
BILL BARRETT CORPORATION E-BILL

**JOLLEY 42D-20-691
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
24-May-2011

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2855725	Quote #:	Sales Order #: 8106749
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: South, Jody	
Well Name: JOLLEY		Well #: 42D-20-691	API/UWI #: 05-045-19675
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.513 deg. OR N 39 deg. 30 min. 48.236 secs.		Long: W 107.575 deg. OR W -108 deg. 25 min. 30.32 secs.	
Contractor: Pro Petro		Rig/Platform Name/Num: Pro Petro	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL		Srvc Supervisor: ANGLESTEIN, TROY	MBU ID Emp #: 436099

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ANGLESTEIN, TROY Edward WM	4	436099	ERDMANN, LANCE	4	410077	JENSEN, JESSE Robert	4	478774
LESTER, LEVI William	4	474117	YUTZY, BRIAN Matthew	4	478510			

Equipment

HES Unit #	Distance-1 way						
10551730C	120 mile	10951250	120 mile	10973571	120 mile	10989685	120 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
5/22/2011	4	1						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	24 - May - 2011	08:00	MST
Form Type		BHST	Job Started	24 - May - 2011	13:00	MST
Job depth MD	855. ft	Job Depth TVD	855. ft	Job Completed	24 - May - 2011	16:04
Water Depth		Wk Ht Above Floor	2. ft		24 - May - 2011	16:53
Perforation Depth (MD)	<i>From</i>	<i>To</i>	Departed Loc	24 - May - 2011	17:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/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	9.625	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	HES
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 lbf/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1

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		20.00	bbl	.	.0	.0	5	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.77	5	13.77
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85	5	6.85
6.85 Gal		FRESH WATER							
4	Displacement		61.00	bbl	.	.0	.0	6	
Calculated Values		Pressures		Volumes					
Displacement	61.2	Shut In: Instant		Lost Returns	0	Cement Slurry	81	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	10	Actual Displacement	61.2	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	163
Rates									
Circulating	0	Mixing	5	Displacement	6	Avg. Job	5		
Cement Left In Pipe	Amount	45.10 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					

EVENT #	EVENT	VOLUME	SACKS	WEIGHT	YIELD	GAL/ SK
1	Start Job		0 <u>Max Psi</u>			
6	Test Lines	2500.0				
9	H2O Spacer	20.0				
13	Lead Cement	50.9	120	12.3	2.38	13.77
15	Tail Cement	30.6	120	14.2	1.43	6.85
	Shutdown	0.0				
22	Drop Plug	0.0				
23	Displace with H2O	61.2				
26	Land Plug	204.2 PSI	<u>500 PSI Over</u>			
2	Release Psi / Job Over	0.0				
			Do Not Overdisplace			
DISPLACEMENT	TOTAL PIPE	SHOE JOINT LENGTH		FLOAT COLLAR	BBL/FT	H2O REQ.
61.17	836.45	45.10		791.35	0.0773	141
PSI to Lift Pipe	413.9	<u>*****Use Mud Scales on Each Tier*****</u>				
Total Displacement	61.17					
CALCULATED DIFFERENTIAL PSI		204		TOTAL FLUID PUMPED		163
Collapse		Burst		SO#	8106749	

The Road to Excellence Starts with Safety

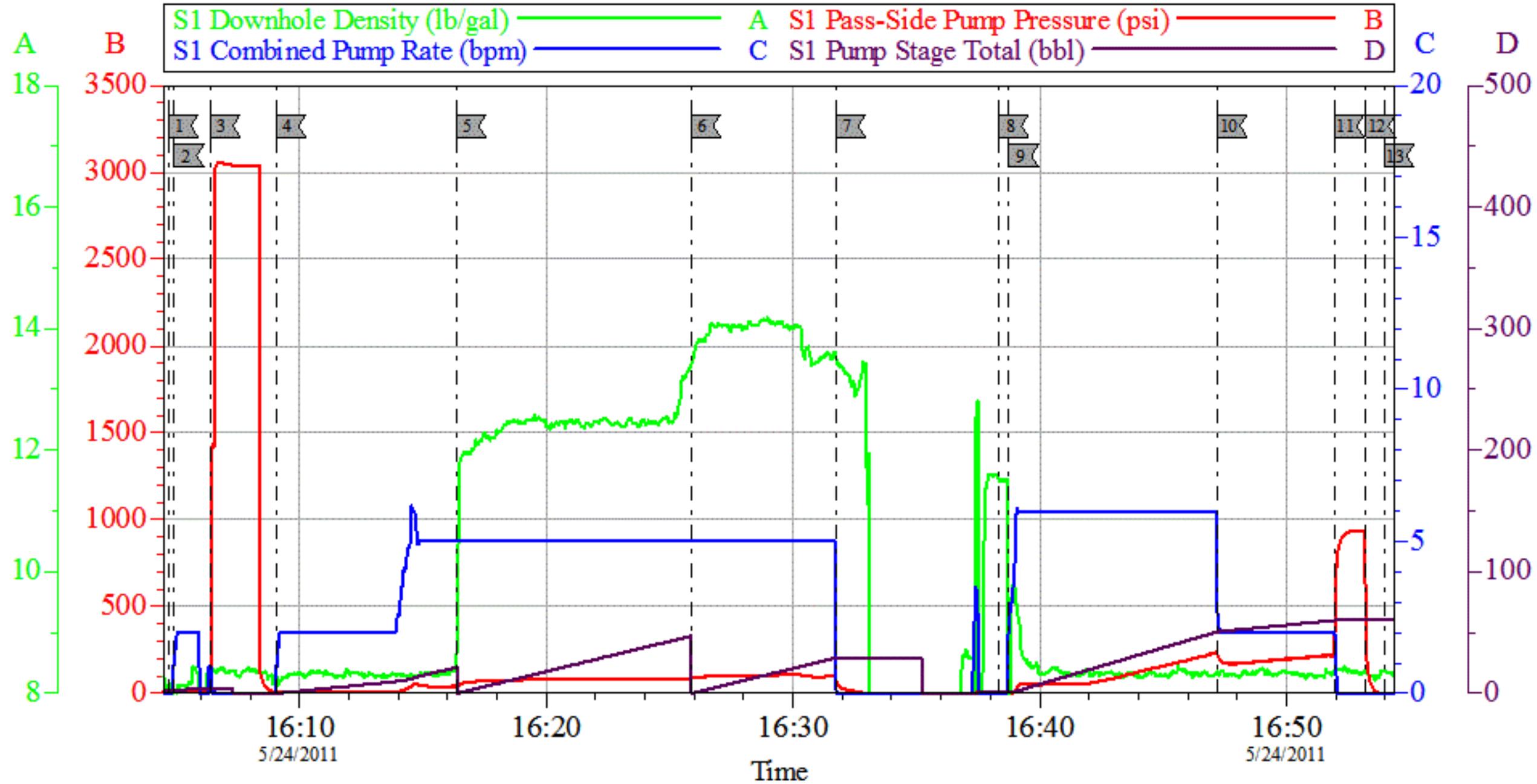
Sold To #: 343492	Ship To #: 2855725	Quote #:	Sales Order #: 8106749
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: South, Jody	
Well Name: JOLLEY		Well #: 42D-20-691	API/UWI #: 05-045-19675
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.513 deg. OR N 39 deg. 30 min. 48.236 secs.		Long: W 107.575 deg. OR W -108 deg. 25 min. 30.32 secs.	
Contractor: Pro Petro		Rig/Platform Name/Num: Pro Petro	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL		Srvc Supervisor: ANGLESTEIN, TROY	MBU ID Emp #: 436099

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	05/24/2011 08:00							
Pre-Convoy Safety Meeting	05/24/2011 10:00							ALL HES EMPLOYEES
Arrive At Loc	05/24/2011 13:00							RIG STILL DRILLING
Assessment Of Location Safety Meeting	05/24/2011 13:15							ALL HES EMPLOYEES
Rig-Up Equipment	05/24/2011 13:20							1 HT 400 PUMP TRUCK, 1 660 BULK TRUCK, 1 9.625 SWAGE , 1 F 450 P/U
Pre-Job Safety Meeting	05/24/2011 15:55							ALL HES EMPLOYEES, RIG CREW, CO REP.
Start Job	05/24/2011 16:04		2	2			.0	9.625 CASING SET AT 836.45', FC 791.35', TD: 855, OPEN HOLE 12..375", 400 BBLS OF H2O ON LOCATION, WATER SAMPLE SUBMITTED.
Pump Water	05/24/2011 16:04		4	4			3038.0	FILL LINES
Pressure Test	05/24/2011 16:06		0.5	0.5			34.0	NO LEAKS
Pump Spacer 1	05/24/2011 16:09		5	10			65.0	FRESH WATER
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Pump Lead Cement	05/24/2011 16:16		5	50.9			74.0	120 SKS VERSACEM CMT TO BE MIXED AT 12.3 PPG, 2.38 YIELD, 13.77 GAL/SK, CMT TO BE WEIGHED VIA PRESSURE BALANCED MUD SCALES WET AND DRY SAMPLES SUBMITTED
Pump Tail Cement	05/24/2011 16:25		5	30.6			80.0	120 SKS SWIFTCEM CMT TO BE MIXED AT 14.2 PPG, 1.43 YIELD, 6.85 GAL/SK, CMT TO BE WEIGHED VIA PRESSURE BALANCED MUD SCALES. WET AND DRY SAMPLES SUBMITTED.
Shutdown	05/24/2011 16:31							FOR NO MORE THEN 5 MINUTES,
Drop Plug	05/24/2011 16:38							PLUG LAUNCHED
Pump Displacement	05/24/2011 16:38		6	61.2			218.0	FRESHWATER
Cement Returns to Surface	05/24/2011 16:42		2	50			150.0	10 BBLS OF CEMENT TO SURFACE.
Slow Rate	05/24/2011 16:47		2	50			150.0	10 BBLS PRIOR TO CALCULATED DISPLACEMENT
Bump Plug	05/24/2011 16:51		2	61.2			245.0	PLUG LANDED AT 890 HELD FOR TWO MINUTES
Check Floats	05/24/2011 16:53							FLOATS HOLDING
End Job	05/24/2011 16:53							THANK YOU FOR USING HES FROM TROY ANGLESTEIN AND CREW.
Post-Job Safety Meeting (Pre Rig-Down)	05/24/2011 17:00							ALL HES EMPLOYEES
Rig-Down Equipment	05/24/2011 17:00							SAFELY

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JOLLEY 42D-20-691 SURFACE

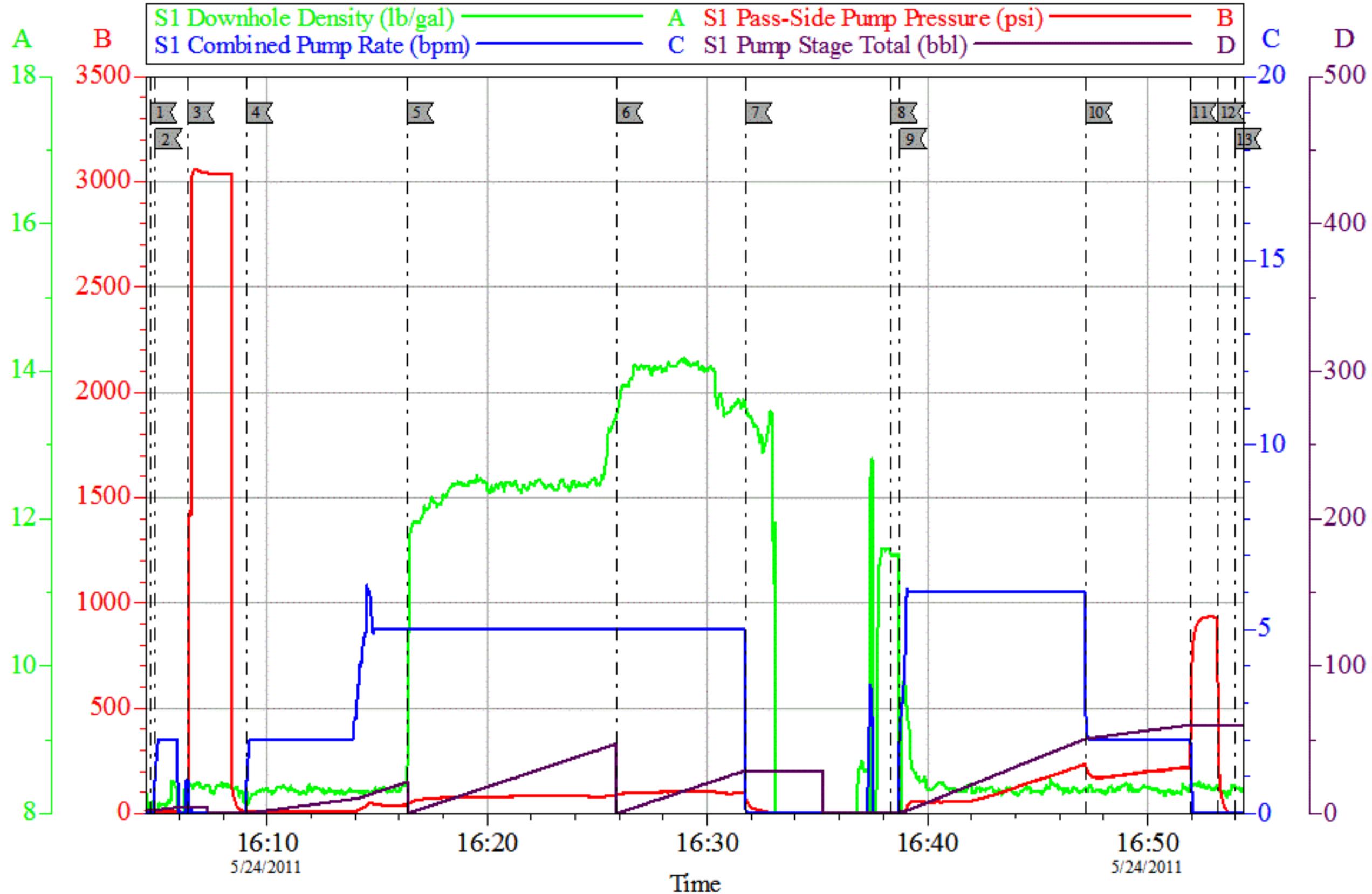


Local Event Log			
1	START JOB	16:04:41	2
2	FILL LINES	16:04:55	3
3	TEST LINES	16:06:23	4
4	PUMP H2O SPACER	16:09:03	5
5	PUMP LEAD CEMENT	16:16:21	6
6	PUMP TAIL CEMENT	16:25:51	7
7	SHUTDOWN	16:31:44	8
8	DROP PLUG	16:38:21	9
9	PUMP DISPLACEMENT	16:38:45	10
10	SLOW RATE	16:47:12	11
11	BUMP PLUG	16:51:56	12
12	CHECK FLOATS	16:53:13	13
13	END JOB	16:53:57	

Customer: BILL BARRETT	Job Date: 24-May-2011	Sales Order #: 8106749
Well Description: JOLLEY 42D-20-691	Job Type: SURFACE	ADC Used: YES
Company Rep: JOSH HENDERSON	Cement Supervisor: TROY ANGLESTEIN	Elite #: 2 JESSE JENSEN

BILL BARRETT

JOLLEY 42D-20-691 SURFACE



Customer: BILL BARRETT
 Well Description: JOLLEY 42D-20-691
 Company Rep: JOSH HENDERSON

Job Date: 24-May-2011
 Job Type: SURFACE
 Cement Supervisor: TROY ANGLESTEIN

Sales Order #: 8106749
 ADC Used: YES
 Elite #: 2 JESSE JENSEN

OptiCem v6.4.9
 24-May-11 17:06

Sales Order #: 8106749	Line Item: 10	Survey Conducted Date: 5/24/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) 05-045-19675
Well Name: JOLLEY		Well Number: 42D-20-691
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	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	5/24/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	TROY ANGLESTEIN (HX45574)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	JOSH HENDERSON
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

Sales Order #: 8106749	Line Item: 10	Survey Conducted Date: 5/24/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) 05-045-19675
Well Name: JOLLEY		Well Number: 42D-20-691
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	Well State: Colorado	Well County: Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date	5/24/2011
The date the survey was conducted	

Cementing KPI Survey	
Type of Job	0
Select the type of job. (Cementing or Non-Cementing)	
Select the Maximum Deviation range for this Job	Vertical
What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	
Total Operating Time (hours)	3
Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	
HSE Incident, Accident, Injury	No
HSE Incident, Accident, Injury. This should be recordable incidents only.	
Was the job purpose achieved?	Yes
Was the job delivered correctly as per customer agreed design?	
Operating Hours (Pumping Hours)	1
Total number of hours pumping fluid on this job. Enter in decimal format.	
Customer Non-Productive Rig Time (hrs)	0
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.	
Type of Rig Classification Job Was Performed	Drilling Rig (Portable)
Type Of Rig (classification) Job Was Performed On	
Number Of JSAs Performed	4
Number Of Jsas Performed	
Number of Unplanned Shutdowns	0
Unplanned shutdown is when injection stops for any period of time.	
Was this a Primary Cement Job (Yes / No)	Yes

Sales Order #: 8106749	Line Item: 10	Survey Conducted Date: 5/24/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) 05-045-19675
Well Name: JOLLEY		Well Number: 42D-20-691
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	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	96
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