

### The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 300721	Quote #:	Sales Order #: 9231989
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Customer Rep: Dunnick, Brian		
Well Name: RWF	Well #: 23-8	API/UWI #: 05-045-12816	
Field: RULISON	City (SAP): TULSA	County/Parish: Garfield	State: Colorado
Lat: N 39.537 deg. OR N 39 deg. 32 min. 14.762 secs.	Long: W 107.905 deg. OR W -108 deg. 5 min. 43.786 secs.		
Contractor: WORKOVER	Rig/Platform Name/Num: WORKOVER		
Job Purpose: Squeeze Perfs			
Well Type: Development Well	Job Type: Squeeze Perfs		
Sales Person: MAYO, MARK	Srv Supervisor: LEIST, JAMES	MBU ID Emp #: 362787	

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BLANCHETTE, JAMES George	4	371360	BLUST, CHARLES Thomas	4	386662	EICKHOFF, ROBERT Edward	4	495311
LEIST, JAMES R	4	362787	WALPOLE, DARREN Livingston	4	485294			

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025118	60 mile	10616651C	60 mile	11259882	60 mile	11360881	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
2-9-12	5	4						

TOTAL Total is the sum of each column separately

### Job

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	09 - Feb - 2012	03:00	MST
Form Type	BHST		Job Started	09 - Feb - 2012	07:00	MST
Job depth MD	7299. ft	Job Depth TVD	Job Completed	09 - Feb - 2012	09:03	MST
Water Depth		Wk Ht Above Floor	Departed Loc	09 - Feb - 2012	10:56	MST
Perforation Depth (MD)	From	To			11:30	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
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### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB		

### 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

## Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	FRESH WATER SPACER		5.00	bbl	8.33	.0	.0	1.5	
2	Tail Cement	SQUEEZECM (TM) SYSTEM (452971)	50.0	sacks	15.8	1.15	4.94	2	4.94
	4.94 Gal	FRESH WATER							
3	Displacement		24.00	bbl	8.33	.0	.0	2	
<b>Calculated Values</b>		<b>Pressures</b>		<b>Volumes</b>					
Displacement	24.5	Shut In: Instant		Lost Returns		Cement Slurry	10.2	Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
<b>Rates</b>									
Circulating		Mixing	2	Displacement	2	Avg. Job			2
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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Contractor: WORKOVER	Rig/Platform Name/Num: WORKOVER		
Job Purpose: Squeeze Perfs		Ticket Amount:	
Well Type: Development Well	Job Type: Squeeze Perfs		
Sales Person: MAYO, MARK	Srv Supervisor: LEIST, JAMES	MBU ID Emp #: 362787	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/09/2012 03:00							
Pre-Convoy Safety Meeting	02/09/2012 05:00							WITH ALL HES PERSONNEL
Arrive At Loc	02/09/2012 07:00							
Pre-Rig Up Safety Meeting	02/09/2012 07:15							WITH ALL ON HES PERSONNEL
Rig-Up Completed	02/09/2012 08:45							TUBING RAN TO 7299 2 3/8 4.7#, CASING IS 4.5 11.6#, TOP PERF-7138, LOWER PERF-7238
Pre-Job Safety Meeting	02/09/2012 08:50							WITH ALL ON LOCATION PERSONNEL
Start Job	02/09/2012 09:03							SET 658 FT. PLUG AT 7299 FT.
Pressure Test	02/09/2012 09:06							5937 PSI
Pump Spacer	02/09/2012 09:19		1	5		213.0		FRESH WATER PUMP UNTILL WE GAIN RETURNS
Pump Tail Cement	02/09/2012 09:23		2	10.1		45.0		50 SKS, 15.8 PPG, 1.15 FT3/SK, 4.94 GAL/SK
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

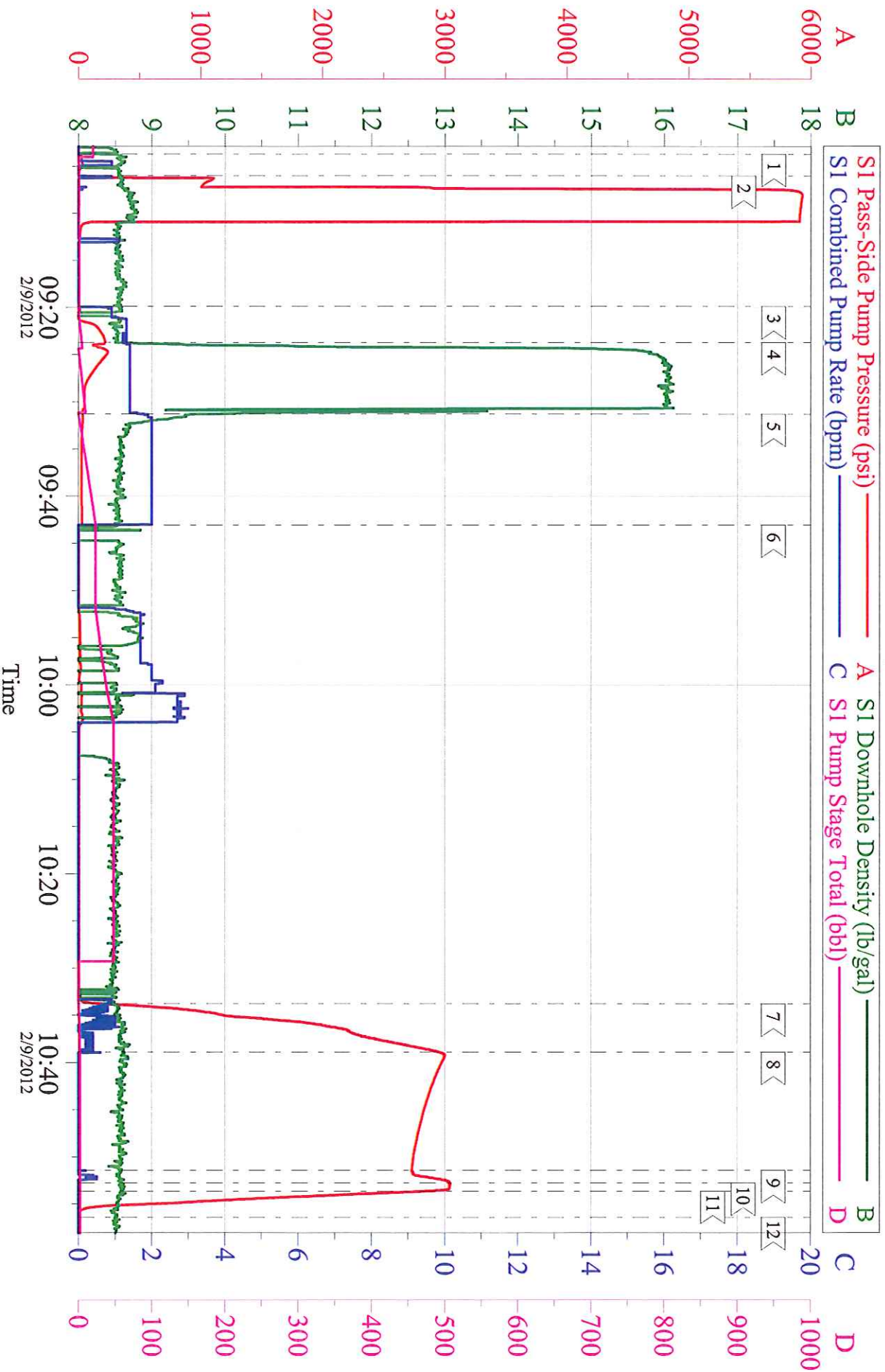
## Cementing Job Log

Pump Displacement	02/09/2012 09:31		2	24.4		25.0		FRESH WATER, PUMPED DISPLACEMENT THEN OPENED RELEASE TO CHECK FOR PSI OR SUCTION THERE WAS NEITHER AT THIS POINT RIG PULLED TUBING ABOVE PLUG AND REVIRSED OUT 2 VOLUMES THROUGH THERE IRON .5 BBL CMT BACK
Shutdown	02/09/2012 09:43							TO ALLOW RIG TO PULL TUBING
Pressure Up Well	02/09/2012 10:33		1	1		3000. 0		
Shutdown	02/09/2012 10:38							
Pressure Up Well	02/09/2012 10:51		1	0.4		3000. 0		
Shutdown	02/09/2012 10:52							
End Job	02/09/2012 10:56							
Pre-Rig Down Safety Meeting	02/09/2012 11:00							WITH ALL HES PERSONNEL
Rig-Down Completed	02/09/2012 11:30							
Pre-Convoy Safety Meeting	02/09/2012 11:45							WITH ALL HES PERSONNEL
Comment	02/09/2012 11:45							THANKYOU FOR USING HALLIBURTON CEMENT, JAMES LEIST AND CREW





# WPX ENERGY RWF 23-8 SQUEEZE



Customer:	WPX ENERGY	Job Date:	09-Feb-2012	Sales Order #:	9231989
Well Description:	RWF 23-8	Job Type:	SQUEEZE	ADC Used:	YES
Company Rep:	BRIAN DUNNICK	Cement Supervisor:	JAMES LEIST	ELITE # 4	ROB EICKHOFF