
WILLIAMS PRODUCTION RMT INC - EBUS

**SP 43-14
PARACHUTE
Garfield County , Colorado**

**Cement Surface Casing
06-Sep-2011**

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2873182	Quote #:	Sales Order #: 8408309
Customer: WILLIAMS PRODUCTION RMT INC - EBUS	Customer Rep: Schultz, Mike		
Well Name: SP	Well #: 43-14	API/UWI #: 05-045-20423	
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.435 deg. OR N 39 deg. 26 min. 6.216 secs.	Long: W 107.955 deg. OR W -108 deg. 2 min. 42.209 secs.		
Contractor: H&P 278	Rig/Platform Name/Num: H&P 271		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: KOHL, KYLE	Srv Supervisor: HOEFER, BRYAN	MBU ID Emp #: 415775	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANKS, BRENT A	6.5	371353	EICKHOFF, ROBERT Edward	6.5	495311	HOEFER, BRYAN D	6.5	415775
JENKINS, DEMON Lashaun	6.5	457892	NICKLE, RYON	6.5	454759			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10011429	60 mile	10564022	60 mile	10867094	60 mile	10872429	60 mile
10897925	60 mile	11259885	60 mile	11360883	60 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
9/6/2011	6.5	1.5						

TOTAL	Total is the sum of each column separately							
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Job

Formation Name							Date	Time	Time Zone
Formation Depth (MD)	Top			Bottom		Called Out	06 - Sep - 2011	03:30	MST
Form Type				BHST		On Location	06 - Sep - 2011	07:30	MST
Job depth MD	1579. ft		Job Depth TVD		1579. ft	Job Started	06 - Sep - 2011	11:09	MST
Water Depth				Wk Ht Above Floor		4. ft	Job Completed	06 - Sep - 2011	12:06
Perforation Depth (MD)	From			To		Departed Loc			

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/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	9.625"	1	
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625"	1	
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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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	Water Spacer		20	bbl	8.34	.0	.0	6	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	230	sacks	12.3	2.38	13.75	8	13.75
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160	sacks	12.8	2.11	11.75	8	11.75
4	Displacement Fluid		120.8	bbl	8.34	.0	.0	10	
Calculated Values		Pressures		Volumes					
Displacement	120.8	Shut In: Instant		Lost Returns	0	Cement Slurry	157.4	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	20	Actual Displacement	120.8	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	
Rates									
Circulating	8	Mixing		8	Displacement	10	Avg. Job		9
Cement Left In Pipe	Amount	44ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID		Frac ring # 2 @	ID		Frac Ring # 3 @	ID		Frac Ring # 4 @
The Information Stated Herein Is Correct				Customer Representative Signature					

The Road to Excellence Starts with Safety

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Well Name: SP			Well #: 43-14			API/UWI #: 05-045-20423	
Field: PARACHUTE		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Legal Description:							
Lat: N 39.435 deg. OR N 39 deg. 26 min. 6.216 secs.				Long: W 107.955 deg. OR W -108 deg. 2 min. 42.209 secs.			
Contractor: H&P 278			Rig/Platform Name/Num: H&P 271				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well				Job Type: Cement Surface Casing			
Sales Person: KOHL, KYLE				Srvc Supervisor: HOEFER, BRYAN		MBU ID Emp #: 415775	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/06/2011 03:30							
Pre-Convoy Safety Meeting	09/06/2011 05:00							WITH ALL HES EE'S
Depart from Service Center or Other Site	09/06/2011 05:05							
Arrive At Loc	09/06/2011 07:30							ARRIVED 2 HRS EARLY, RIGGING UP CASING CREW UPON ARRIVAL
Assessment Of Location Safety Meeting	09/06/2011 07:45							WITH ALL HES EE'S
Pre-Rig Up Safety Meeting	09/06/2011 08:00							WITH ALL HES EE'S
Rig-Up Equipment	09/06/2011 09:01							IRON TO FLOOR, WATER LINES,MUD LINES, 1 660 BULK TRUCK,1 BODY LOAD, F-550
Pre-Job Safety Meeting	09/06/2011 10:30							WITH ALL HES EE'S AND RIG CREW
Start Job	09/06/2011 11:09							TD-1595', TP-1579', SJ-44', MUD-9.5#, OH-13.5", 9 5/8" CASING 32.3#
Prime Pumps	09/06/2011 11:10		2	2			25.0	FRESH WATER
Test Lines	09/06/2011 11:11		0.5	0.5			4100.0	TESTED TO 4100psi, TEST HELD GREAT
Pump Spacer	09/06/2011 11:16		6	20			150.0	FRESH WATER
Pump Lead Cement	09/06/2011 11:21		8	97.5			262.0	230skts OF VERSACEM PUMPED @ 12.3#, 2.38 ft3/sk, 13.75 gal/sk
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

Sold To # : 300721

Ship To # :2873182

Quote # :

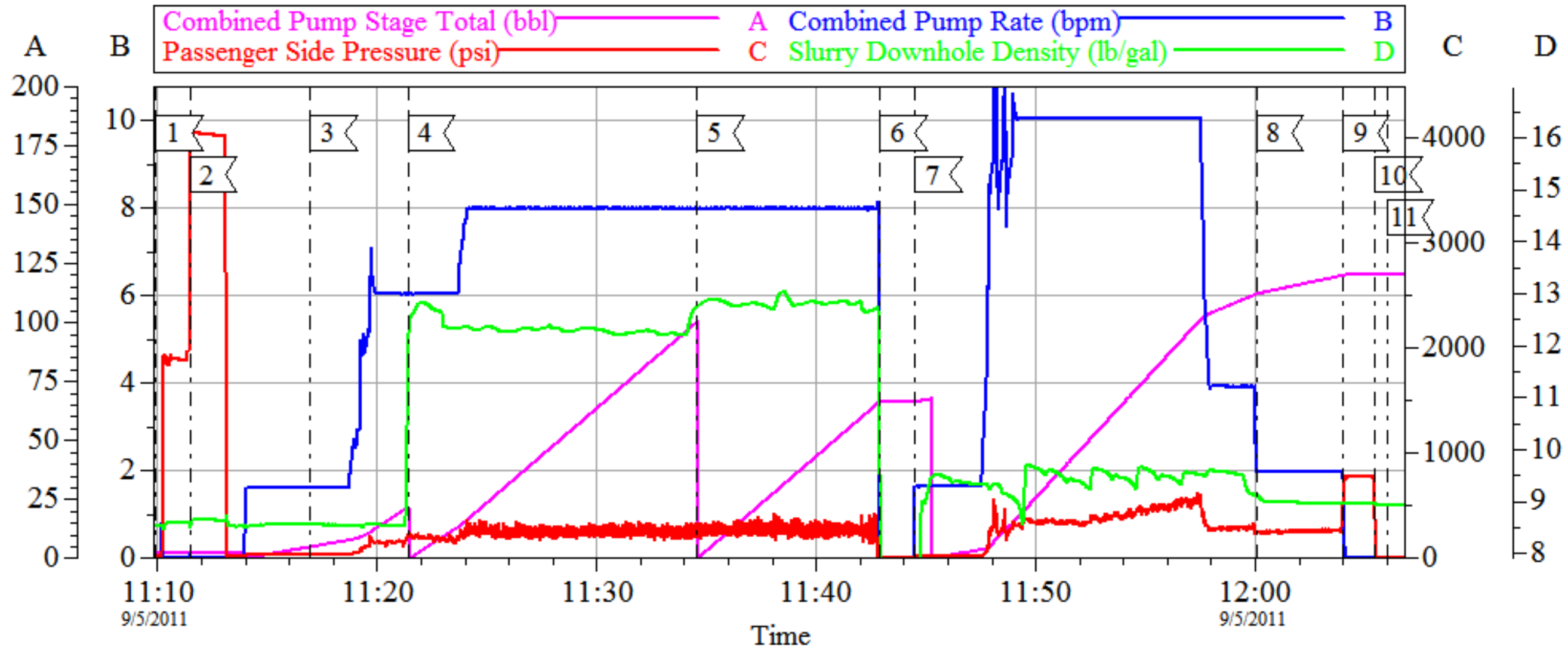
Sales Order # : 8408309

SUMMIT Version: 7.2.27

Tuesday, September 06, 2011 01:08:00

		#		Stage	Total	Tubing	Casing	
Pump Tail Cement	09/06/2011 11:34		8	60.1			270.0	160sks OF VERSACEM PUMPED @ 12.8#, 2.11 ft3/sk, 11.75 gal/sk
Shutdown	09/06/2011 11:42							
Drop Top Plug	09/06/2011 11:43							COMPANY REP. VERIFIED PLUG LEFT HEAD
Pump Displacement	09/06/2011 11:44		10	120.8			520.0	9.5# MUD
Slow Rate	09/06/2011 12:00		2	110			291.0	LAST 10 BBLS
Bump Plug	09/06/2011 12:03		2	120.8			745.0	TOOK 500psi OVER
Check Floats	09/06/2011 12:05							FLOATS HELD
End Job	09/06/2011 12:06							GOOD RETURNS THROUGHOUT JOB, GOT 20BBLS OF CEMENT BACK TO THE PIT
Post-Job Safety Meeting (Pre Rig-Down)	09/06/2011 12:15							WITH ALL HES EE'S
Rig-Down Equipment	09/06/2011 13:30							
Pre-Convoy Safety Meeting	09/06/2011 14:00							WITH ALL HES EE'S
Depart Location for Service Center or Other Site	09/06/2011 14:05							THANK YOU FOR USING GRAND JUNCTION HALLIBURTON CEMENT, BRYAN HOEFER AND CREW

WILLIAMS SP 43-14,SURFACE



Local Event Log

1	START JOB	11:09:55	2	TEST LINES	11:11:27
3	PUMP SPACER	11:16:56	4	PUMP LEAD CEMENT	11:21:23
5	PUMP TAIL CEMENT	11:34:34	6	SHUTDOWN/DROP TOP PLUG	11:42:53
7	PUMP DISPLACEMENT	11:44:29	8	SLOW RATE	12:00:02
9	BUMP PLUG	12:03:57	10	CHECK FLOATS	12:05:26
11	END JOB	12:06:00			

Customer: WILLIAMS
Well Description: SP 43-14
COMPANY REP.: MIKE SHULTS

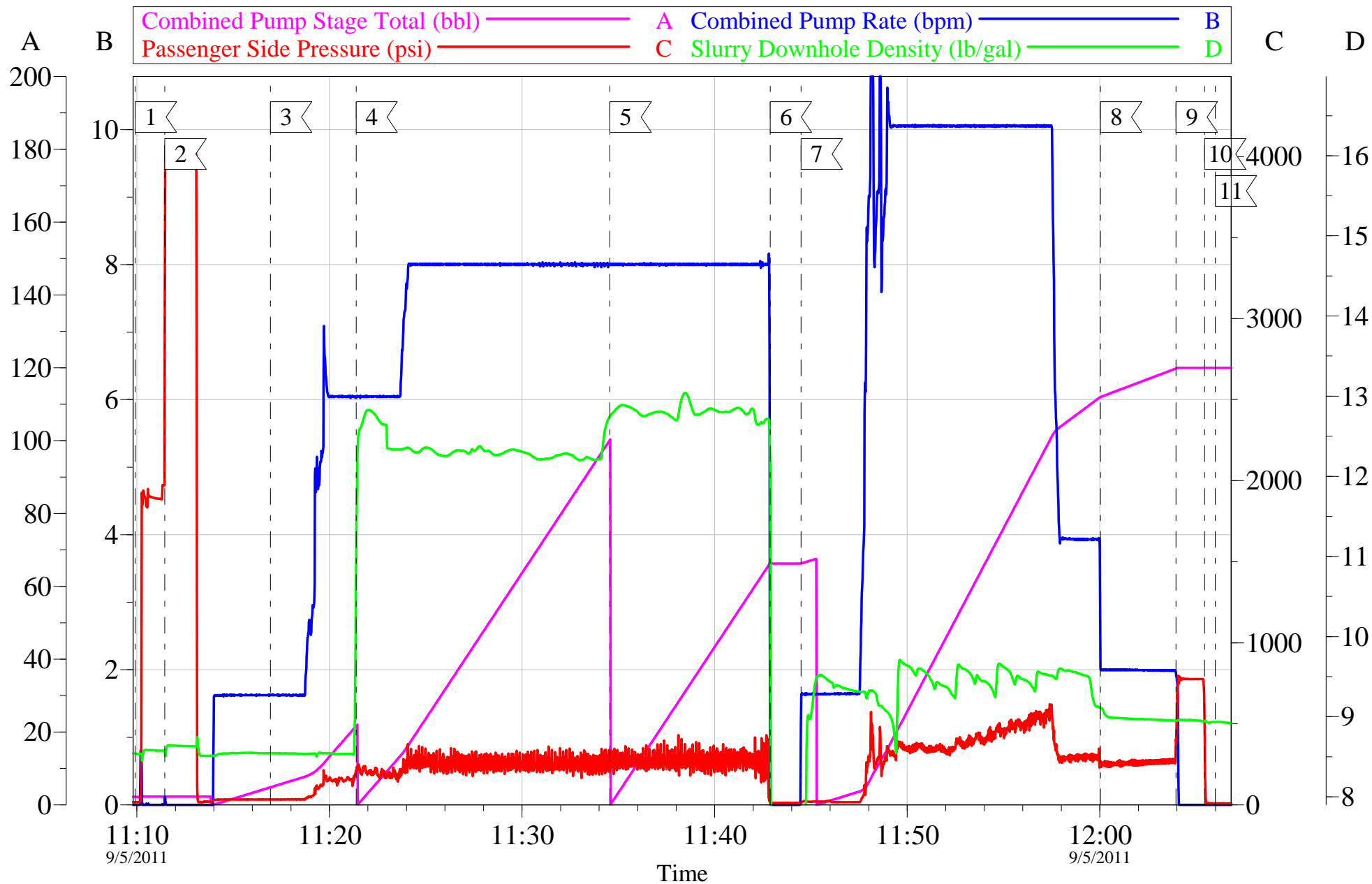
Job Date: 06-Sep-2011
JOB TYPE: SURFACE
SERVICE SUPERVISOR: BRYAN HOEFER

Sales Order #: 8408309
ADC USED: YES
OPERATOR/ELITE: NICKLE/#7

OptiCem v6.4.9
06-Sep-11 12:54

WILLIAMS

SP 43-14,SURFACE



Customer: WILLIAMS	Job Date: 06-Sep-2011	Sales Order #: 8408309
Well Description: SP 43-14	JOB TYPE: SURFACE	ADC USED: YES
COMPANY REP.: MIKE SHULTS	SERVICE SUPERVISOR: BRYAN HOEFER	OPERATOR/ELITE: NICKLE/#7

Sales Order #: 8408309	Line Item: 10	Survey Conducted Date: 9/6/2011
Customer: WILLIAMS PRODUCTION RMT INC - EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: MIKE SHULTS		API / UWI: (leave blank if unknown) 05-045-20423
Well Name: SP		Well Number: 43-14
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Garfield

Dear Customer,

We hope that you were satisfied with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and service of a standard unmatched in the service sector of the energy industry.

Please take the time to let us know if our performance met with your satisfaction. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use of Halliburton.

CUSTOMER SATISFACTION SURVEY

CATEGORY	CUSTOMER SATISFACTION RESPONSE	
Survey Conducted Date	The date the survey was conducted	9/6/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	BRYAN HOEFER (HB40569)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	MIKE SHULTS
HSE	Was our HSE performance satisfactory? Circle Y or N	Yes
Equipment	Were you satisfied with our Equipment? Circle Y or N	Yes
Personnel	Were you satisfied with our people? Circle Y or N	Yes
Customer Comment	Customer's Comment	
Job DVA	Did we provide job DVA above our normal service today? Circle Y or N	No
Time	Please enter hours in decimal format to nearest quarter hour.	
Other	Enter short text for other efficiencies gained.	
Customer Initials	Customer's Initials	
Please provide details	Please describe how the job efficiencies were gained.	

CUSTOMER SIGNATURE

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Customer Representative: MIKE SHULTS		API / UWI: (leave blank if unknown) 05-045-20423
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Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date	9/6/2011
The date the survey was conducted	

Cementing KPI Survey	
Type of Job Select the type of job. (Cementing or Non-Cementing)	0
Select the Maximum Deviation range for this Job What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	Vertical
Total Operating Time (hours) Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	2
HSE Incident, Accident, Injury HSE Incident, Accident, Injury. This should be recordable incidents only.	No
Was the job purpose achieved? Was the job delivered correctly as per customer agreed design?	Yes
Operating Hours (Pumping Hours) Total number of hours pumping fluid on this job. Enter in decimal format.	1.25
Customer Non-Productive Rig Time (hrs) Lost time due to Halliburton in the start, execution, or completion of an ordered service or product, or delays in a follow-on service. Enter in decimal format. 0 if none.	0
Type of Rig Classification Job Was Performed Type Of Rig (classification) Job Was Performed On	Drilling Rig (Portable)
Number Of JSAs Performed Number Of Jsas Performed	6
Number of Unplanned Shutdowns Unplanned shutdown is when injection stops for any period of time.	0
Was this a Primary Cement Job (Yes / No)	Yes

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Well Name: SP		Well Number: 43-14
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Garfield

Primary Cement Job= Casing job, Liner job, or Tie-back job.	
Did We Run Wiper Plugs? Did We Run Top And Bottom Casing Wiper Plugs?	Top
Mixing Density of Job Stayed in Designed Density Range (0-100%) Density Range defined as +/- .20 ppg. Calculation: Total BBLs cement mixed at designed density divided by total BBLs of cement multiplied by 100	95
Was Automated Density Control Used? Was Automated Density Control (ADC) Used ?	Yes
Pump Rate (percent) of Job Stayed At Designed Pump Rate Pump Rate range defined as +/- 1bbl/min. Calculation: Total BBLs of fluid pumped at the designed rate divided by Total BBLs of fluid pumped, multiplied by 100	95
Nbr of Remedial Sqz Jobs Rqd - Competition Number Of Remedial Squeeze Jobs Required After Primary Job Performed By Competition	0
Nbr of Remedial Plug Jobs Rqd - HES Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES	0
Nbr of Remedial Sqz Jobs Rqd - HES Number Of Remedial Squeeze Jobs Required After Primary Job Performed By HES	0