

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2972131	Quote #:	Sales Order #: 900107743
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Oaks, Rick	
Well Name: RWF		Well #: 323-36	API/UWI #: 05-045-21479
Field: RULISON	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Lat: N 39.482 deg. OR N 39 deg. 28 min. 56.46 secs.		Long: W 107.837 deg. OR W -108 deg. 9 min. 48.046 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 #
ANDERSON, ADAM S	0.0	456683	BANKS, BRENT A	0.0	371353	LINN, PAUL Andrew	0.0	479143
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
10616651C	60 mile	10867423	60 mile	11562538	60 mile	11583932	60 mile
11808827	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				Date	Time	Time Zone	
Formation Depth (MD)	Top	Bottom		Called Out			
Form Type		BHST		On Location			
Job depth MD	1131. ft	Job Depth TVD	1131. ft	Job Started	01 - Feb - 2013	22:14	MST
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	01 - Feb - 2013	23:07	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 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 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		87.00	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 @
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	02/01/2013 10:00							ELITE # 4
Pre-Convoy Safety Meeting	02/01/2013 12:30							ALL HES EMPLOYEES
Arrive At Loc	02/01/2013 14:45							ARRIVE AT LOCATION AT 14:45, RIG WAS PULLING OUT OF HOLE WITH DP, WAITED OFF LOCATION UNTIL CASING WAS ON BOTTOM
Assessment Of Location Safety Meeting	02/01/2013 15:00							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	02/01/2013 21:00							ALL HES EMPLOYEES
Rig-Up Equipment	02/01/2013 21:10							1 HT 400 PUMP TRUCK (ELITE), 1-660 BULK TRUCK, 1 F-550 PICKUP
Pre-Job Safety Meeting	02/01/2013 21:50							ALL HES EMPLOYEES AND RIG CREW
Rig-Up Completed	02/01/2013 22:00							
Start Job	02/01/2013 22:12							TD 1181', TP 1130.87', CSG 9 5/8" 32.3#, SHOE 44.23', OH 13 1/2", MUD 9.1 PPG
Pressure Test	02/01/2013 22:14					3365.0		PRESSURE TEST PUMPS AND LINES TO 3000 PSI, TEST GOOD
Pump Spacer	02/01/2013 22:19		4	20	20		114.0	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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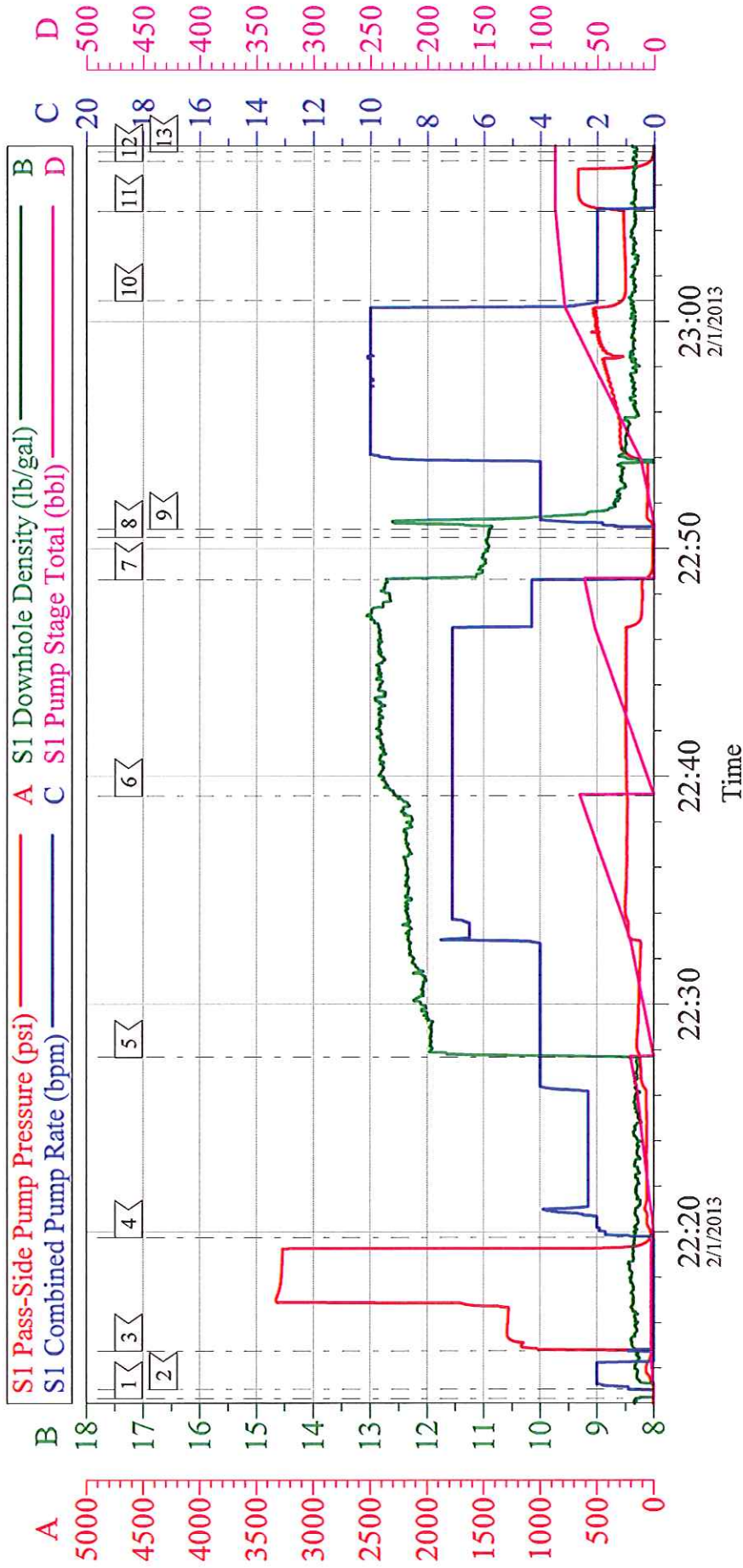
SUMMIT Version: 7.3.0076

Sunday, February 10, 2013 08:59:00

Cementing Job Log

Pump Lead Cement	02/01/2013 22:27		7	67.8	67.8		242.0	160 SKS, 12.3 PPG, 2.38 YIELD, 13.75 GAL/SK, WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT LEAD CEMENT
Pump Tail Cement	02/01/2013 22:39		7	60.1	60.1		236.0	160 SKS, 12.8 PPG, 2.11 YIELD, 11.75 GAL/SK, WEIGHT VERIFIED VIA MUD SCALES THROUGHTOUT TAIL CEMENT
Shutdown	02/01/2013 22:48							
Drop Plug	02/01/2013 22:50							PLUG AWAY WITH NO ISSUES, WASH UP ON TOP OF PLUG AS PER COMPANY REP
Pump Displacement	02/01/2013 22:50		10	87.7	87.7		515.0	PUMP FRESH WATER DISPLACMENT
Slow Rate	02/01/2013 23:00		2	77.7	77.7		253.0	SLOW RATE TO BUMP PLUG AS PER COMPANY REP
Bump Plug	02/01/2013 23:04		2	87.7	87.7		669.0	BUMP PLUG @ 353 PSI, PRESSURE UP TO 669 PSI, 21 BBLs OF CEMENT BACK TO SURFACE
Check Floats	02/01/2013 23:07							FLOATS HELD, .5 BBL BACK TO DISPLACEMENT TANK
End Job	02/01/2013 23:07							NO DERRICH CHARGE, NO ADD HOURS, 50# OF SUGAR
Pre-Rig Down Safety Meeting	02/01/2013 23:10							ALL HES EMPLOYEES
Rig-Down Equipment	02/01/2013 23:20							
Pre-Convoy Safety Meeting	02/02/2013 00:00							ALL HES EMPLOYEES
Crew Leave Location	02/02/2013 00:10							THANK YOU FOR USING HALLIBURTON CEMENT RYAN WYCKOFF AND CREW

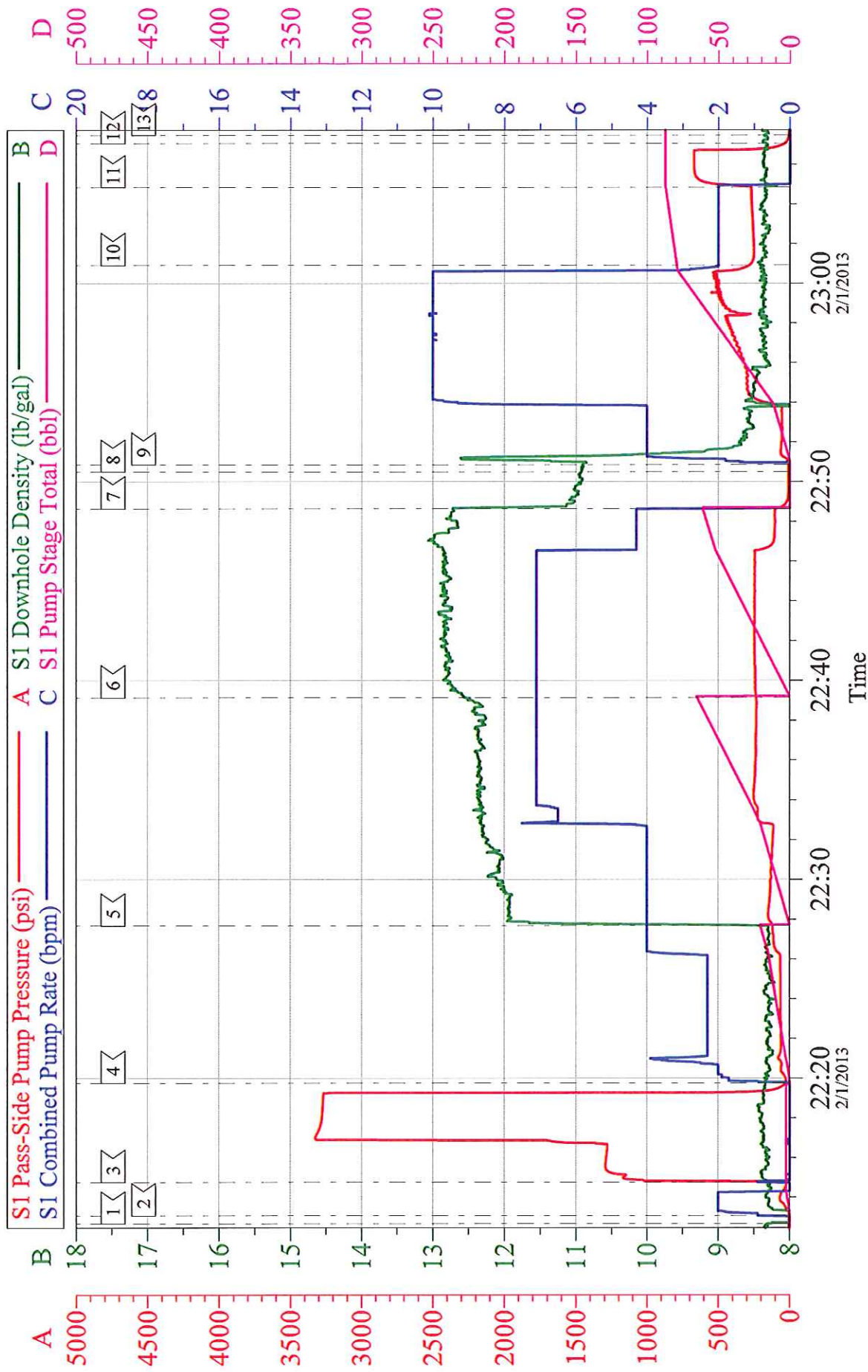
WPX RWF 323-36 9 5/8" SURFACE



Local Event Log								
1	START JOB	22:12:40	2	FILL LINES	22:13:05	3	PRESSURE TEST	22:14:46
4	PUMP H2O SPACER	22:19:46	5	PUMP LEAD CEMENT	22:27:40	6	PUMP TAIL CEMENT	22:39:08
7	SHUTDOWN	22:48:39	8	DROP PLUG	22:50:29	9	PUMP H2O DISPLACEMENT	22:50:51
10	SLOW RATE	23:00:55	11	BUMP PLUG	23:04:50	12	CHECK FLOATS	23:07:04
13	END JOB	23:07:28						

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Well Description: RWF 323-36	Job Type: SURFACE	ADC Used: YES
Company Rep: RICK OAKS	Cement Supervisor: RYAN WYCKOFF	Elite # 4: ANDREW LINN

WPX RWF 323-36 9 5/8" SURFACE



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