Rig doing wiper run.
Assessment Of Location Safety Meeting	08/29/2012 00:00							Water; PH 7; KCL 0; So4 <200; Fe 0; Calcium 120; Chlorides 500; Temp 75; TDS 210.
Pre-Rig Up Safety Meeting	08/29/2012 00:05							Including entire cement crew.
Rig-Up Equipment	08/29/2012 00:10							1 Elite # 8; 1 660 bulk truck; 1 hard line to floor; 1 line to upright; 1 line to rig tank. 9.625" compact head.
Rig-Up Completed	08/29/2012 01:00							
Pre-Job Safety Meeting	08/29/2012 01:15							Including everyone on location.
Start Job	08/29/2012 01:39							TD 1167; TP 1150.7; SJ 43.92; OH 13 1/2"; Casing 9.625" 32.3# H- 40; Mud 10.1 ppg.
Pump Water	08/29/2012 01:40		2	2			49.0	Fill lines with fresh water.
Test Lines	08/29/2012 01:41					3300. 0		Good pressure test, no leaks.
Pump Spacer 1	08/29/2012 01:48		4	20			120.0	20 BBL fresh water spacer.
Pump Lead Cement	08/29/2012 01:54		6	67.8			303.0	160 sks Lead Cement, 12.3 ppg, 2.38 cf3, 13.75 gal/sk.

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Tail Cement	08/29/2012 02:07		6	60.1			250	160 sks Tail Cement, 12.8 ppg, 2.11 cf3, 11.75 gal/sk.
Shutdown	08/29/2012 02:17							
Drop Plug	08/29/2012 02:19							Plug left container.
Pump Displacement	08/29/2012 02:20		10	77.1			420	Fresh water displacement.
Slow Rate	08/29/2012 02:31		2	10			250	Slow rate last 10 BBL's of displacement prior to bumping the plug.
Bump Plug	08/29/2012 02:35				87.1		850	Bumped plug, took 500 PSI over.
Check Floats	08/29/2012 02:37							Floats held, 1/2 BBL back, 20 BBL's good cement to surface, 60# of sugar used.
End Job	08/29/2012 02:39							
Pre-Rig Down Safety Meeting	08/29/2012 02:45							Including entire cement crew.
Rig-Down Equipment	08/29/2012 02:50							
Rig-Down Completed	08/29/2012 03:40							
Pre-Convoy Safety Meeting	08/29/2012 03:50							Including entire cement crew.
Crew Leave Location	08/29/2012 04:00							Crew leave location for Service Center or another location.
Other	08/29/2012 04:00							Thank You for using Halliburton. Ed Arnold and Crew.

WPX - RWF 412-35 9 5/8" SURFACE

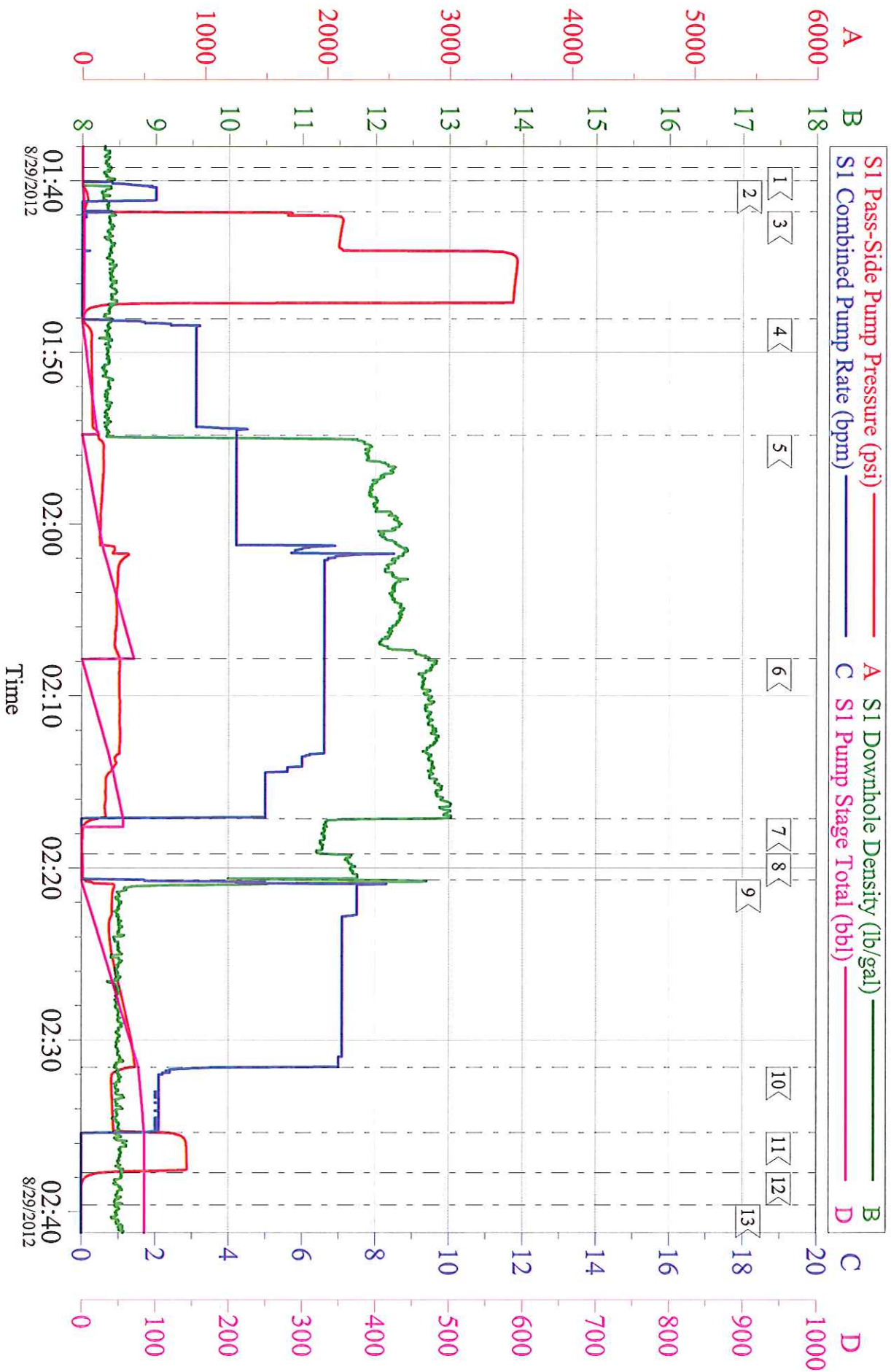


Customer: WPX	Job Date: 29-Aug-2012	Sales Order #: 9731682
Well Description: RWF 412-53	Job Type: SURFACE	ADC Used: YES
Company Rep: RICK OAKS	Cement Supervisor: ED ARNOLD	Elite #: DAN SINCLAIR

OptiCem v6.4.10
29-Aug-12 02:53

WPX - RWF 412-35

9 5/8" SURFACE



Customer: WPX
Well Description: RWF 412-53
Company Rep: RICK OAKS

Job Date: 29-Aug-2012
Job Type: SURFACE
Cement Supervisor: ED ARNOLD

Sales Order #: 9731682
ADC Used: YES
Elite #: DAN SINCLAIR