

The Road to Excellence Starts with Safety

Sold To #: 300721		Ship To #: 2973714		Quote #:		Sales Order #: 900127088	
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS				Customer Rep: Oaks, Rick			
Well Name: RWF			Well #: 23-36			API/UWI #: 05-045-21485	
Field: RULISON		City (SAP): RIFLE		County/Parish: Garfield		State: Colorado	
Lat: N 39.482 deg. OR N 39 deg. 28 min. 56.395 secs.				Long: W 107.837 deg. OR W -108 deg. 9 min. 48.143 secs.			
Contractor: NABORS 576			Rig/Platform Name/Num: NABORS 576				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: MAYO, MARK			Srvc Supervisor: WYCKOFF, RYAN			MBU ID Emp #: 476117	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
LINN, PAUL Andrew	0.0	479143	WEAVER, CARLTON Russell	0.0	457698	WYCKOFF, RYAN Scott	0.0	476117

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10567589C	60 mile	10713212	60 mile	11360871	60 mile	11583932	60 mile
11808829	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL								

Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location			
Job depth MD	1135. ft		Job Depth TVD	1135. ft	Job Started	09 - Feb - 2013	21:29 MST
Water Depth			Wk Ht Above Floor	3. ft	Job Completed	09 - Feb - 2013	22:28 MST
Perforation Depth (MD)	From		To	Departed Loc			

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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Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		

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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
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Stage/Plug #: 1

HALLIBURTON**Cementing Job Summary**

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
1	Water Spacer		20.00	bbl	.	.0	.0	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.3	2.38	13.75		13.75
	13.75 Gal	FRESH WATER							
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75		11.75
4	Displacement		85.00	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe		Amount	0 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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Legal Description:			
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Job Purpose: Cement Surface Casing	Ticket Amount:		
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: MAYO, MARK	Srv Supervisor: WYCKOFF, RYAN	MBU ID Emp #: 476117	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/09/2013 12:00							ELITE # 3
Pre-Convoy Safety Meeting	02/09/2013 14:00							ALL HES EMPLOYEES
Arrive At Loc	02/09/2013 17:00							ARRIVE AT LOCATION AT 17:00, RIG WAS PULLING DRILL PIPE OUT OF HOLE, WAITED OFF LOCATION UNTIL CASING WAS ON BOTTOM.
Assessment Of Location Safety Meeting	02/09/2013 17:15							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	02/09/2013 20:00							ALL HES EMPLOYEES
Rig-Up Equipment	02/09/2013 20:30							1 HT 400 PUMP TRUCK (ELITE), 1-660 BULK TRUCK, 1 F-550 PICKUP
Pre-Job Safety Meeting	02/09/2013 21:00							ALL HES EMPLOYEES AND RIG CREW
Rig-Up Completed	02/09/2013 21:15							
Start Job	02/09/2013 21:29							TD 1180', TP 1135', CSG 9 5/8" 32.3#, SHOE 44.05', OH 13 1/2", MUD 9.4 PPG
Pressure Test	02/09/2013 21:32					2973.0		PRESSURE TEST PUMPS AND LINES TO 3000 PSI
Pump Spacer	02/09/2013 21:36		4	20	20		164.0	PUMP 20 BBLS FRESH WATER SPACER
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

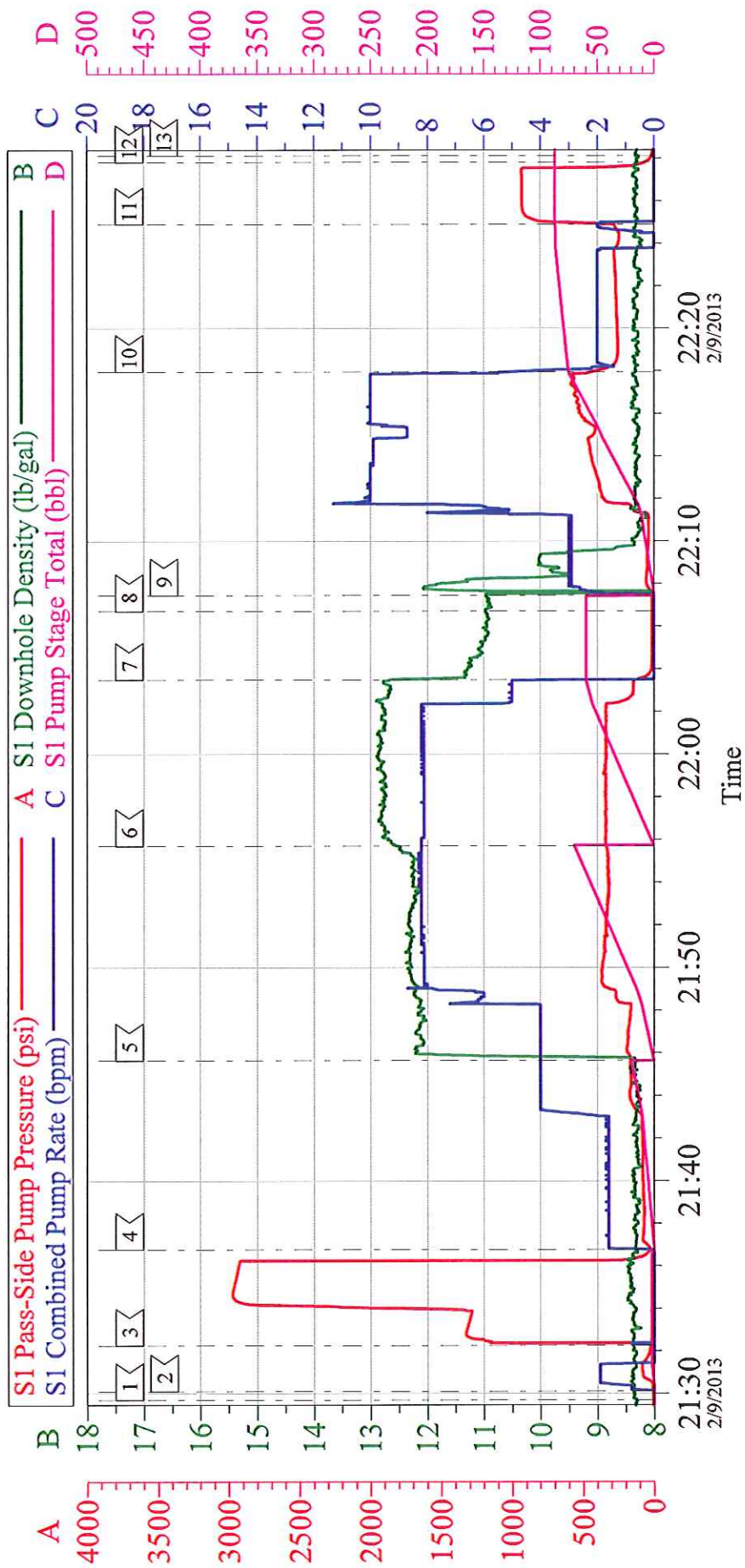
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SUMMIT Version: 7.3.0076

Saturday, February 16, 2013 03:16:00

Pump Lead Cement	02/09/2013 21:45		8	67.8	67.8		364.0	160 SKS, 12.3 PPG, 2.38 YIELD, 13.75 GAL/SK, WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT LEAD CEMENT
Pump Tail Cement	02/09/2013 21:55		8	60.1	60.1		340.0	160 SKS, 12.8 PPG, 2.11 YIELD, 11.75 GAL/SK, WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT
Shutdown	02/09/2013 22:03							
Drop Plug	02/09/2013 22:06							PLUG AWAY WITH NO ISSUES, WASH UP ON TOP OF PLUG AS PER COMPANY REP
Pump Displacement	02/09/2013 22:07		10	85.9	85.9		580.0	PUMP FRESH WATER DISPLACEMENT
Slow Rate	02/09/2013 22:17		2	75.9	75.9		280.0	SLOW RATE TO BUMP PLUG AS PER COMPAN REP
Bump Plug	02/09/2013 22:24		2	85.9	85.9		930.0	BUMP PLUG @ 280 PSI, PRESSURE UP TO 930 PSI, 25 BBLS OF CEMENT BACK TO SURFACE
Check Floats	02/09/2013 22:27							CHECK FLOATS, FLOATS HELD 3/4 BBLS BACK TO DISPLACEMENT TANK
End Job	02/09/2013 22:28							NO ADD HOURS, 20# SUGAR, NO DERRICK CHARGE
Pre-Rig Down Safety Meeting	02/09/2013 22:40							ALL HES EMPLOYEES
Rig-Down Equipment	02/09/2013 22:45							
Pre-Convoy Safety Meeting	02/09/2013 23:30							ALL HES EMPLOYEES
Crew Leave Location	02/09/2013 23:45							THANK YOU FOR USING HALLIBURTON CEMENT RYAN WYCKOFF AND CREW

WPX RWF 23-36 9 5/8" SURFACE

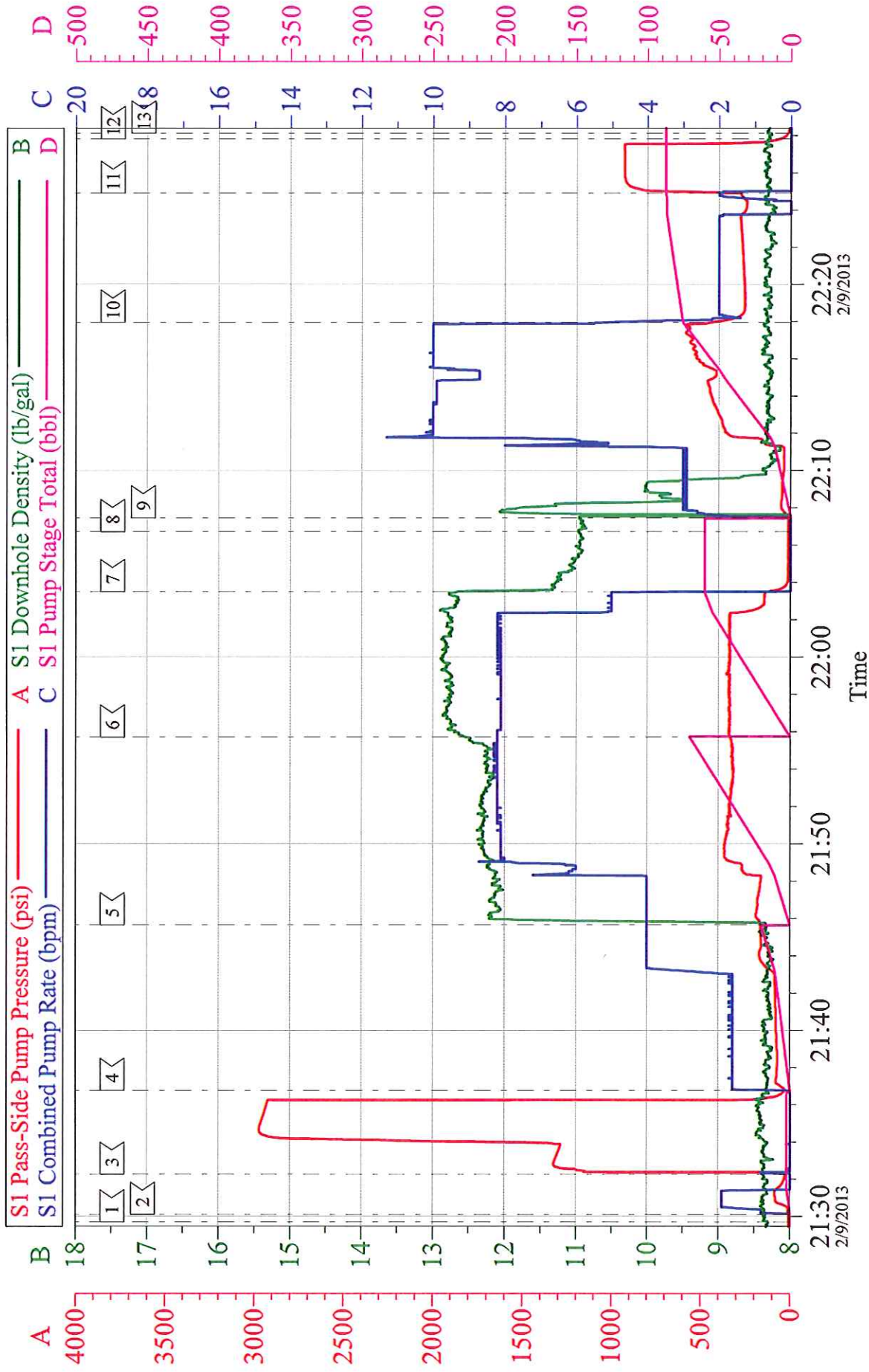


Local Event Log								
1	START JOB	21:29:41	2	FILL LINES	21:30:06	3	PRESSURE TEST	21:32:15
4	PUMP H2O SPACER	21:36:46	5	PUMP LEAD CEMENT	21:45:38	6	PUMP TAIL CEMENT	21:55:42
7	SHUTDOWN	22:03:29	8	DROP PLUG	22:06:42	9	PUMP H2O DISPLACEMENT	22:07:26
10	SLOW RATE	22:17:57	11	BUMP PLUG	22:24:54	12	CHECK FLOATS	22:27:50
13	END JOB	22:28:08						

Customer: WPX	Job Date: 09-Feb-2013	Sales Order #: 900127088
Well Description: RWF 23-36	Job Type: SURFACE	ADC Used: YES
Company Rep: AL HARTL	Cement Supervisor: RYAN WYCKOFF	Elite # 3: RUSTY WEAVER

OptiCem v6.4.10
09-Feb-13 22:41

WPX RWF 23-36 9 5/8" SURFACE



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