



Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2959567	Quote #:	Sales Order #: 9912558
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep:	
Well Name: RWF	Well #: 14-36	API/UWI #: 05-045-21482	
Field: RULISON	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Lat: N 39.482 deg. OR N 39 deg. 28 min. 56.118 secs.		Long: W 107.837 deg. OR W -108 deg. 9 min. 47.678 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		Srvs Supervisor: DEUSSEN, EDWARD	MBU ID Emp #: 485182

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANKS, BRENT A	7.5	371353	DEUSSEN, EDWARD Eric	7.5	485182	LINN, PAUL Andrew	7.5	479143
SIMINEO, JEROD M	7.5	479954						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10616651C	60 mile	10744549	60 mile	11259886	60 mile	11360863	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
11/18/12	7.5	3.5						

TOTAL	Total is the sum of each column separately	
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Job

Job Times

Formation Name						Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	18 - Nov - 2012	03:30	MST
Form Type			BHST		On Location	18 - Nov - 2012	07:30	MST
Job depth MD	1179.7 ft		Job Depth TVD	1179.7 ft	Job Started	18 - Nov - 2012	12:37	MST
Water Depth			Wk Ht Above Floor	5. ft	Job Completed	18 - Nov - 2012	13:36	MST
Perforation Depth (MD)	From		To		Departed Loc	18 - Nov - 2012	15:00	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
OPEN HOLE				13.5				.	1195.		
SURFACE CASING	Unknown		9.625	9.001	32.3		H-40	.	1185.7		

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	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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Spacer	FRESH WATER	20.00	bbl	.	.0	.0	4.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.3	2.38	13.75	7.0	13.75
		13.75 Gal FRESH WATER							
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75	7.0	11.75
4	Displacement	FRESH WATER	89.00	bbl	.	.0	.0	10.0	
Calculated Values		Pressures		Volumes					
Displacement	89.4	Shut In: Instant		Lost Returns		Cement Slurry	127.9	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	25	Actual Displacement	89.4	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	237.3
Rates									
Circulating		Mixing	7	Displacement	10	Avg. Job	8		
Cement Left In Pipe	Amount	44 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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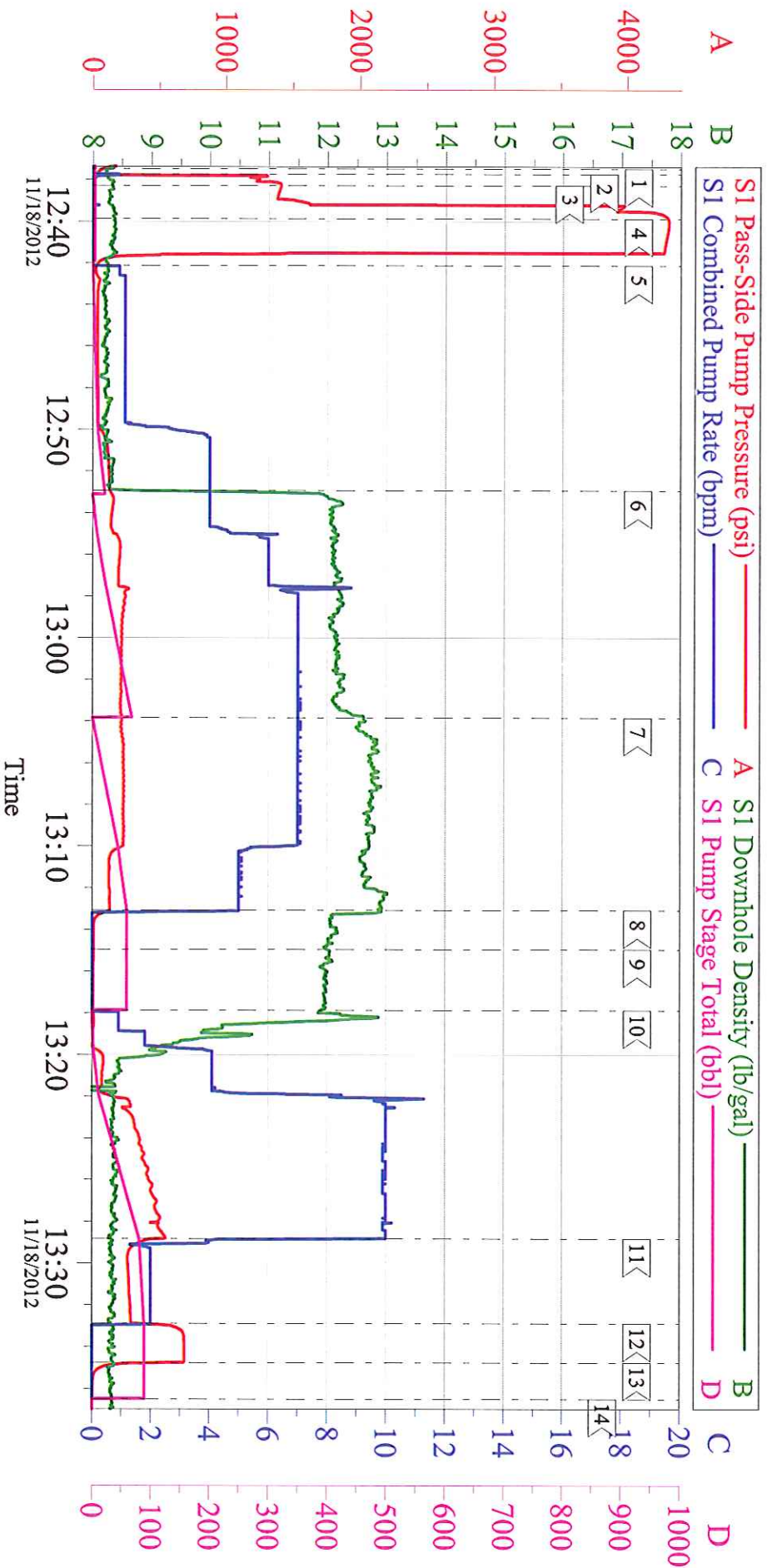
Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/18/2012 03:30							
Pre-Convoy Safety Meeting	11/18/2012 05:30							ALL HES PERSONNEL
Crew Leave Yard	11/18/2012 05:45							1 ELITE, 1 660, 1 PICKUP
Arrive At Loc	11/18/2012 07:30							RIG JUST STARTING TO RUN CASING
Assessment Of Location Safety Meeting	11/18/2012 07:45							
Pre-Rig Up Safety Meeting	11/18/2012 10:15							ALL HES PERSONNEL
Rig-Up Equipment	11/18/2012 10:30							1 HARD LINE TO FLOOR, 2 WATER LINES TO UPRIGHT AND DAY TANK, BULK HOSE TO 660
Pre-Job Safety Meeting	11/18/2012 12:15							ALL HES PERSONNEL AND RIG CREW
Start Job	11/18/2012 12:37	1						TD 1195', TP 1185.66', SJ 44', MW 10.3, OH 13 1/2", CSG 9 5/8", 32.3# H-40
Pump Water	11/18/2012 12:37	2	2	2			56.0	FILL LINES
Pressure Test	11/18/2012 12:39	4						PRESSURED UP TO 4280 PSI - PRESSURE HELD WELL
Pump Spacer 1	11/18/2012 12:42	5	4	20			120.0	FRESH WATER SPACER
Pump Lead Cement	11/18/2012 12:52	6	7	67.8			241.0	160 SKS, 12.3 PPG, 2.38 YIELD, 13.75 GAL/SK
Pump Tail Cement	11/18/2012 13:03	7	7	60.1			237.0	160 SKS, 12.8 PPG, 2.11 YIELD, 11.75 GAL/SK

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	11/18/2012 13:13	8						WASH UP ON TOP OF PLUG
Drop Top Plug	11/18/2012 13:14	9						
Pump Displacement	11/18/2012 13:17	10	10	89.4			548.0	FRESH WATER
Slow Rate	11/18/2012 13:28	11	2				270.0	
Bump Plug	11/18/2012 13:32	12					294.0	PRESSURED UP TP 702 PSI
Check Floats	11/18/2012 13:34	13						FLOATS HELD - GOT 1 BBL BACK
End Job	11/18/2012 13:36	14						GOT 25 BBLS CEMENT TO SURFACE / USED 30 LBS SUGAR - NO DERRICK CHARGE OR ADD HOURS
Post-Job Safety Meeting (Pre Rig-Down)	11/18/2012 13:45							ALL HES PERSONNEL
Rig-Down Equipment	11/18/2012 14:00							
Pre-Convoy Safety Meeting	11/18/2012 14:45							ALL HES PERSONNEL
Crew Leave Location	11/18/2012 15:00							THANK YOU FOR USING HALLIBURTON AND ED DEUSSEN AND CREW

WPX - RWF 14-36

9 5/8 SURFACE



Local Event Log

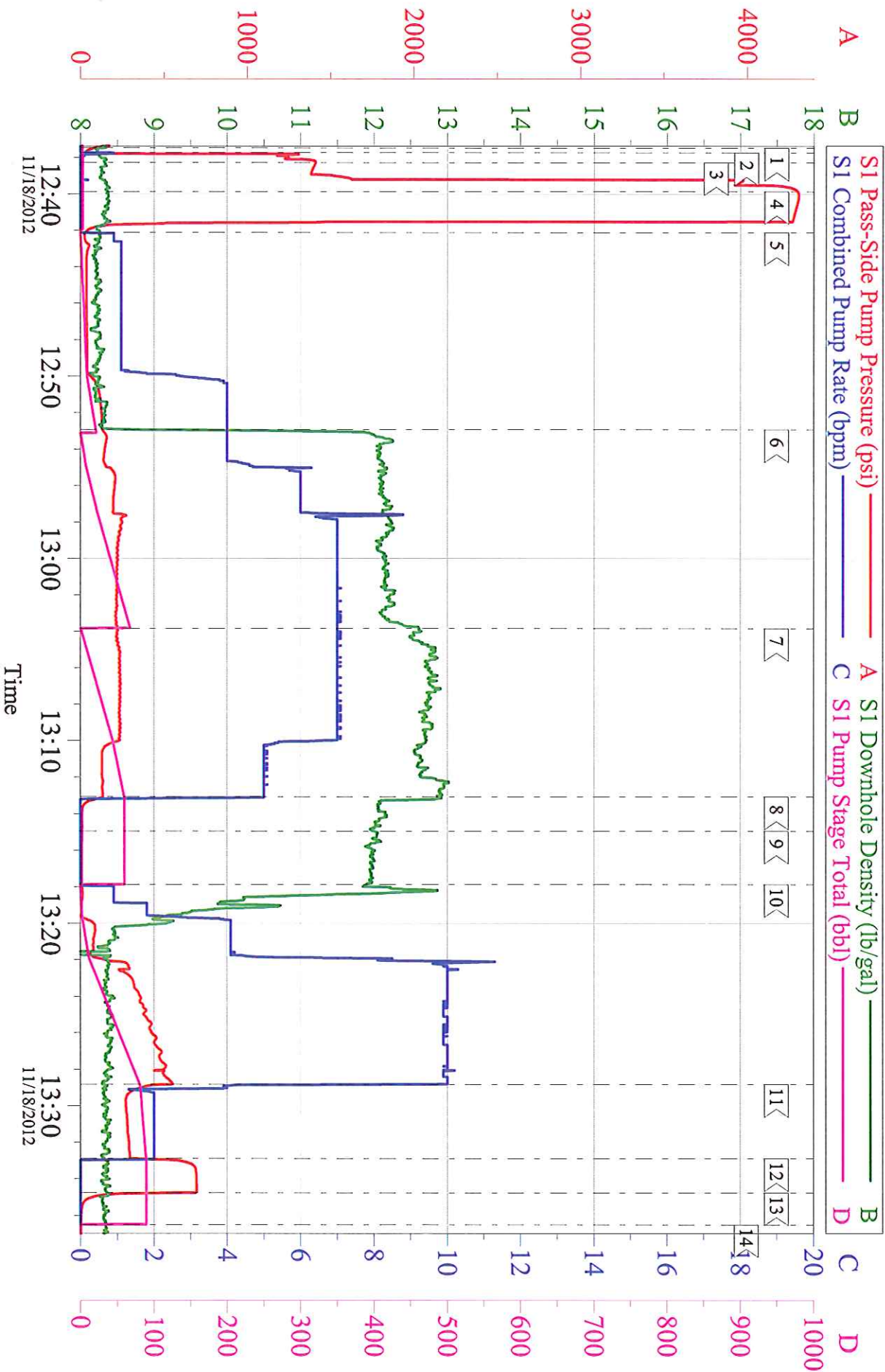
1 < START JOB	12:37:29	2 < FILL LINES	12:37:44	3 < 5TH GEAR STALL/OUT	12:38:16
4 < PRESSURE TEST	12:39:51	5 < PUMP H2O SPACER	12:42:07	6 < PUMP LEAD CEMENT	12:52:56
7 < PUMP TAIL CEMENT	13:03:50	8 < SHUTDOWN	13:13:04	9 < DROP TOP PLUG	13:14:56
10 < PUMP DISPLACEMENT	13:17:52	11 < SLOW RATE	13:28:50	12 < BUMP PLUG	13:32:54
13 < CHECK FLOATS	13:34:46	14 < END JOB	13:36:31		

Customer: WPX
Well Description: RWF 14-36
Company Rep: FRANK MOORE

Job Date: 18-Nov-2012
Job Type: SURFACE
Cement Supervisor: ED DEUSSEN

Sales Order #: 9912558
ADC Used: YES
Elite #: ANDREW LINN

WPX - RWF 14-36 9 5/8 SURFACE



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Well Description: RWF 14-36	Job Type: SURFACE	ADC Used: YES
Company Rep: FRANK MOORE	Cement Supervisor: ED DEUSSEN	Elite #: ANDREW LINN