

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2891539	Quote #:	Sales Order #: 9069402
Customer: WILLIAMS PRODUCTION RMT INC - EBUS	Customer Rep: Nicholas, Larry		
Well Name: RWF	Well #: 333-31	API/UWI #: 05-045-19785	
Field: Rulison	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Lat: N 39.475 deg. OR N 39 deg. 28 min. 31.12 secs.	Long: W 107.929 deg. OR W -108 deg. 4 min. 14.502 secs.		
Contractor: NABORS 573	Rig/Platform Name/Num: NAB 573		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: MAYO, MARK	Srvc Supervisor: TRIPLETT, MICHEAL	MBU ID Emp #: 447908	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MOAT, RYAN C	7	489025	SINGLETON, AUSTIN W	7	487406	STILLSON, ERIC W	7	393789
TRIPLETT, MICHEAL Anthony	7	447908						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10297346	60 mile	10567589C	60 mile	10951246	60 mile	10995027	60 mile
11071559	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12/10/2011	7	1						

TOTAL Total is the sum of each column separately

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
				BHST	1120. ft	1120. ft				
							Wk Ht Above Floor			
							4. ft			

Job Times

Date	Time	Time Zone
10 - Dec - 2011	01:30	MST
10 - Dec - 2011	05:00	MST
10 - Dec - 2011	10:30	MST
10 - Apr - 2010	11:21	MST
10 - Dec - 2011	12:00	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
-------------	------------	-------------------	---------	-------	---------------	--------	-------	-----------	--------------	------------	---------------

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			
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 Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
Fluid #	Stage Type							

HALLIBURTON

Cementing Job Summary

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	Fresh Water		20.00	bbl	8.33			4.0	
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		88.00	bbl	8.34			10.0	
Calculated Values		Pressures		Volumes					
Displacement	88.1	Shut In: Instant		Lost Returns	0	Cement Slurry	127	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	14	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	235
Rates									
Circulating	16	Mixing	8	Displacement	10	Avg. Job	12		
Cement Left In Pipe	Amount 38 ft	Reason	Shoe Joint						
Frac Ring # 1 @	/D	Frac ring # 2 @	/D	Frac Ring # 3 @	/D	Frac Ring # 4 @	/D		
The Information Stated Herein Is Correct				Customer Representative Signature					

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2891539	Quote #:	Sales Order #: 9069402
Customer: WILLIAMS PRODUCTION RMT INC - EBUS	Customer Rep: Nicholas, Larry		
Well Name: RWF	Well #: 333-31	API/UWI #: 05-045-19785	
Field: Rulison	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.475 deg. OR N 39 deg. 28 min. 31.12 secs.		Long: W 107.929 deg. OR W -108 deg. 4 min. 14.502 secs.	
Contractor: NABORS 573	Rig/Platform Name/Num: NAB 573		
Job Purpose: Cement Surface Casing		Ticket Amount:	
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: MAYO, MARK	Srvc Supervisor: TRIPLETT, MICHEAL	MBU ID Emp #: 447908	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/10/2011 01:30							
Pre-Convoy Safety Meeting	12/10/2011 03:25							
Crew Leave Yard	12/10/2011 03:30							
Arrive At Loc	12/10/2011 05:00							RIG WAS JUST GETTING STSRTRD TO RUN CASING
Assessment Of Location Safety Meeting	12/10/2011 05:05							
Other	12/10/2011 09:20							SPOT EQUIPMENT, 1 RCM PUMP TRUCK, 1 660
Pre-Rig Up Safety Meeting	12/10/2011 09:30							GO OVER JSA AND HAVE CREW SIGN.
Rig-Up Equipment	12/10/2011 09:35							
Pre-Job Safety Meeting	12/10/2011 10:15							GO OVER JOB PROCEDURES AND SAFETY INFORMATION.
Start Job	12/10/2011 10:28							TD:3338, TP:3307, SJ:42.92, MW:9.1, CASING: 9.625 40#, OH: 14.75, OFFLINE CEMENT JOB
Other	12/10/2011 10:29		2	2			34.0	FILL LINES
Test Lines	12/10/2011 10:30						2500	PRESSURE TEST PUMPS AND LINES. STARTED 2650 PSI, ENDED AT 2620 PSI AND LOST 30 PSI IN THREE MINUTES.
Pump Spacer 2	12/10/2011 10:34		4	20			54.0	FRESH WATER

Sold To #: 300721

Ship To #: 2891539

Quote #:

Sales Order #:

9069402

SUMMIT Version: 7.2.27

Tuesday, December 13, 2011 04:13:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	12/10/2011 10:42		8	67.8			310.0	160 SACKS MIXED @ 12.3 PPG, 2.38 YIELD, 13.75 GALS/SACK
Pump Tail Cement	12/10/2011 10:51		8	60.1			335.0	160 SACKS MIXED @ 12.8 2.11 YIELD, 11.75 GALS/SACK.
Shutdown	12/10/2011 10:59							
Drop Top Plug	12/10/2011 11:03							VERIFY PLUG LEFT
Pump Displacement	12/10/2011 11:04		10	88.1			540.0	FRESHWATER, WASHED UP ON TOP OF PLUG PER COMPANY REP.
Slow Rate	12/10/2011 11:14		2	78.1			255.0	SLOWED RATE LAST 10BBLs OF DISPLACEMENT
Bump Plug	12/10/2011 11:18			88.1			300.0	BUMP PLUG AND WENT 500PSI OVER.
Check Floats	12/10/2011 11:20							FLOATS HELD
End Job	12/10/2011 11:21							HAD GOOD CIRCULATION THROUGHOUT JOB, GOT CEMENT BACK WITH 74 BBLS GONE ON DISPLACEMENT. GOT 14 BBLS OF CEMENT TO SURFACE. 100#'S OF SUGAR USED.
Post-Job Safety Meeting (Pre Rig-Down)	12/10/2011 11:25							
Rig-Down Equipment	12/10/2011 11:30							
Pre-Convoy Safety Meeting	12/10/2011 11:55							
Crew Leave Location	12/10/2011 12:00							THANKS FOR USING HALLIBURTON MIKE TRIPLETT AND CREW

Sold To # : 300721

Ship To # :2891539

Quote # :

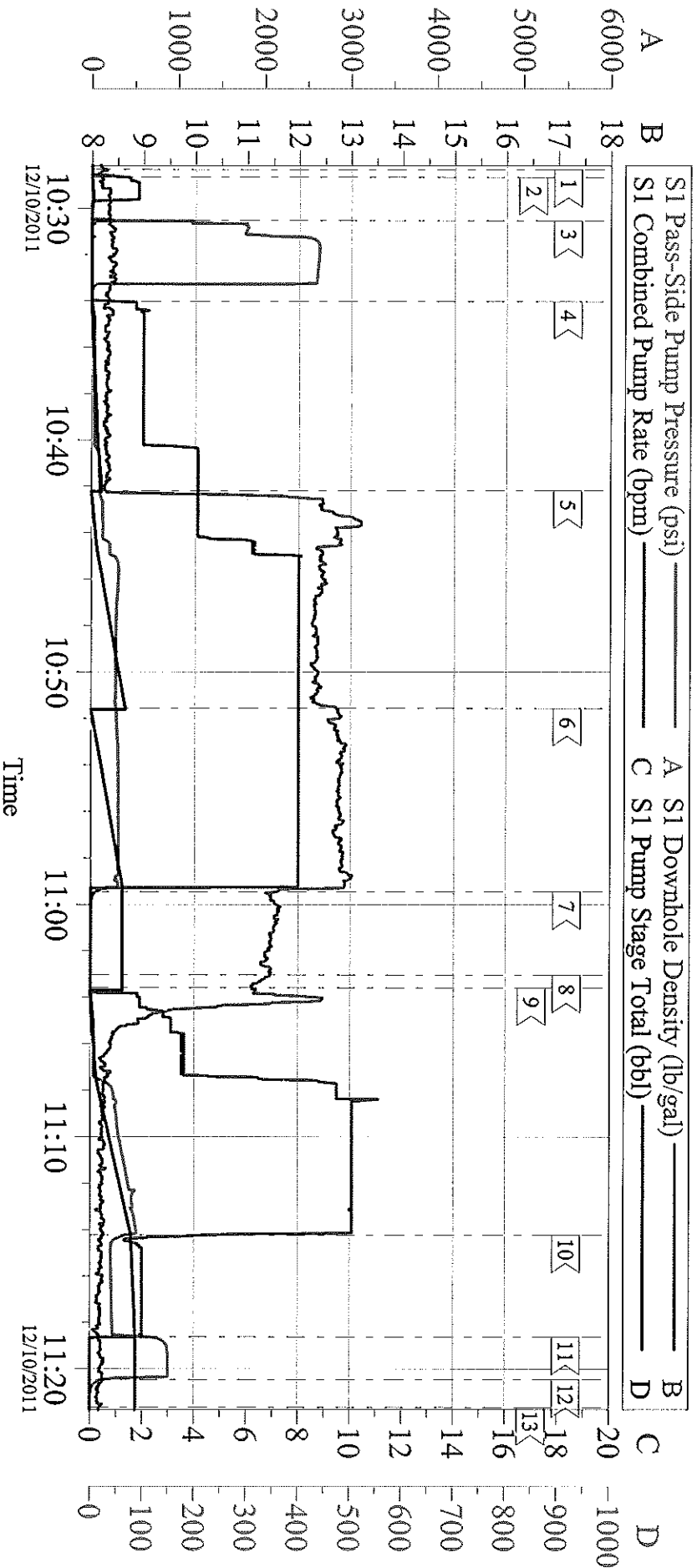
Sales Order # : 9069402

SUMMIT Version: 7.2.27

Tuesday, December 13, 2011 04:13:00

WILLIAMS - RWF / 333-31

9 5/8" SURFACE



Local Event Log

1 START JOB	2 FILL LINES	10:28:39
3 PRESSURE TEST	4 START FRESHWATER SPACER	10:34:01
5 START LEAD CEMENT	6 START TAIL CEMENT	10:51:33
7 SHUTDOWN	8 DROP PLUG	11:03:02
9 START DISPLACEMENT	10 SLOWRATE	11:14:14
11 BUMP PLUG	12 CHECK FLOATS	11:20:28
13 END JOB		

Customer: WILLIAMS
Well Description: RWF 333-31
Company Rep: LARRY NICHOLAS

Job Date: 10-Dec-2011
Job Type: SURFACE
Cement Supervisor: MIKE TRIPLETT

Sales Order #: 9069402
ADC Used: YES
Elite #: ERIC STILLSON