

FRAM OPERATING LLC
30 E PIKES PEAK AVE. SUITE 287
COLORADO SPRINGS, Colorado

Mansur 33-1-G

FRAM OPERATING/FRONTIER/4

Post Job Summary

Plug Service - Whipstock

Prepared for: JOHN GRIGGS
Date Prepared: 6/7/2011
Version: 1

Service Supervisor: JAMISON, PRICE

Submitted by:

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 359500		Ship To #: 2855674		Quote #:		Sales Order #: 8228484	
Customer: FRAM OPERATING LLC				Customer Rep: Griggs, John			
Well Name: Mansur			Well #: 33-1			API/UWI #:	
Field: WILD CAT		City (SAP): WHITEWATER		County/Parish: Mesa			State: Colorado
Contractor: FRAM OPERATING			Rig/Platform Name/Num: FRONTIER 4				
Job Purpose: Plug Service - Whipstock							
Well Type: Development Well			Job Type: Plug Service - Whipstock				
Sales Person: DYK, KORY			Srvc 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 #
DANIEL, EVERETT Dean	2	337325	JAMISON, PRICE W	8.5	229155	JENSEN, SHANE Lynn	8.5	441759
LESTER, LEVI William	8.5	474117	SIMINEO, JEROD M	2	479954	WALPOLE, DARREN Livingston	8.5	485294

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
	20 mile	10296152C	20 mile	10564022	20 mile	10741259	20 mile
10897797	20 mile	11259881	20 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
6/7/11	8.5	1						
TOTAL	Total is the sum of each column separately							

Job

Formation Name													Date		Time		Time Zone	
Formation Depth (MD)		Top				Bottom				Called Out		06 - Jun - 2011		23:45		MST		
Form Type					BHST					On Location		07 - Jun - 2011		03:00		MST		
Job depth MD		3838. ft		Job Depth TVD		3838. ft		Job Started		07 - Jun - 2011		09:31		MST				
Water Depth				Wk Ht Above Floor		2. ft		Job Completed		07 - Jun - 2011		10:20		MST				
Perforation Depth (MD)		From				To				Departed Loc		07 - Jun - 2011		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
Open Hole				8.5				.	3838.		
Drill Pipe	Unknown		4.5	3.826	16.6			.	3838.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	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 #	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		20.00	bbl	8.33	.0	.0	4.0	
2	Plugcem	PLUGCEM (TM) SYSTEM (452969)	268.0	sacks	17.	.99	3.76	4.0	3.76
	0.5 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	0.2 %	HR-5, 50 LB SK (100005050)							
	3.75 Gal	FRESH WATER							
3	Water Displacement		6.00	bbl	8.33	.0	.0	4.0	
4	Mud Displacement		38.5	bbl	9.			4.0	
Calculated Values		Pressures		Volumes					
Displacement	44.5	Shut In: Instant		Lost Returns	NO	Cement Slurry	41.5	Pad	
Top Of Cement	3169 ???	5 Min		Cement Returns	NO	Actual Displacement	44.5	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	120
Rates									
Circulating	NO	Mixing	4	Displacement	4	Avg. Job	4		
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					

The Road to Excellence Starts with Safety

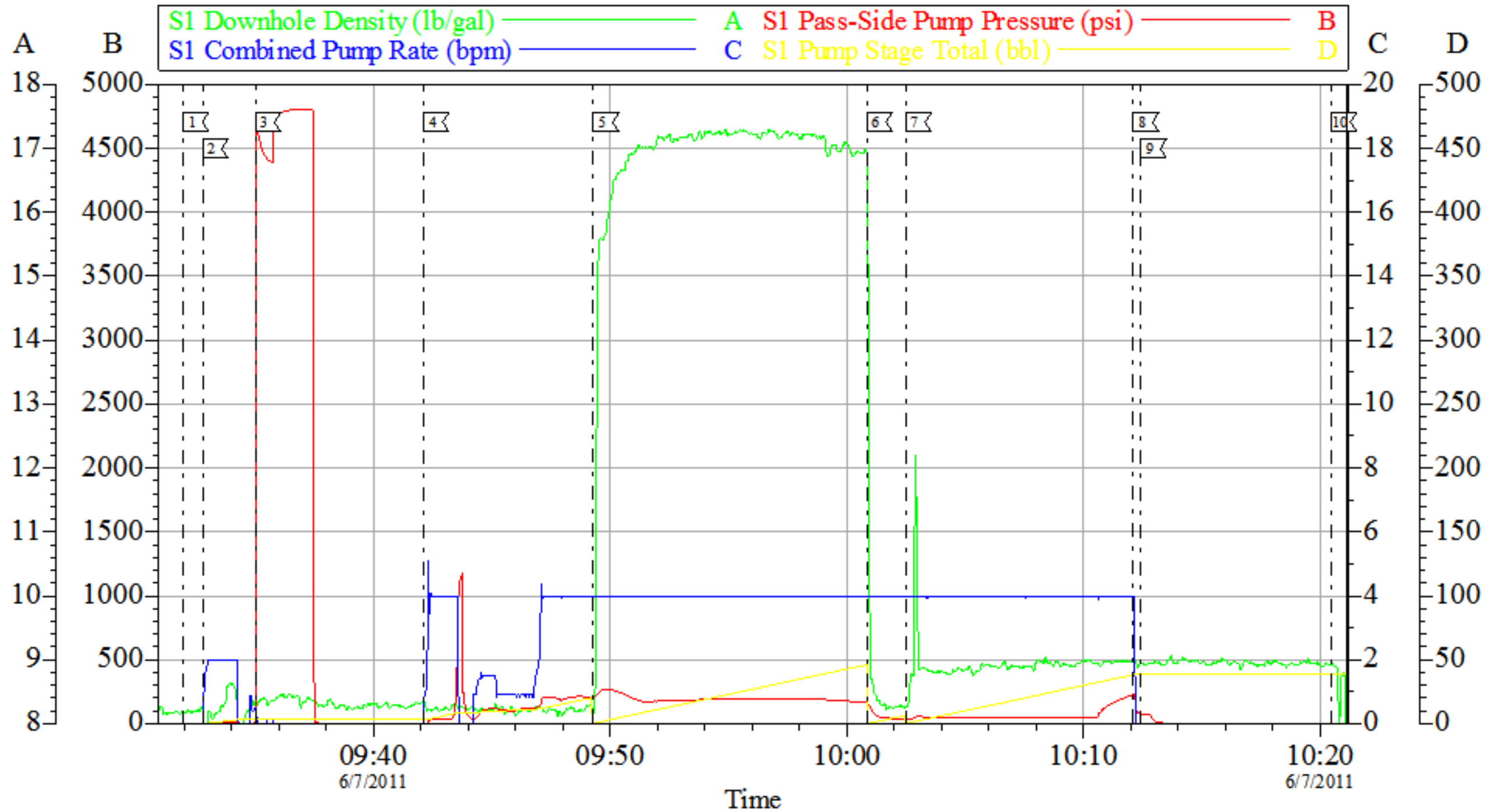
Sold To #: 359500	Ship To #: 2855674	Quote #:	Sales Order #: 8228484
Customer: FRAM OPERATING LLC		Customer Rep: Griggs, John	
Well Name: Mansur	Well #: 33-1	API/UWI #:	
Field: WILD CAT	City (SAP): WHITEWATER	County/Parish: Mesa	State: Colorado
Legal Description:			
Lat:		Long:	
Contractor: FRAM OPERATING		Rig/Platform Name/Num: FRONTIER 4	
Job Purpose: Plug Service - Whipstock			Ticket Amount:
Well Type: Development Well		Job Type: Plug Service - Whipstock	
Sales Person: DYK, KORY		Srvc 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	06/06/2011 23:45							TP 3838 DRILL PIPE 4.5 16.6 OPEN HOLE 8.5 MUD 9.2
Depart Yard Safety Meeting	06/07/2011 01:50							
Crew Leave Yard	06/07/2011 02:00							
Arrive At Loc	06/07/2011 03:00							
Assessment Of Location Safety Meeting	06/07/2011 03:15							
Wait on Customer or Customer Sub-Contractor Equip	06/07/2011 05:00							PULLING DRILL PIPE RUNNING BACK IN HOLE
Pre-Rig Up Safety Meeting	06/07/2011 06:00							
Wait on Customer or Customer Sub-Contractor Equipm	06/07/2011 08:50							
Pre-Job Safety Meeting	06/07/2011 09:00							
Start Job	06/07/2011 09:31							
Prime Pumps	06/07/2011 09:32		2	3			8.0	FRESH WATER
Test Lines	06/07/2011 09:35						4000.0	
Pump Water	06/07/2011 09:49		4	17			210.0	FRESH WATER
Pump Cement	06/07/2011 09:49		4	47.3			270.0	MIXED @ 17 PPG YIELD .99 WAT/REQ 3.75 268 SKS
Pump Displacement	06/07/2011 10:00		4	6			70.0	FRESH WATER

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	06/07/2011 10:02		4	48.5			56.0	MUD
Shutdown	06/07/2011 10:12						231.0	
Release Tubing Pressure	06/07/2011 10:12							2 BBLS BACK TO TRUCK
End Job	06/07/2011 10:20							GOOD CIRCULATION THROUGHOUT JOB
Post-Job Safety Meeting (Pre Rig-Down)	06/07/2011 10:30							DRILL PIPE TRIPPED DRY
Depart Location Safety Meeting	06/07/2011 11:20							
Crew Leave Location	06/07/2011 11:30							THANKS FOR USING HALLIBURTON BILL JAMISON & CREW

EVENT #	EVENT	VOLUME	SACKS	WEIGHT	YIELD	GAL/ SK
1	Start Job					
6	Test Lines					
9	H2O Spacer	0.0				
13	Lead Cement	0.0				
15	Tail Cement	0.0				
	Shut Down Wash Pumps & Lines	0.0				
22	Drop Plug	0.0				
23	Displace with H2O	0.0				
26	Land Plug	0.0				
2	Release Psi / Job Over	0.0				
			Do Not Overdisplace			
DISPLACEMENT	TOTAL PIPE	SHOE JOINT LENGTH		FLOAT COLLAR	BBL/FT	H2O REQ.
0.00				0.00	0.0232	
PSI to Lift Pipe	Surface enter answer	*****Use Mud Scales on Each Tier*****				
Total Displacement	0.00					
CALCULATED DIFFERENTIAL PSI				TOTAL FLUID PUMPED		
Collapse		Burst			SO#	5472998

FRAM WHIPSTOCK PLUG



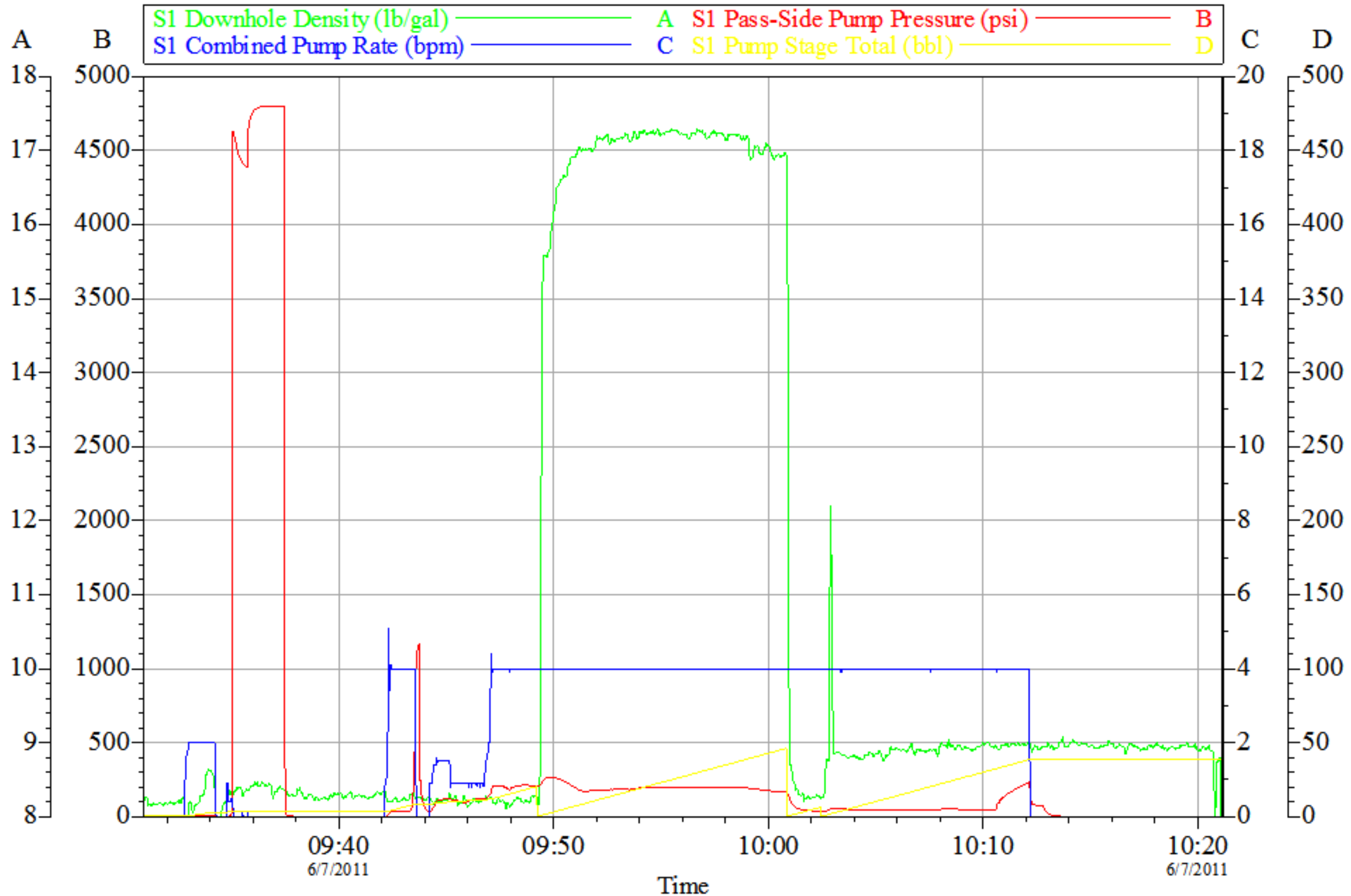
Customer: FRAM
Well Description: MANSUR 3-1-G
Company Rep: JOHN GRIGGS

Job Date: 07-Jun-2011
Job Type: CEMENT
Cement Supervisor: BILL JAMISON

Sales Order #: 8228484
ADC Used: YES
Elite #:1 SHANE JENSEN

OptiCem v6.4.10
07-Jun-11 10:28

FRAM WHIPSTOCK PLUG



Customer: FRAM
Well Description: MANSUR 3-1-G
Company Rep: JOHN GRIGGS

Job Date: 07-Jun-2011
Job Type: CEMENT
Cement Supervisor: BILL JAMISON

Sales Order #: 8228484
ADC Used: YES
Elite #:1 SHANE JENSEN

OptiCem v6.4.10
07-Jun-11 10:29

HALLIBURTON

Water Analysis Report

Company: FRAM
Submitted by: BILL JAMISON
Attention: J.Trout
Lease: MANSUR
Well #: 33-1-G

Date: 6/7/2011
Date Rec.: 6/7/2011
S.O.#: 8228484
Job Type: WHIPSTOCK

Specific Gravity	<i>MAX</i>	<i>1</i>
pH	<i>8</i>	<i>6.5</i>
Potassium (K)	<i>5000</i>	<i>450</i> Mg / L
Calcium (Ca)	<i>500</i>	<i>50</i> Mg / L
Iron (FE2)	<i>300</i>	<i>0</i> Mg / L
Chlorides (Cl)	<i>3000</i>	<i>0</i> Mg / L
Sulfates (SO ₄)	<i>1500</i>	<i>200</i> Mg / L
Chlorine (Cl ₂)		<i>0</i> Mg / L
Temp	<i>40-80</i>	<i>60</i> Deg
Total Dissolved Solids		<i>70</i> Mg / L

Respectfully: BILL JAMISON

Title: CEMENTING SUPERVISOR

Location: Grand Junction, CO

NOTICE:

This report is limited to the described sample tested. Any person using or relying on this report agrees that Halliburton shall not be liable for any loss or damage whether due to act or omission resulting from such report o

Sales Order #: 8228484	Line Item: 10	Survey Conducted Date: 6/7/2011
Customer: FRAM OPERATING LLC		Job Type (BOM): CMT WHIPSTOCK PLUG BOM
Customer Representative: JONE GRIGGS		API / UWI: (leave blank if unknown) AFEYCROEGXJNXB4QAAA
Well Name: Mansur		Well Number: 33-1
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Mesa

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	6/7/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	PRICE JAMISON (HAL9235)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	JONE GRIGGS
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	CREW RIGGED UP AND READY GRATE JOB
Job DVA	Did we provide job DVA above our normal service today? Circle Y or N	Yes
Time	Please enter hours in decimal format to nearest quarter hour.	0.3
Other	Enter short text for other efficiencies gained.	CREW RIGGED UP AND READY
Customer Initials	Customer's Initials	J.G.
Please provide details	Please describe how the job efficiencies were gained.	CREW RIGGED UP AND READY

CUSTOMER SIGNATURE

Sales Order #: 8228484	Line Item: 10	Survey Conducted Date: 6/7/2011
Customer: FRAM OPERATING LLC		Job Type (BOM): CMT WHIPSTOCK PLUG BOM
Customer Representative: JONE GRIGGS		API / UWI: (leave blank if unknown) AFEYCROEGXJNXB4QAAA
Well Name: Mansur		Well Number: 33-1
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Mesa

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	6/7/2011

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.	Deviated
Total Operating Time (hours) Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	3
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
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	5
Number of Unplanned Shutdowns Unplanned shutdown is when injection stops for any period of time.	0
Was this a Primary Cement Job (Yes / No)	No

Sales Order #: 8228484	Line Item: 10	Survey Conducted Date: 6/7/2011
Customer: FRAM OPERATING LLC		Job Type (BOM): CMT WHIPSTOCK PLUG BOM
Customer Representative: JONE GRIGGS		API / UWI: (leave blank if unknown) AFEYCROEGXJNXB4QAAA
Well Name: Mansur		Well Number: 33-1
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Mesa

Primary Cement Job= Casing job, Liner job, or Tie-back job.	
Was this a Plug or a Squeeze Job? Please select the appropriate choice	Yes
Was this a Primary or a Remedial Job? Kick off plug, Plug to Abandon, LCM plug or Planned Liner Top Squeeze, Squeeze of existing perforations, Squeeze of casing leak	No
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	98
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	98
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