
BILL BARRETT CORPORATION E-BILL

**GGU 13A-30-691
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
27-Feb-2012

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2908822	Quote #:	Sales Order #: 9305798
Customer: BILL BARRETT CORPORATION E-BILL	Customer Rep: Lauer, Casey		
Well Name: GGU	Well #: 13A-30-691	API/UWI #: 05-045-21257	
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.492 deg. OR N 39 deg. 29 min. 32.78 secs.	Long: W 107.606 deg. OR W -108 deg. 23 min. 40.157 secs.		
Contractor: ProPetro Services Inc.	Rig/Platform Name/Num: ProPetro		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: METLI, MARSHALL	Srvc Supervisor: SMITH, DUSTIN	MBU ID Emp #: 418015	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HYDE, DUSTIN C	4.5	453940	KUKUS, CHRISTOPHER A	4.5	413952	MILLER II, MATTHEW Reginald	4.5	425164
SMITH, DUSTIN Michael	4.5	418015						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10567589C	mile	10784064	mile	11006314	mile	11259883	mile
11808829	mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
02/26/12	3	1	02/27/12	1.5	1			

TOTAL Total is the sum of each column separately

Job

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	26 - Feb - 2012	21:00	MST
Form Type		BHST	Job Started	26 - Feb - 2012	23:16	MST
Job depth MD	760. ft	Job Depth TVD	Job Completed	27 - Feb - 2012	00:08	MST
Water Depth		Wk Ht Above Floor	Departed Loc	27 - Feb - 2012	01:30	MST
Perforation Depth (MD)	From	To				

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
12 1/4" Open Hole				12.25				.	760		
9 5/8" Surface Casing	New		9.625	8.921	36.		J-55	.	739.59		

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 5/8	1	HES
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 Spacer		20.00	bbl	8.34	.0	.0	4.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.77	6.0	13.77
	13.77 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85	6.0	6.85
	6.85 Gal	FRESH WATER							
4	Displacement		53.70	bbl	8.33			6.0	
Calculated Values		Pressures		Volumes					
Displacement	53.7	Shut In: Instant		Lost Returns	0	Cement Slurry	81.5	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	23	Actual Displacement	53.7	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	155.2
Rates									
Circulating		Mixing	6	Displacement	6	Avg. Job			6
Cement Left In Pipe	Amount	44.9 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

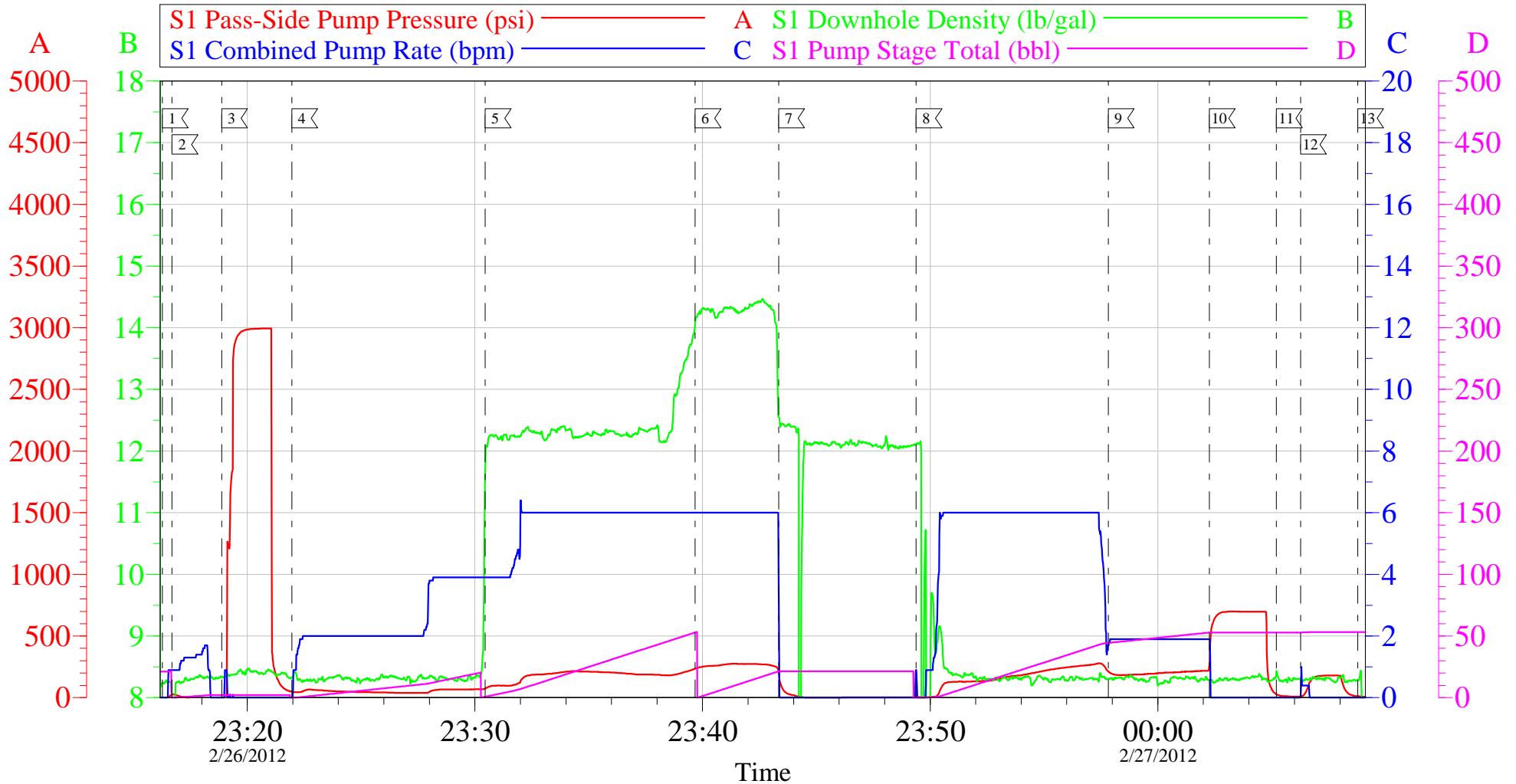
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Legal Description:			
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Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL		Srvc Supervisor: SMITH, DUSTIN	MBU ID Emp #: 418015

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/26/2012 21:00							ELITE # 3 ALREADY ON LOCATION
Arrive At Loc	02/26/2012 21:00							CREW ON LOCATION FROM PREVIOUS JOB
Assessment Of Location Safety Meeting	02/26/2012 21:10							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	02/26/2012 21:10							ALL HES EMPLOYEES
Rig-Up Equipment	02/26/2012 21:30							1 F-550 PICKUP 1 HT- 400 PUMP TRUCK 1 660 BULK TRUCK
Pre-Job Safety Meeting	02/26/2012 23:00							ALL HES EMPLOYEES AND RIG CREW
Rig-Up Completed	02/26/2012 23:16							
Start Job	02/26/2012 23:16							TD:760 TP: 739.59 SJ: 44.9 9 5/8 36 # CSG 12 1/4 OPEN HOLE HOLE DRILLED WITH AIR NO FLUID IN WELL
Test Lines	02/26/2012 23:18					3003. 0		PRESSURE TEST OK
Pump Spacer	02/26/2012 23:21		4	20	20		77.0	FRESH WATER
Pump Lead Cement	02/26/2012 23:30		6	50.9	50.9		256.0	120 SKS 12.3 PPG 2.38 YIELD 13.77 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT LEAD CEMENT
Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Pump Tail Cement	02/26/2012 23:39		6	30.6	30.6		279.0	120 SKS 14.2 PPG 1.43 YIELD 6.85 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT
Shutdown	02/26/2012 23:43							
Drop Plug	02/26/2012 23:43							JOB PUMPED THROUGH SWAGE
Pump Displacement	02/26/2012 23:49		6	53.7	53.7		294.0	FRESH WATER
Slow Rate	02/26/2012 23:57		2	43	43		220.0	SLOW RATE TO BUMP PLUG
Bump Plug	02/27/2012 00:02		2	53.7	53.7		713.0	PSI BEFORE BUMPING PLUG @ 240 PSI BUMPED PLUG UP TO 713 PSI
Check Floats	02/27/2012 00:05							FLOATS HELD 1/2 BBL BACK TO DISPLACEMENT TANK
End Job	02/27/2012 00:08							PRESSURE UP TO 200 PSI AND SHUT WELL IN AT 2 INCH 23 BBLS CEMENT TO SURFACE RIG USED NO SUGAR
Pre-Rig Down Safety Meeting	02/27/2012 00:15							ALL HES EMPLOYEES
Rig-Down Equipment	02/27/2012 00:30							RIG DOWN AND WAIT FOR RIG TO DRILL NEXT WELL
Pre-Convoy Safety Meeting	02/27/2012 01:20							ALL HES EMPLOYEES
Comment	02/27/2012 01:30							THANK YOU FOR USING HALLIBURTON CEMENT DUSTIN SMITH AND CREW
Crew Leave Location	02/27/2012 01:30							CREW RETURN TO YARD TO GET 2 MORE BULK TRUCKS FOR NEXT 2 JOBS AND RETURN TO LOCATION

BILL BARRETT SURFACE GGU 13A-30-691

9 5/8 SURFACE



Local Event Log

1 START JOB	2/26/2012 23:16:16	2 FILL LINES	2/26/2012 23:16:42	3 TEST LINES	2/26/2012 23:18:52
4 PUMP H2O SPACER	2/26/2012 23:21:57	5 PUMP LEAD CEMENT	2/26/2012 23:30:27	6 PUMP TAIL CEMENT	2/26/2012 23:39:40
7 SHUTDOWN/ DROP PLUG	2/26/2012 23:43:20	8 PUMP DISPLACEMENT	2/26/2012 23:49:23	9 SLOW RATE	2/26/2012 23:57:49
10 BUMP PLUG	2/27/2012 00:02:16	11 CHECK FLOATS	2/27/2012 00:05:13	12 PRESSURE UP SHUTIN WELL	2/27/2012 00:06:16
13 RELEASE PRESSURE/ END JOB	2/27/2012 00:08:47				

Customer: BILL BARRETT
Well Description: GGU 13A-30-691
Company Rep: CASEY LAUER

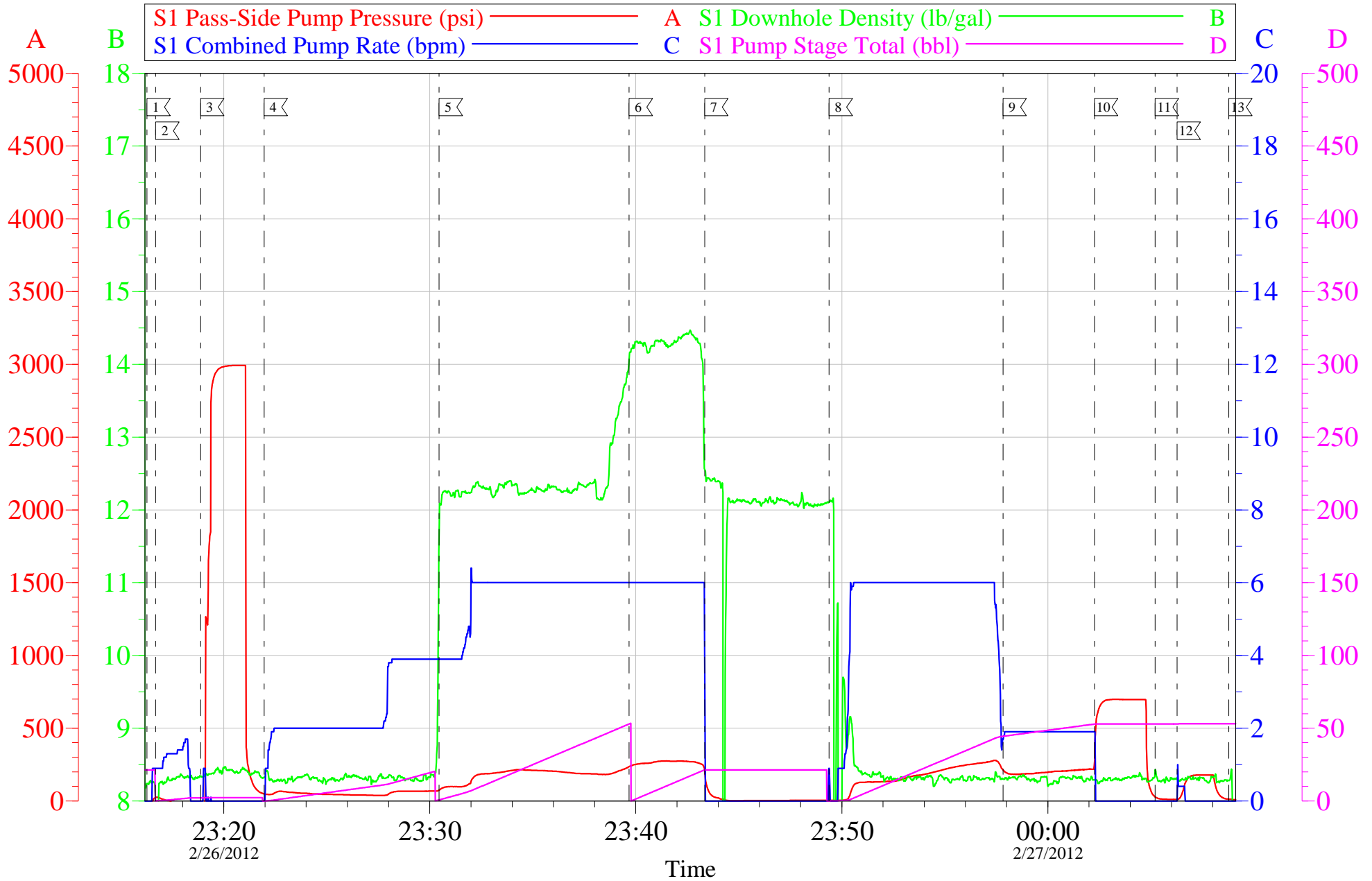
Job Date: 26-Feb-2012
Job Type: 9 5/8 SURFACE
Cement Supervisor: DUSTIN SMITH

Sales Order #: 9305798
ADC Used: YES
Elite #: 3 REGGIE MILLER

OptiCem v6.4.10
27-Feb-12 00:14

BILL BARRETT SURFACE GGU 13A-30-691

9 5/8 SURFACE



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 Company Rep: CASEY LAUER

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 Job Type: 9 5/8 SURFACE
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OptiCem v6.4.10
 27-Feb-12 00:14

Sales Order #: 9305798	Line Item: 10	Survey Conducted Date: 2/27/2012
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative:		API / UWI: (leave blank if unknown) 05-045-21257
Well Name: GGU		Well Number: 13A-30-691
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	2/27/2012
Survey Interviewer	The survey interviewer is the person who initiated the survey.	DUSTIN SMITH (HX37079)
Customer Participation	Did the customer participate in this survey? (Y/N)	No
Customer Representative	Enter the Customer representative name	
HSE	Was our HSE performance satisfactory? Circle Y or N	
Equipment	Were you satisfied with our Equipment? Circle Y or N	
Personnel	Were you satisfied with our people? Circle Y or N	
Customer Comment	Customer's Comment	

CUSTOMER SIGNATURE

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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	2/27/2012
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)	2
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	6
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

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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	90
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	90
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