

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2907846	Quote #:	Sales Order #: 9664458
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Customer Rep: Moore, Frank		
Well Name: RWF	Well #: 411-32	API/UWI #: 05-045-21060	
Field: RULISON	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Lat: N 39.486 deg. OR N 39 deg. 29 min. 8.527 secs.	Long: W 107.916 deg. OR W -108 deg. 5 min. 2.753 secs.		
Contractor: CYCLONE 17	Rig/Platform Name/Num: CYCLONE 17		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: MAYO, MARK	Srv Supervisor: SMITH, CHRISTOPHER	MBU ID Emp #: 452619	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CASTILLO, FRANCISCO P	7	513620	JENSEN, JESSE Robert	7	478774	SMITH, CHRISTOPHER Scott	7	452619

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10867094	60 mile	10872429	60 mile	10897925	60 mile	11259884	60 mile
11808847	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
7/24/2012	7	1						

TOTAL Total is the sum of each column separately

Job

Formation Name	Top	Bottom	Formation Depth (MD)	Job Depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
	0	1155		1155. m	. m				
Form Type		BHST							
Job depth MD									
Water Depth									
Perforation Depth (MD)									

Job Times

Date	Time	Time Zone
24 - Jul - 2012	13:00	MST
24 - Jul - 2012	16:00	MST
24 - Jul - 2012	18:56	MST
24 - Jul - 2012	19:47	MST
24 - Jul - 2012	21:00	MST

Well Data

Description	New / Used	Max pressure MPa	Size mm	ID mm	Weight kg/m	Thread	Grade	Top MD m	Bottom MD m	Top TVD m	Bottom TVD m
OPEN HOLE				13.5				.	1155.		
SURFACE	New		9.625	9.001	32.3		H-40	.	1143.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9.625	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	HES
Stage Tool										Centralizers	9.625	13	HES

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 kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne

Stage/Plug #: 1

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne
1	Fresh Water		20.00	bbl	8.33	.0	.0	4	
2	VersaCem Lead	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.3	2.38	13.75	8	13.75
	13.75 Gal	FRESH WATER							
3	VersaCem Tail	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75	8	11.75
	11.75 Gal	FRESH WATER							
4	Displacement Fluid		88.00	bbl	8.34	.0	.0	10	
Calculated Values		Pressures		Volumes					
Displacement	10	Shut In: Instant		Lost Returns	NONE	Cement Slurry	128	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns		Actual Displacement	88	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	236
Rates									
Circulating	RIG	Mixing	8	Displacement	10	Avg. Job	8.5		
Cement Left In Pipe	Amount	29 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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Contractor: CYCLONE 17	Rig/Platform Name/Num: CYCLONE 17		
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		MBU ID Emp #: 452619	
		Srv Supervisor: SMITH, CHRISTOPHER	

Activity Description	Date/Time	Cht #	Rate m3/min	Volume m3		Pressure MPa		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	07/24/2012 14:45							ALL HES PERSONEL
Crew Leave Yard	07/24/2012 15:00							
Arrive At Loc	07/24/2012 16:00							
Assessment Of Location Safety Meeting	07/24/2012 16:15							ALL HES PERSONEL
Rig-Up Equipment	07/24/2012 17:00							
Rig-Up Completed	07/24/2012 18:00							
Pre-Job Safety Meeting	07/24/2012 18:40							ALL HES PERSONEL AND RIG CREW
Start Job	07/24/2012 18:56							TD 1155', TP 1143', SJ 28.80', FC 1114.20', OH 13.5", CSG 9.625", 32.2#, H-40, MUD 10.4
Other	07/24/2012 18:57		2	2			27.0	FILL LINES
Other	07/24/2012 18:58		0.5	0.5				5TH GEAR STALL OUT PRESSURE HELD AT2360 PSI
Pressure Test	07/24/2012 18:59		0.5	0.5				ALL LINES HELD PRESSURE AT3970 PSI
Pump Spacer 1	07/24/2012 19:07		4	20			87.0	FRESH WATER
Pump Lead Cement	07/24/2012 19:10		8	68			202.0	160 SKS, 12.3PPG, 2.38 YIELD, 13.75 GPS, SET UP TIME 2:38 AT 70 BC
Pump Tail Cement	07/24/2012 19:21		8	60			240.0	160 SKS, 12.8 PPG, 2.11 FT3/ SK, 17.75 GAL/SK, SET UP TIME 1:51 @ 70 BC

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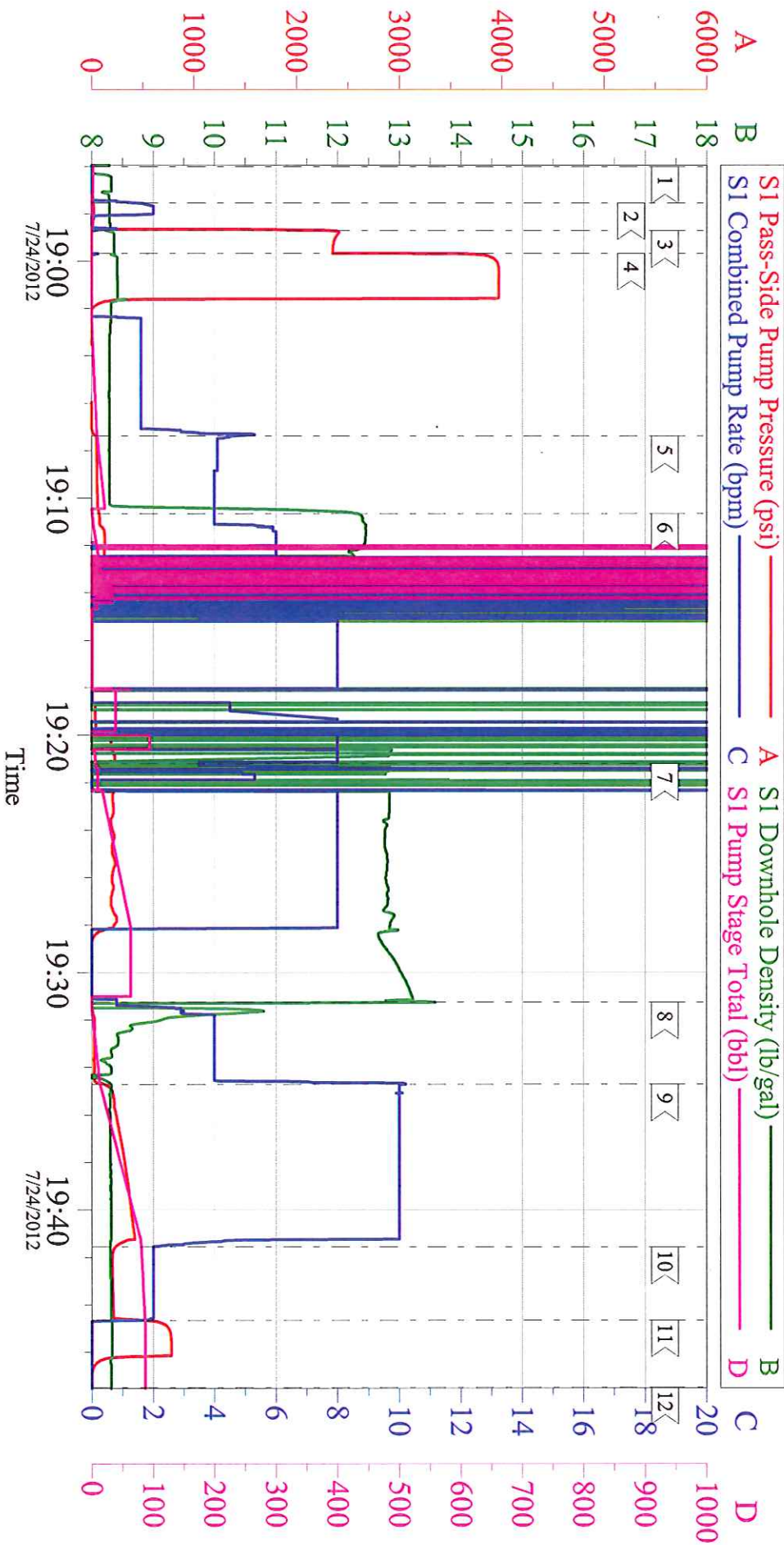
SUMMIT Version: 7.3.0039

Tuesday, August 07, 2012 09:49:00

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate m3/ min	Volume m3		Pressure MPa		Comments
				Stage	Total	Tubing	Casing	
Shutdown	07/24/2012 19:31							
Drop Top Plug	07/24/2012 19:34							
Pump Displacement	07/24/2012 19:34		10	77.6			420.0	FRESH WATER
Slow Rate	07/24/2012 19:41		2	10			220.0	
Bump Plug	07/24/2012 19:44			87.6			800	
Check Floats	07/24/2012 19:46							
End Job	07/24/2012 19:47							GOOD CIRCULATION THROUGH OUT JOB. CIRCULATED 28 BBLS OF CEMENT TO THE PIT. CASING WAS NOT MOVED DURING THE JOB.
Post-Job Safety Meeting (Pre Rig-Down)	07/24/2012 20:00							ALL HES PERSONEL
Rig-Down Completed	07/24/2012 20:45							
Depart Location Safety Meeting	07/24/2012 20:50							ALL HES PERSONEL
Crew Leave Location	07/24/2012 21:00							
Other	07/24/2012 21:00							THANK YOU FOR CHOOSING HALLIBURTON, KEVIN MILLER AND CREW

WPX - RWF 411-32 9.625" SURFACE



Local Event Log

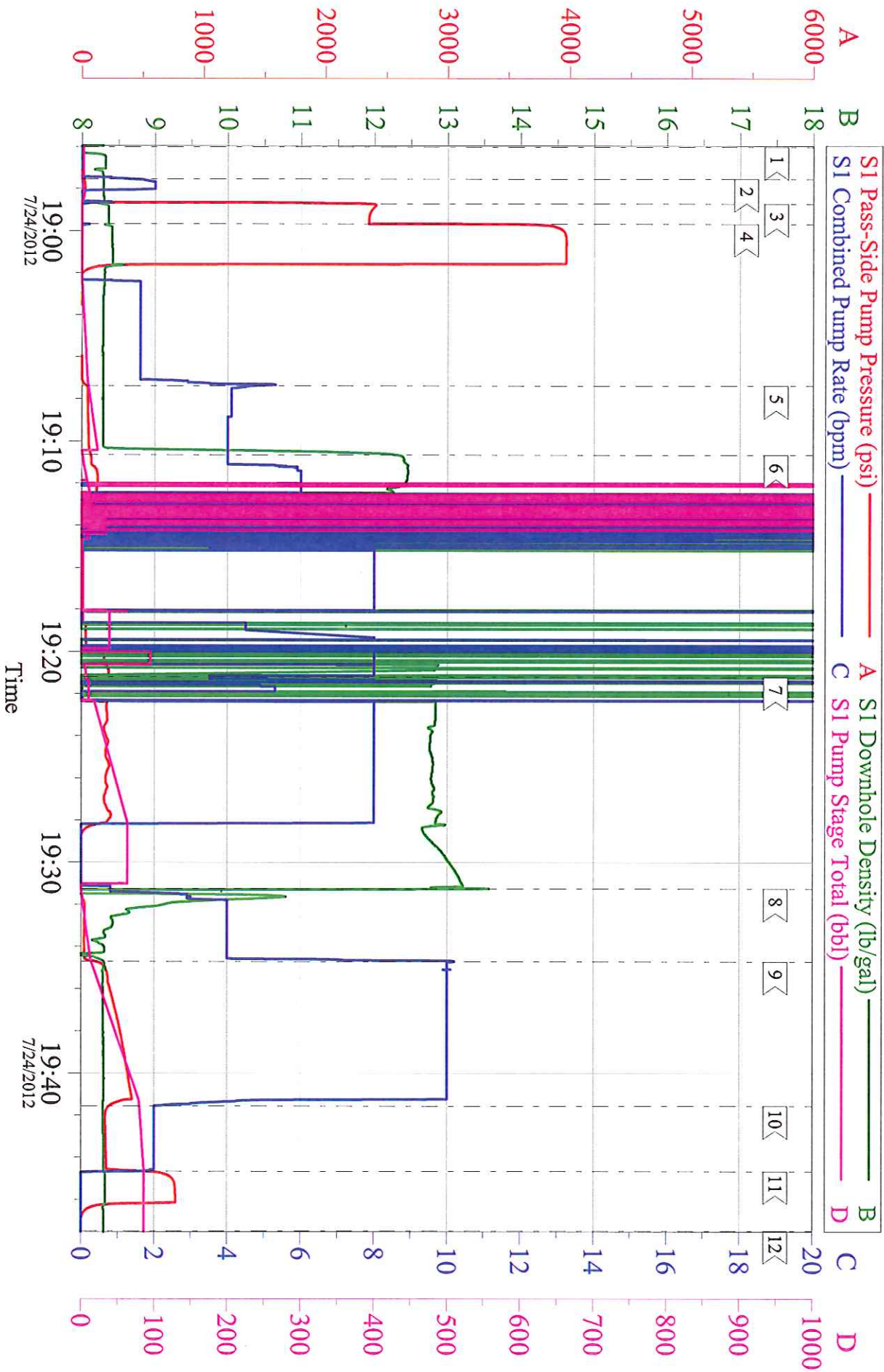
1 START JOB	18:56:01	2 FILL LINES	18:57:32	3 5TH GEAR STALL OUT	18:58:43
4 TEST LINES	18:59:40	5 H2O SPACER	19:07:23	6 LEAD SLURRY	19:10:39
7 TAIL SLURRY	19:21:13	8 SHUT DOWN	19:31:15	9 DISPLACEMENT	19:34:43
10 SLOW RATE	19:41:34	11 BUMP PLUG	19:44:39	12 END JOB	19:47:30

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS
Well Description: RWF 411-32
Company Rep: FRANK MOORE

Job Date: 24-Jul-2012
Job Type: SURFACE
Cement Supervisor: C.SMITH

Sales Order #: 9664458
ADC Used: YES
Elite #: C.SMITH

WPX - RWF 411-32 9.625" SURFACE



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Well Description:	RWF 411-32	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	FRANK MOORE	Cement Supervisor:	C.SMITH	Elite #7:	C.SMITH