

*The Road to Excellence Starts with Safety*

Sold To #: 300721	Ship To #: 2895777	Quote #:	Sales Order #: 9121580
Customer: WILLIAMS PRODUCTION RMT INC - EBUS	Customer Rep: Klatt, Brian		
Well Name: RWF	Well #: 341-36	API/UWI #: 05-045-20744	
Field: RULISON	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Lat: N 39.486 deg. OR N 39 deg. 29 min. 8.005 secs.	Long: W 107.835 deg. OR W -108 deg. 9 min. 52.366 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: SCOTT, KYLE	Srv Supervisor: JAMISON, PRICE	MBU ID Emp #: 229155	

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
COURTNEY, TREVOR	4	509351	JAMISON, PRICE W	4	229155	PHILLIPS, MARK Bejar	4	445272
WILKERSON, JAMES Michael	4	496763						

**Equipment**

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10533645	60 mile	10551730C	60 mile	10973571	60 mile	11139328	60 mile
11583934	60 mile						

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12/27/11	4	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	27 - Dec - 2011	06:00	MST
Form Type	BHST		Job Started	27 - Dec - 2011	12:00	MST
Job depth MD	1151. ft	Job Depth TVD	Job Started	27 - Dec - 2011	13:59	MST
Water Depth		Wk Ht Above Floor	Job Completed	27 - Dec - 2011	14:47	MST
Perforation Depth (MD)	From	To	Departed Loc	27 - Dec - 2011	16:00	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				.	1165.	.	1165.
SURFACE CASING	Unknown		9.625	9.001	32.3		H-40	.	1151.	.	1151.

**Sales/Rental/3<sup>rd</sup> 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
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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		20.00	bbl	8.4	.0	.0	6.0	
2	VersaCem Lead	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.3	2.38	13.75	8.0	13.75
	13.75 Gal	FRESH WATER							
3	VersaCem Tail	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75	8.0	11.75
	11.75 Gal	FRESH WATER							
4	Displacement Fluid		87.4	bbl	8.4	.0	.0	10.0	
<b>Calculated Values</b>		<b>Pressures</b>		<b>Volumes</b>					
Displacement	87.4	Shut In: Instant		Lost Returns	NO	Cement Slurry	127.9	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	11	Actual Displacement	87.4	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	234
<b>Rates</b>									
Circulating	RIG	Mixing	8	Displacement	10	Avg. Job	8		
Cement Left In Pipe	Amount	40.1 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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Job Purpose: Cement Surface Casing	Ticket Amount:		
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: SCOTT, KYLE	Srv Supervisor: JAMISON, PRICE	MBU ID Emp #: 229155	

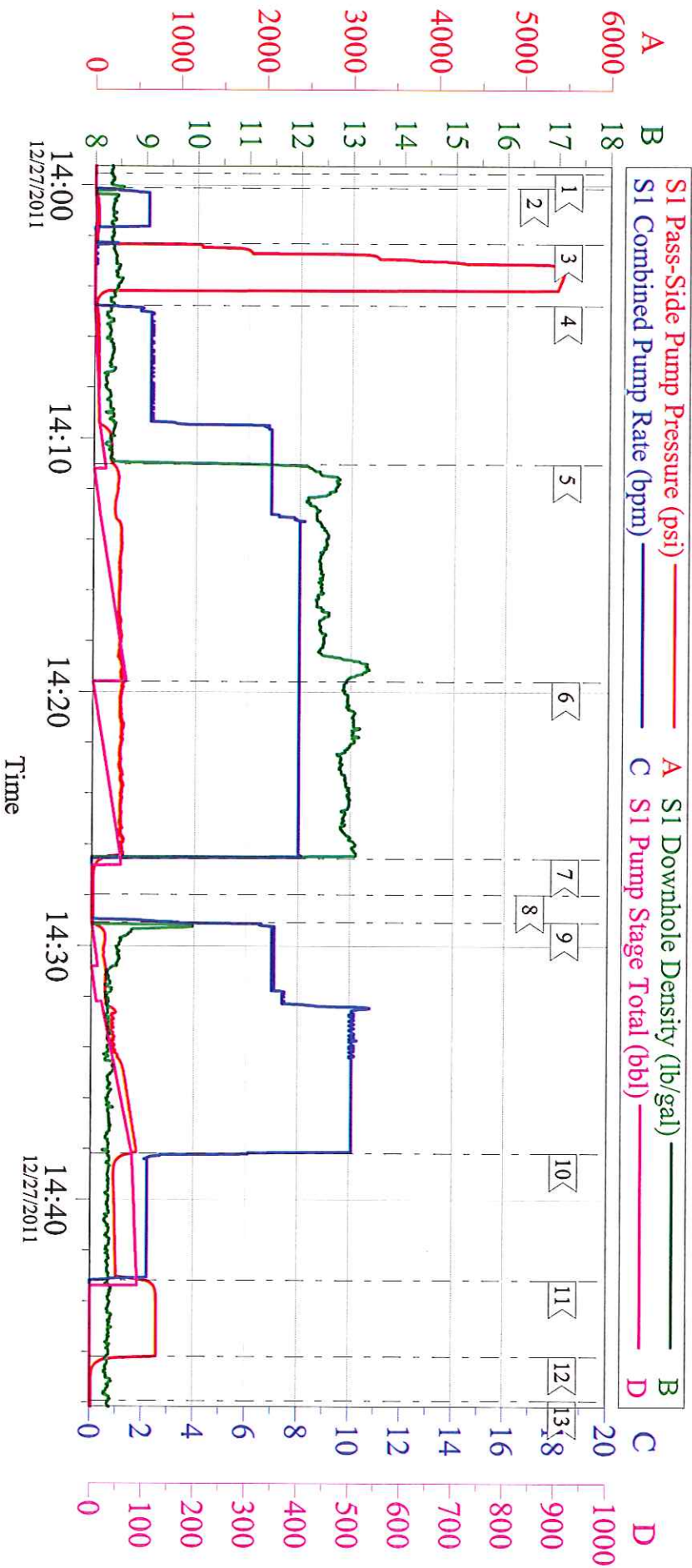
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/27/2011 06:00							TD 1165 HOLE SIZE 13.5 TP 1151 CASING 9.625 32.3 # H-40 SHOE JOINT 40.10 MUD 9.6
Depart Yard Safety Meeting	12/27/2011 09:20							
Crew Leave Yard	12/27/2011 10:00							
Arrive At Loc	12/27/2011 12:00							
Assessment Of Location Safety Meeting	12/27/2011 12:20							
Pre-Rig Up Safety Meeting	12/27/2011 12:30							
Pre-Job Safety Meeting	12/27/2011 13:30							
Start Job	12/27/2011 13:59							
Prime Pumps	12/27/2011 14:00		2	2			40.0	FRESH WATER
Test Lines	12/27/2011 14:02						5000.0	
Pump Spacer 1	12/27/2011 14:04		7	20			200.0	FRESH WATER
Pump Lead Cement	12/27/2011 14:11		8	67.8			300.0	MIXED @ 12.3 PPG YIELD 2.38 WAT/REQ 13.75 160 SKS
Pump Tail Cement	12/27/2011 14:19		8	60.1			340.0	MIXED @ 12.8 PPG YIELD 2.11 WAT/REQ 11.75 160 SKS
Shutdown	12/27/2011 14:26							
Drop Plug	12/27/2011 14:27							

***Cementing Job Log***

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	12/27/2011 14:29		10					FRESH WATER
Slow Rate	12/27/2011 14:38		2	77			510.0	
Bump Plug	12/27/2011 14:43		2	87.4			300.0	PRESSURE UP TO 771 PSI
Check Floats	12/27/2011 14:46							FLOATS HELD
End Job	12/27/2011 14:47							CEMENT BACK TO SURFACE 11 BBLS
Post-Job Safety Meeting (Pre Rig-Down)	12/27/2011 14:55							GOOD CIRCULATION THROUGHOUT JOB
Depart Location Safety Meeting	12/27/2011 15:50							CASING WAS NOT MOVED THROUGHOUT JOB
Crew Leave Location	12/27/2011 16:00							THANKS FOR USING HALLIBURTON BILL JAMISON & CREW

# WILLIAMS RWF 341-36

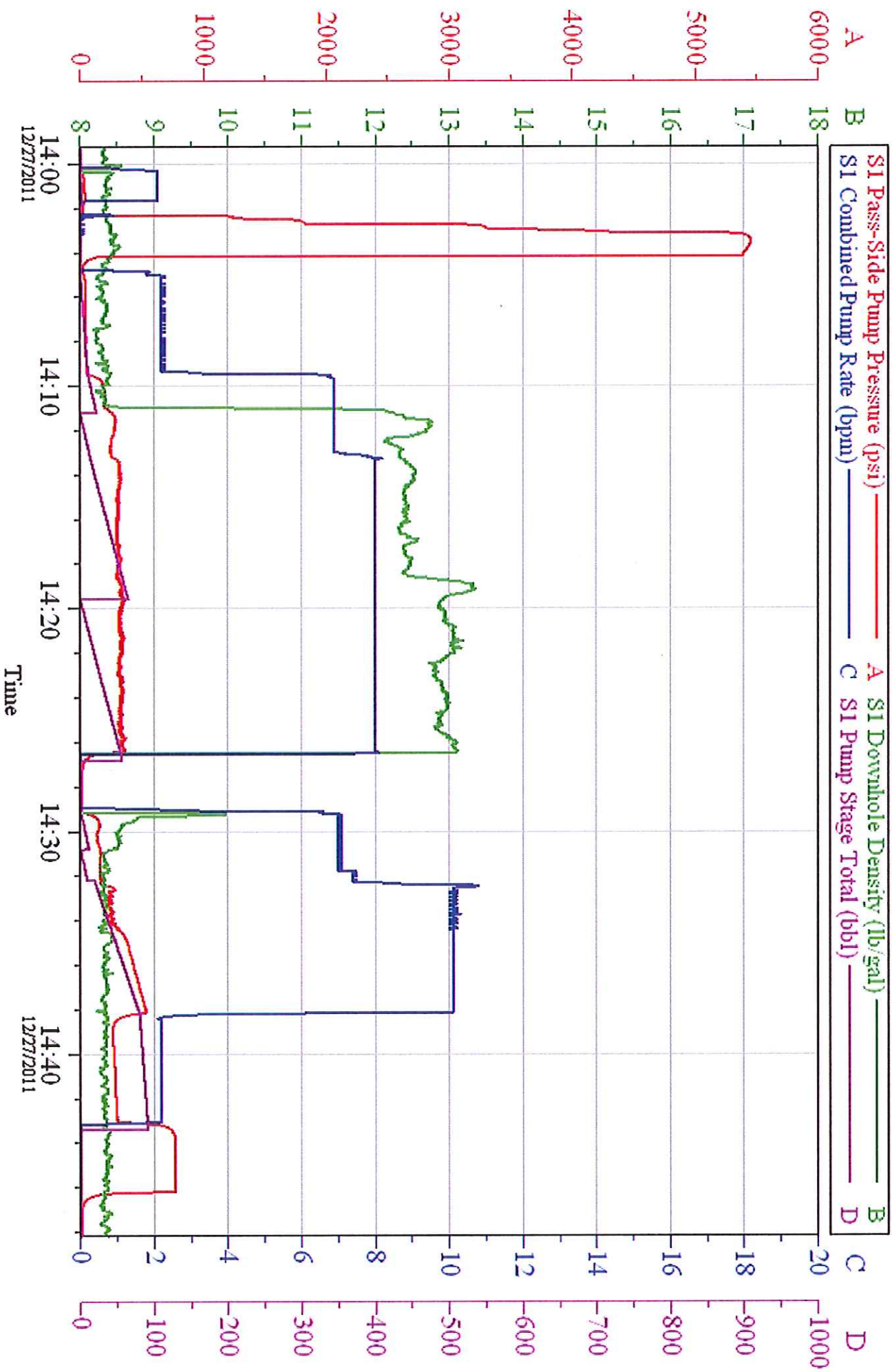
## 9.625 SURFACE CASING



Customer: WILLIAMS	Job Date: 27-Dec-2011	Sales Order #: 9121580
Well Description: RWF 341-36	Job Type: CEMENT	ADC Used: YES
Company Rep: BRIAN KLATT	Cement Supervisor: BILL JAMISON	Elite # 2 MARK PHILLIPS



# WILLIAMS RWF 341-36 9.625 SURFACE CASING



Customer: WILLIAMS  
Well Description: RWF 341-36  
Company Rep: BRIAN KLATT

Job Date: 27-Dec-2011  
Job Type: CEMENT  
Cement Supervisor: BILL JAMISON

Sales Order #: 9121580  
ADC Used: YES  
Elite #: 2 MARK PHILLIPS