

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 3005205	Quote #:	Sales Order #: 900527353
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Towers, Ron	
Well Name: RWF	Well #: 24-29	API/UWI #:	
Field: RULSION	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Contractor: Nabors	Rig/Platform Name/Num: Nabors 573		
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor: ANDREWS, ANTHONY	MBU ID Emp #: 321604

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ANDERSON, ADAM S	3.5	456683	ANDREWS, ANTHONY Michael	3.5	321604	EICKHOFF, ROBERT Edward	3.5	495311

Equipment

HES Unit #	Distance-1 way						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
6/21/13	3.5	2.5						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Date	Time	Time Zone
Formation Depth (MD) Top Bottom	Called Out	20 - Jun - 2013	20:30 MST
Form Type BHST	On Location	21 - Jun - 2013	00:00 MST
Job depth MD 1100. ft Job Depth TVD 1100. ft	Job Started	21 - Jun - 2013	01:25 MST
Water Depth Wk Ht Above Floor 4. ft	Job Completed	21 - Jun - 2013	02:19 MST
Perforation Depth (MD) From To	Departed Loc	21 - Jun - 2013	03:30 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

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

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
1	Fresh Water Spacer		20.00	bbl	.	.0	.0	.0	

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	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.3	2.38	13.75		13.75
3	VersaCem Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75		11.75
4	Fresh Water Displacement		88.00	bbl	.	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	87.7	Shut In: Instant		Lost Returns	N	Cement Slurry	127.9	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	30	Actual Displacement	87.7	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	235.6
Rates									
Circulating	RIG	Mixing	8	Displacement	10-2	Avg. Job	8		
Cement Left In Pipe	Amount	36 ft	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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Well Name: RWF	Well #: 24-29	API/UWI #:	
Field: RULSION	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat:		Long:	
Contractor: Nabors		Rig/Platform Name/Num: Nabors 573	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srv Supervisor: ANDREWS, ANTHONY	MBU ID Emp #: 321604

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	06/20/2013 20:30							
Pre-Convoy Safety Meeting	06/20/2013 22:25							
Crew Leave Yard	06/20/2013 22:30							CREW WAS MOVED OVER FROM PREVIOUS JOB, REQUESTED ON LOCATION TIME WAS 2300, CREW ARRIVED @ MIDNIGHT (6/21/13), RIG WAS RIGGING DOWN CASING CREW.
Arrive At Loc	06/21/2013 00:00							
Assessment Of Location Safety Meeting	06/21/2013 00:15							
Other	06/21/2013 00:20							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	06/21/2013 00:25							
Rig-Up Equipment	06/21/2013 00:30							
Pre-Job Safety Meeting	06/21/2013 01:15							
Start Job	06/21/2013 01:25							TD: 1160 TP: 1150 SJ: 36' MW: 9.7 PPG 9 5/8" 32.3#/FT CSG IN 13 1/2" OH
Test Lines	06/21/2013 01:27							3000 PSI TEST
Pump Spacer	06/21/2013 01:31		4	20			115.0	FRESH H2O SPACER
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

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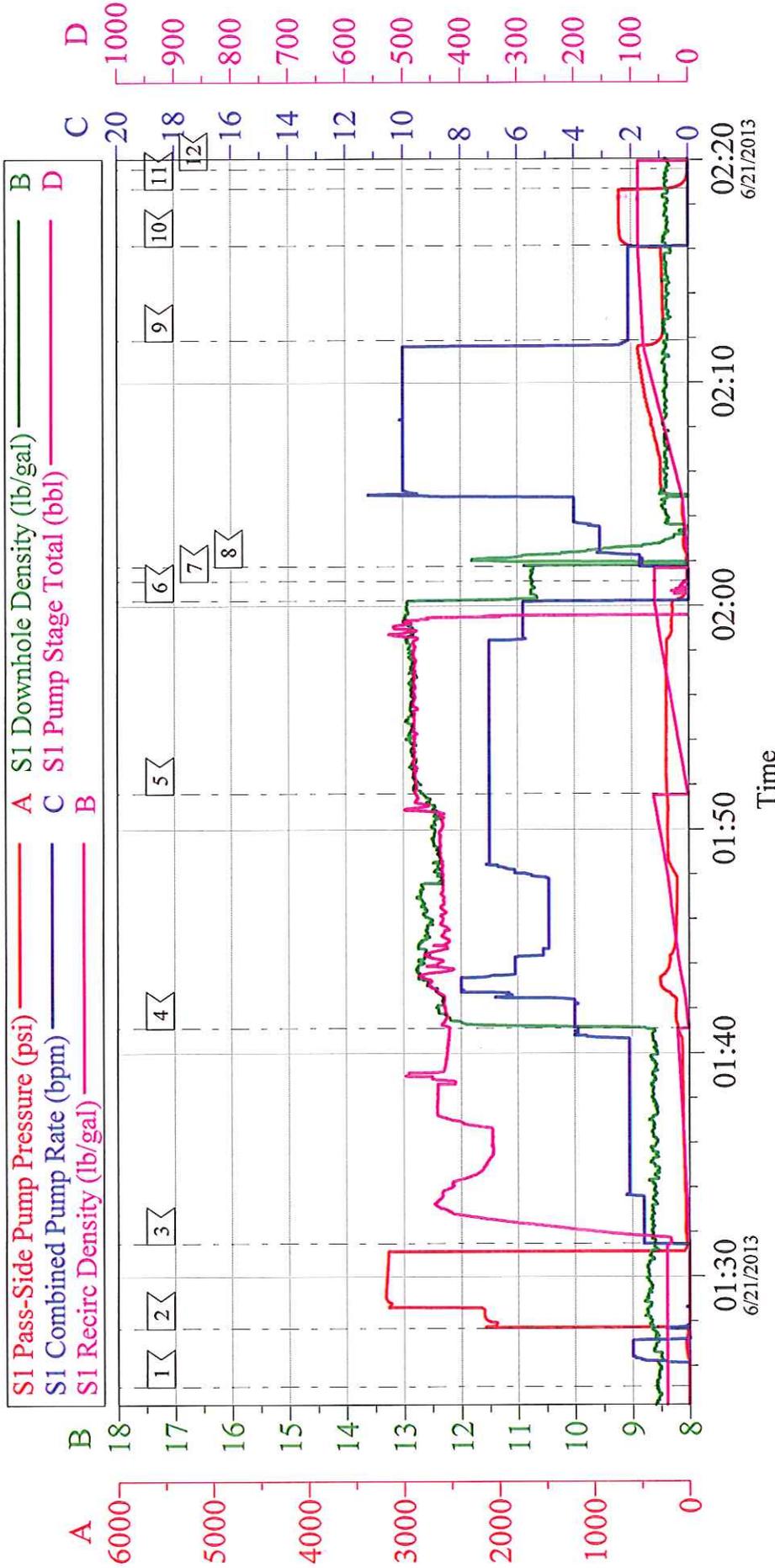
SUMMIT Version: 7.3.0081

Saturday, June 22, 2013 03:12:00

		#	Stage	Total	Tubing	Casing	
Pump Lead Cement	06/21/2013 01:41	8	67.8			136.0	160 SKS @ 12.3 PPG 2.38 YLD 13.75 GAL/SK H2O
Pump Tail Cement	06/21/2013 01:51	8	61.1			224.0	160 SKS @ 12.8 PPG 2.11 YLD 11.75 GAL/SK H2O
Shutdown	06/21/2013 02:00						
Drop Plug	06/21/2013 02:01						WASH UP ON TOP OF PLUG
Pump Displacement	06/21/2013 02:01	10		87.7		376.0	FRESH H2O DISPLACEMENT
Slow Rate	06/21/2013 02:11	2	77			297.0	
Bump Plug	06/21/2013 02:16	2	87.7			722.0	PLUG BUMPED AT CALCULATED DISPLACEMENT
Check Floats	06/21/2013 02:18						FLOATS HELD.
End Job	06/21/2013 02:19						
Post-Job Safety Meeting (Pre Rig-Down)	06/21/2013 02:25						GOOD CIRCULATION THROUGHOUT JOB. PIPE WAS LEFT STATIC THROUGHOUT JOB. PLUG BUMPED AT CALCULATED DISPLACEMENT. FLOATS HELD. NO ADD HOURS CHARGED. 30 LBS SUGAR USED.
Rig-Down Equipment	06/21/2013 02:30						
Pre-Convoy Safety Meeting	06/21/2013 03:25						
Crew Leave Location	06/21/2013 03:30						THANK YOU FOR CHOOSING HALLIBURTON CEMENTING OF GRAND JUNCTION, COLORADO ANTHONY ANDREWS AND CREW

WPX - RWF 24-29

9 5/8" SURFACE



Intersection		Local Event Log		Intersection		SPPP					
1	START JOB	01:25:04	3.000	2	TEST LINES	01:27:41	19.08	3	PUMP SPACER	01:31:28	20.62
4	PUMP LEAD CEMENT	01:41:07	110.0	5	PUMP TAIL CEMENT	01:51:35	224.0	6	SHUTDOWN	02:00:13	143.0
7	DROP PLUG	02:01:06	8.000	8	PUMP DISPLACEMENT	02:01:46	8.560	9	SLOW RATE	02:11:54	297.6
10	BUMP PLUG	02:16:09	618.7	11	CHECK FLOATS	02:18:44	190.6	12	END JOB	02:19:36	3.000

Customer: WPX Job Date: 21-Jun-2013 Sales Order #: 900527353

Well Description: RWF 24-29 Job Type: SURFACE ADC Used: YES

Company Rep: RON TOWERS Cement Supervisor: ANTHONY ANDREWS Elite #: ADAM ANDERSON

OptiCem v6.4.10
21-Jun-13 02:48