
BILL BARRETT CORPORATION E-BILL

**Kaufman 41B-25-692
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
31-Jul-2011

Post Job Summary

Sold To #: 343492	Ship To #: 2848867	Quote #:	Sales Order #: 8333625
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: Henderson, Josh	
Well Name: Kaufman		Well #: 41B-25-692	API/UWI #:
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.503 deg. OR N 39 deg. 30 min. 11.275 secs.		Long: W 107.605 deg. OR W -108 deg. 23 min. 43.523 secs.	
Contractor: PROPETRO		Rig/Platform Name/Num: PROPETRO	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL		Srvs Supervisor: CARTER, ERIC	MBU ID Emp #: 345598

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARTER, ERIC Earl		345598	JAMISON, PRICE W		229155	VANALSTYNE, TROY L		420256

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10867425	120 mile	10897891	120 mile	10951251	120 mile	11560046	120 mile
11562538	120 mile						

[illegible]

Job	Job Times
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55
11	60
12	65
13	70
14	75
15	80
16	85
17	90
18	95
19	100
20	105
21	110
22	115
23	120
24	125
25	130
26	135
27	140
28	145
29	150
30	155
31	160
32	165
33	170
34	175
35	180
36	185
37	190
38	195
39	200
40	205
41	210
42	215
43	220
44	225
45	230
46	235
47	240
48	245
49	250
50	255
51	260
52	265
53	270
54	275
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57	290
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64	325
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66	335
67	340
68	345
69	350
70	355
71	360
72	365
73	370
74	375
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78	395
79	400
80	405
81	410
82	415
83	420
84	425
85	430
86	435
87	440
88	445
89	450
90	455
91	460
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93	470
94	475
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96	485
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99	500
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103	520
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116	585
117	590
118	595
119	600
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121	610
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123	620
124	625
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126	635
127	640
128	645
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132	665
133	670
134	675
135	680
136	685
137	690
138	695
139	700
140	705
141	710
142	715
143	720
144	725
145	730
146	735
147	740
148	745
149	750
150	755
151	760
152	765
153	770
154	775
155	780
156	785
157	790
158	795
159	800
160	805
161	810
162	815
163	820
164	825
165	830
166	835
167	840
168</	

Formation Name					Date			
Formation Depth (MD)		Top	Bottom		Time		Time Zone	
Form Type		BHST			On Location			
Job depth MD		838.3 ft		Job Depth TVD		838.3 ft		Job Started
Water Depth		Wk Ht Above Floor			3. ft		Job Completed	31 - Jul - 2011
Perforation Depth (MD)		From	To		Departed Loc		31 - Jul - 2011	21:30

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				12.25				.	838.3		
SURFACE CASING	Unknown		9.625	8.921	36.		J-55	.	802.7		

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		

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			

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 Spacer		20.00	bbl	.	.0	.0	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.75		13.75
		13.75 Gal	FRESH WATER						
3	Tail Cement	SWIFTCES (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85		6.85
		6.85 Gal	FRESH WATER						
4	Displacement		58.00	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	45 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

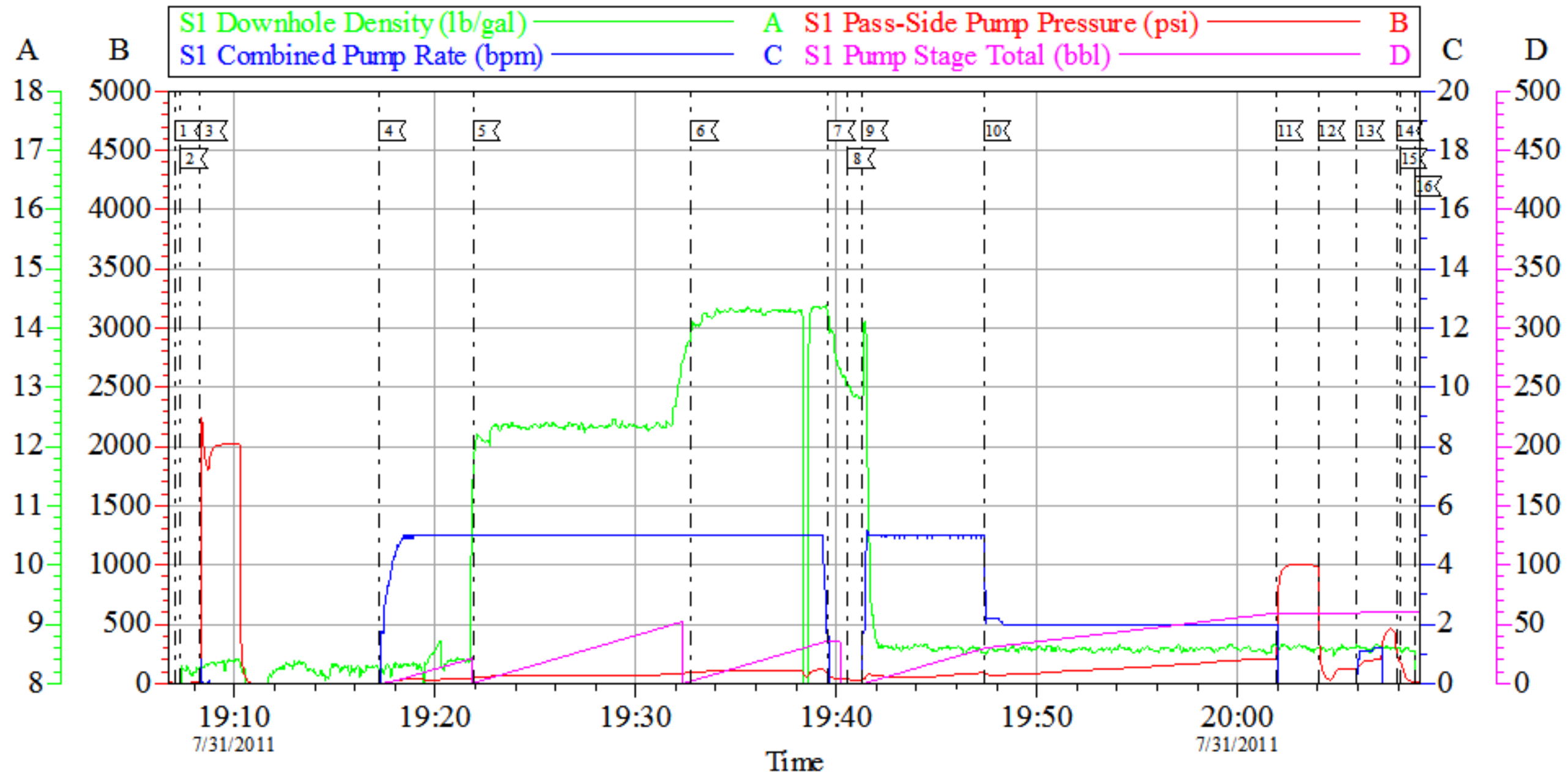
Sold To #: 343492		Ship To #: 2848867		Quote #:		Sales Order #: 8333625	
Customer: BILL BARRETT CORPORATION E-BILL				Customer Rep: Henderson, Josh			
Well Name: Kaufman			Well #: 41B-25-692			API/UWI #:	
Field: MAMM CREEK		City (SAP): SILT		County/Parish: Garfield			State: Colorado
Legal Description:							
Lat: N 39.503 deg. OR N 39 deg. 30 min. 11.275 secs.				Long: W 107.605 deg. OR W -108 deg. 23 min. 43.523 secs.			
Contractor: PROPETRO			Rig/Platform Name/Num: PROPETRO				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: METLI, MARSHALL			Srv Supervisor: CARTER, ERIC			MBU ID Emp #: 345598	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
HES Resources on Location and Available to Perform	07/31/2011 01:30							
Pre-Rig Up Safety Meeting	07/31/2011 18:20							ATTENDED BY ALL HES CREW
Rig-Up Equipment	07/31/2011 18:30							
Pre-Job Safety Meeting	07/31/2011 18:45							ATTENDED BY ALL HES CREW, RIG CREW AND COMPANY REP
Start Job	07/31/2011 19:07							TP 802.72', TD 838.25', SJ 45.01', FC 757.71', CASING 9.625", 36#, J-55, HOLE 12.25" AIR DRILLED
Other	07/31/2011 19:07		2	2			20.0	FILL LINES, USED 6X5
Test Lines	07/31/2011 19:08							PRESSURED UP TO 2017 PSI, PRESSURE HELD
Pump Spacer 1	07/31/2011 19:17		5	20			25.0	FRESH WATER
Pump Lead Cement	07/31/2011 19:21		5	50.9			89.0	120 SKS MIXED AT 12.3 PPG, 2.38 YIELD, 13.75 GL/SK
Pump Tail Cement	07/31/2011 19:32		5	30.6			106.0	120 SKS MIXED AT 14.2 PPG, 1.43 YIELD, 6.85 GL/SK
Shutdown	07/31/2011 19:39							
Drop Top Plug	07/31/2011 19:40							PLUG LUANCHED
Pump Displacement	07/31/2011 19:41		5				88.0	FRESH WATER
Slow Rate	07/31/2011 19:47		2				200.0	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	07/31/2011 20:01						1000.0	PLUG LANDED
Check Floats	07/31/2011 20:04							FLOATS DID NOT HOLD
Pressure Up	07/31/2011 20:05						230.0	
Shut In Well	07/31/2011 20:07							SHUT IN WELL WITH 2" LO-TORCH
End Job	07/31/2011 20:08							GAINED CIRCULATION AT 2 BBLS DISPLACEMENT, 18 BBLS CEMENT TO SURFACE, PIPE NOT MOVED DURING JOB
Other	07/31/2011 20:08							RELEASE PRESSURE ON IRON
Post-Job Safety Meeting (Pre Rig-Down)	07/31/2011 20:10							ATTENDED BY ALL HES CREW
Rig-Down Equipment	07/31/2011 20:20							
Depart Location Safety Meeting	07/31/2011 21:20							ATTENDED BY ALL HES CREW
Crew Leave Location	07/31/2011 21:30							THANK YOU FOR USING HALLIBURTON CEMENT, ERIC CARTER AND CREW.

BILL BARRETT

9.625" SURFACE/KAUFMAN 41B-25-692



Local Event Log

1 START JOB	19:07:01	2 FILL LINES	19:07:20	3 TEST LINES	19:08:18
4 PUMP H2O SPACER	19:17:13	5 PUMP LEAD CEMENT	19:21:55	6 PUMP TAIL CEMENT	19:32:46
7 SHUTDOWN	19:39:36	8 DROP TOP PLUG	19:40:35	9 PUMP H2O DISPLACEMENT	19:41:15
10 SLOW RATE	19:47:21	11 BUMP PLUG	20:01:56	12 CHECK FLOATS	20:04:01
13 SHUT IN WELL	20:05:57	14 PRESSURE UP	20:07:55	15 RELEASE PRESSURE	20:08:06
16 END JOB	20:08:50				

Customer: BILL BARRETT CORPORATION E-BILL
 Well Description: Kaufman 41B-25-692
 Company Rep: JOSH HENDERSON

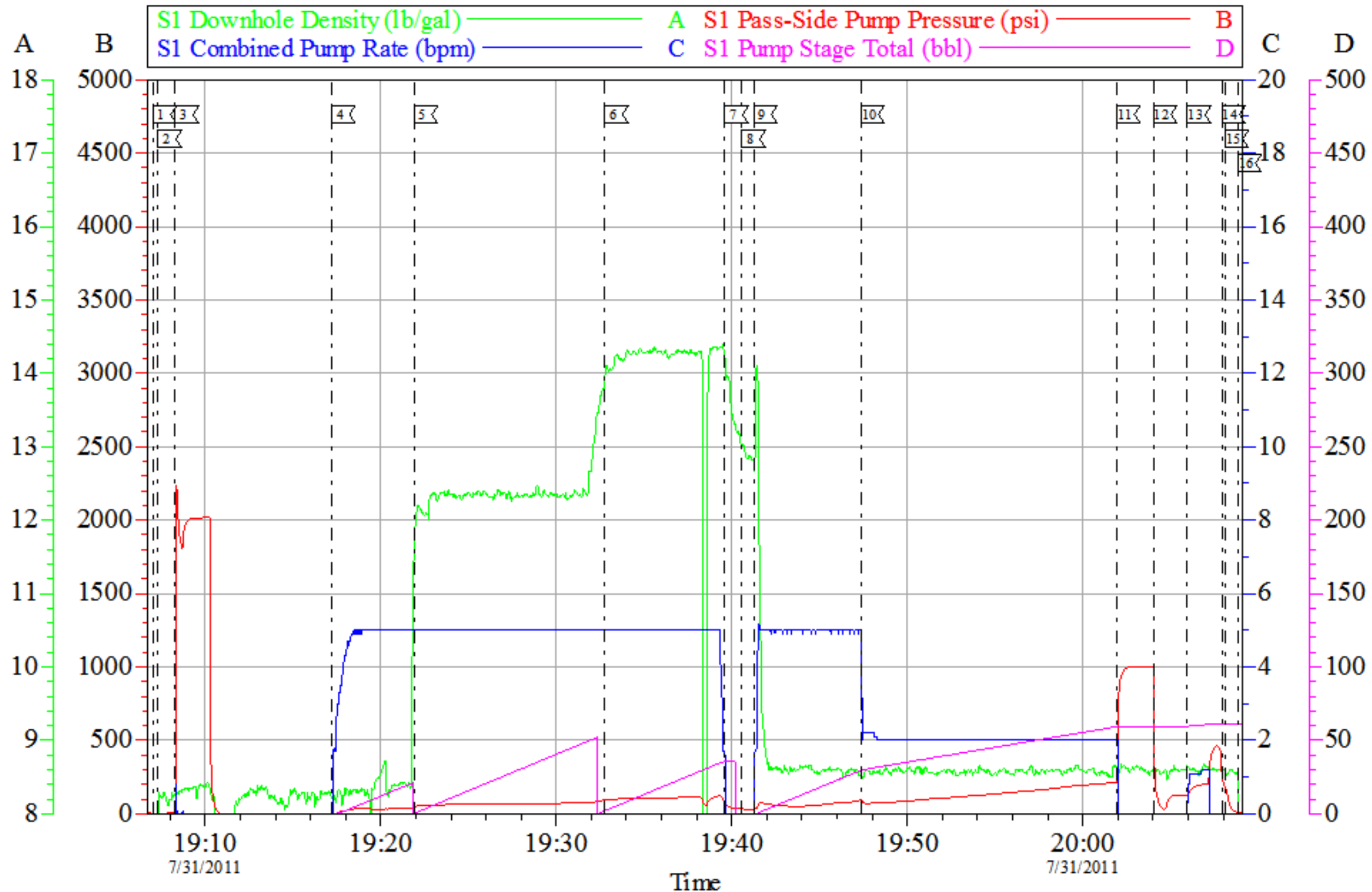
Job Date: 31-Jul-2011
 Job Type: SURFACE
 Cement Supervisor: ERIC CARTER

Sales Order #: 8333625
 ADC Used: YES
 Elite #/Operator: 5/BILL JAMISON

OptiCem v6.4.0
 31-Jul-11 20:13

BILL BARRETT

9.625" SURFACE/KAUFMAN 41B-25-692



Customer: BILL BARRETT CORPORATION E-BILL
Well Description: Kaufman 41B-25-692
Company Rep: JOSH HENDERSON

Job Date: 31-Jul-2011
Job Type: SURFACE
Cement Supervisor: ERIC CARTER

Sales Order #: 8333625
ADC Used: YES
Elite #/Operator: 5/BILL JAMISON

OptiCem v6.4.0
31-Jul-11 20:14

Sales Order #: 8333625	Line Item: 10	Survey Conducted Date: 7/31/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENERSON		API / UWI: (leave blank if unknown) AFEYKABCYYJSZDBAAA
Well Name: Kaufman		Well Number: 41B-25-692
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	7/31/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	ERIC CARTER (HX15491)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	JOSH HENERSON
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 #: 8333625	Line Item: 10	Survey Conducted Date: 7/31/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENERSON		API / UWI: (leave blank if unknown) AFEYKABCYYJSZDBAAA
Well Name: Kaufman		Well Number: 41B-25-692
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 The date the survey was conducted	7/31/2011

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.	Vertical
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)	Yes

Sales Order #: 8333625	Line Item: 10	Survey Conducted Date: 7/31/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENERSON		API / UWI: (leave blank if unknown) AFEYKABCYYJSZDBAAA
Well Name: Kaufman		Well Number: 41B-25-692
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	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