

## The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2593084	Quote #:	Sales Order #: 9124109
Customer: WILLIAMS PRODUCTION RMT INC - EBUS	Customer Rep: Dunnick, Brian		
Well Name: RWF	Well #: 411-9	API/UWI #: 05-045-12802	
Field: Rulison	City (SAP): Rulison	County/Parish: Garfield	State: Colorado
Lat: N 39.539 deg. OR N 39 deg. 32 min. 21.365 secs.	Long: E 107.904 deg. OR E 107 deg. 54 min. 13.702 secs.		
Contractor: WORKOVER	Rig/Platform Name/Num: WORKOVER		
Job Purpose: Squeeze Perfs			
Well Type: Development Well	Job Type: Squeeze Perfs		
Sales Person: KOHL, KYLE	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 #
EICKHOFF, ROBERT Edward	3	495311	LEIST, JAMES R	3	362787	SALAZAR, PAUL Omar	3	445614

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248065	60 mile	10616651C	60 mile	10951248	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
12-22-11	3	2						

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	22 - Dec - 2011	05:00	MST
Form Type	BHST		Job Started	22 - Dec - 2011	12:00	MST
Job depth MD	7000. ft	Job Depth TVD	Job Completed	22 - Dec - 2011	13:12	MST
Water Depth		Wk Ht Above Floor	Departed Loc	22 - Dec - 2011	14:23	MST
Perforation Depth (MD)	From 4,810.00 ft	To 4,810.00 ft		22 - Dec - 2011	15:30	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
Perforation Interval								7090	7243	.	.

### 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	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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**HALLIBURTON*****Cementing Job Summary***

1	Water Spacer		15.00	bbl	8.33	.0	.0	2	
2	Tail Cement	SQUEEZECM (TM) SYSTEM (452971)	115.0	sacks	17.	.99	3.77	1	3.77
	3.77 Gal	FRESH WATER							
3	Displacement		28.00	bbl	8.33	.0	.0	1	
<b>Calculated Values</b>		<b>Pressures</b>		<b>Volumes</b>					
Displacement	28	Shut In: Instant		Lost Returns		Cement Slurry	20	Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	28	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
<b>Rates</b>									
Circulating		Mixing	1	Displacement	1	Avg. Job			1
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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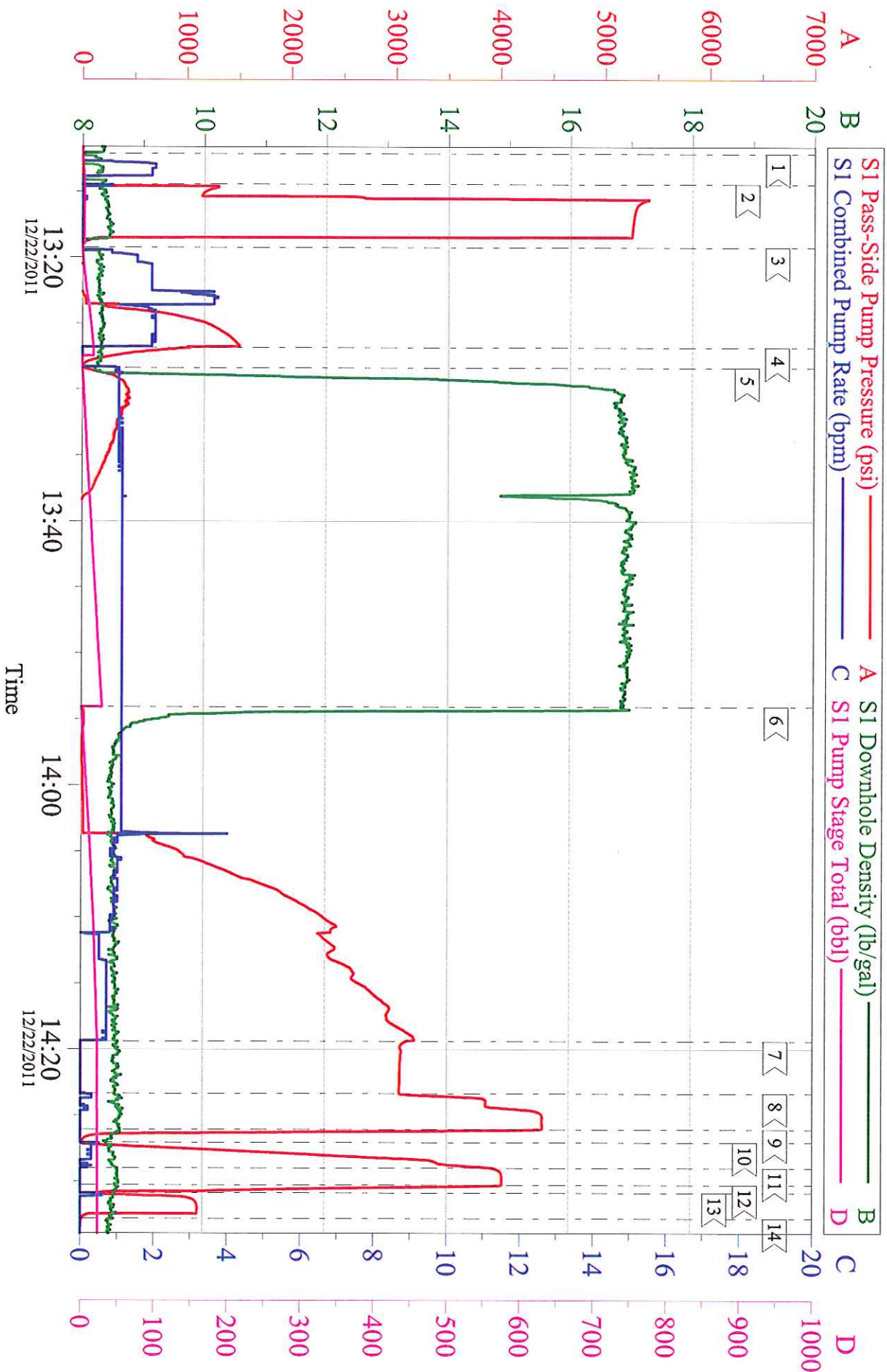
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Legal Description:							
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Contractor: WORKOVER			Rig/Platform Name/Num: WORKOVER				
Job Purpose: Squeeze Perfs					Ticket Amount:		
Well Type: Development Well			Job Type: Squeeze Perfs				
Sales Person: KOHL, KYLE			Srvc 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	12/22/2011 05:00							HELD BACK AT YARD DUE TO BAD ROADS AND SNOW IN TOWN LEFT YARD AT 1000
Pre-Convoy Safety Meeting	12/22/2011 09:30							WITH ALL HES PERSONNEL
Arrive At Loc	12/22/2011 12:00							
Pre-Rig Up Safety Meeting	12/22/2011 12:15							WITH ALL ON HES PERSONNEL
Rig-Up Completed	12/22/2011 13:00							RIG HELD 1000 PSI ON BACK SIDE DURING JOB
Pre-Job Safety Meeting	12/22/2011 13:04							WITH ALL ON LOCATION PERSONNEL
Start Job	12/22/2011 13:12							TP-700 PSI 2 3/8 4.7, PERF-7090-7243, CASING- 4.5, 11.6 P- 110, B.P.-7328, SAND FILL TO 7257
Pressure Test	12/22/2011 13:14							5257 PSI
Injection Test	12/22/2011 13:19		2	15			1470. 0	FRESH WATER
ISIP	12/22/2011 13:26						1025. 0	
Pump Tail Cement	12/22/2011 13:28		1	26			.0	115 SKS, 17 PPG, .99 FT3/SK, 3.77 GAL/SK
Pump Displacement	12/22/2011 13:54		1	28			3160. 0	FRESH WATER, WELL WAS ON A VAC. UNTILL 13.5 GONE, DROPED DOWN TO .5 BPM AT 22 GONE
Shutdown	12/22/2011 14:19						3160. 0	HESITATE FOR 5 MINS RELEASED PSI

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	12/22/2011 14:23		0.5				4400.0	FRESH WATER
Shutdown	12/22/2011 14:23						4020.0	HESITATE FOR 3 MIN. RELEASED PSI
Pump Displacement	12/22/2011 14:27		0.5				.0	FRESH WATER
Shutdown	12/22/2011 14:30							HESITATE FOR 1 MIN. RELEASED PSI PRESSURED UP TO 1000 RIG REVIRSED OUT
End Job	12/22/2011 14:32							
Pre-Rig Down Safety Meeting	12/22/2011 14:35							WITH ALL HES PERSONNEL
Rig-Down Completed	12/22/2011 15:00							
Pre-Convoy Safety Meeting	12/22/2011 15:30							WITH ALL HES PERSONNEL
Comment	12/22/2011 15:30							THANKYOU FOR USING HALLIBURTON CEMENT, JAMES LEIST AND CREW

# WILLIAMS PRODUCTION RWF 411-9 SQUEEZE



Customer:	WILLIAMS	Job Date:	22-Dec-2011	Sales Order #:	9124109
Well Description:	RWF 411-9	Job Type:	SQUEEZE	ADC Used:	YES
Company Rep:	BRIAN DUNNICK	Cement Supervisor:	JAMES LEIST	Elite #:	4
				PAUL SALAZAR	