HALLIBURTON

BILL BARRETT CORPORATION E-BILL

SCOTT 41C-36-692
MAMM CREEK
Garfield County , Colorado

Cement Surface Casing

24-Feb-2012

Post Job Report

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 343492	**Ship To #:** 2908832	**Quote #:**	**Sales Order #:** 9305779
Customer: BILL BARRETT CORPORATION E-BILL		**Customer Rep:** Lauer, Casey	
Well Name: SCOTT	**Well #:** 41C-36-692		**API/UWI #:** 05-045-21248
Field: MAMM CREEK	**City (SAP):** SILT	**County/Parish:** Garfield	**State:** Colorado
Lat: N 39.492 deg. OR N 39 deg. 29 min. 32.309 secs.		**Long:** W 107.606 deg. OR W -108 deg. 23 min. 40.013 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:** LEIST, JAMES	**MBU ID Emp #:** 362787	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
EICKHOFF, ROBERT Edward	3	495311	KEANE, JOHN Donovon	3	486519	LEIST, JAMES R	3	362787
SPARKS, CLIFFORD Paul	3	502476						

Equipment

HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*
10567589C	120 mile	10867531	120 mile	10989685	120 mile	11259882	120 mile
11808829	120 mile						

Job Hours

Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours
2-24-12	3	3						
TOTAL		*Total is the sum of each column separately*						

Job

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	706. ft	**Job Depth TVD**	706. ft		
Water Depth		**Wk Ht Above Floor**	. ft		
Perforation Depth (MD)	*From*		**To**		

Job Times

	Date	Time	Time Zone
Called Out	24 - Feb - 2012	05:00	MST
On Location	24 - Feb - 2012	06:30	MST
Job Started	24 - Feb - 2012	07:18	MST
Job Completed	24 - Feb - 2012	08:22	MST
Departed Loc	24 - Feb - 2012	09:00	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
12 1/4" Open Hole				12.25				.	830.		
9 5/8" Surface Casing	New		9.625	8.921	36.		J-55	.	813.2		

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**			
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

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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
1	Water Spacer	FRESH WATER		bbl	8.34	.0	.0	2	
2	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)		sacks	12.3	2.38	13.77	6	13.77
	13.77 Gal	FRESH WATER							
3	SwiftCem Tail Cement	SWIFTCEM (TM) SYSTEM (452990)		sacks	14.2	1.43	6.85	6	6.85
	6.85 Gal	FRESH WATER							
4	Displacement	FRESH WATER		bbl	9.			6	

Calculated Values		Pressures		Volumes					
Displacement	51	Shut In: Instant		Lost Returns		*Cement Slurry*	80	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	27	Actual Displacement	51	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	

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***

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Cementing Job Log

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Legal Description:			
Lat: N 39.492 deg. OR N 39 deg. 29 min. 32.309 secs.		**Long:** W 107.606 deg. OR W -108 deg. 23 min. 40.013 secs.	
Contractor: ProPetro Services Inc.	**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	**Srvc Supervisor:** LEIST, JAMES		**MBU ID Emp #:** 362787

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/24/2012 05:00							
Arrive At Loc	02/24/2012 05:00							ON LOCATION FROM PREVIOUS JOB
Pre-Rig Up Safety Meeting	02/24/2012 05:20							WITH ALL ON HES PERSONNEL
Rig-Up Completed	02/24/2012 06:00							TP-705.87 FT. 9 5/8 36# J-55, TD-725 FT., S.J.-44.9 FT., HOLE- 12 1/4
Pre-Job Safety Meeting	02/24/2012 07:00							WITH ALL ON LOCATION PERSONNEL
Start Job	02/24/2012 07:18							HOLE WAS DRILLED WITH AIR NO, WELL FLUID IN HOLE.
Pressure Test	02/24/2012 07:20							2610 PSI
Pump Spacer	02/24/2012 07:27		2	20			24.0	FRESH WATER
Pump Lead Cement	02/24/2012 07:35		6	50.1			204.0	120 SKS, 12.3 PPG, 2.38 FT3/SK, 13.77GAL/SK
Pump Tail Cement	02/24/2012 07:45		6	30			236.0	120 SKS, 14.2 PPG, 1.43 FT3/SK, 6.85 GAL/SK
Shutdown	02/24/2012 07:49							
Drop Top Plug	02/24/2012 07:55							JOB PUMPED THROUGH SWEDGE
Pump Displacement	02/24/2012 07:55		6	51			297.0	FRESH WATER
Slow Rate	02/24/2012 08:03		2	41			200.0	TO BUMP PLUG
Bump Plug	02/24/2012 08:07		2	51			250.0	PLUG BUMPED

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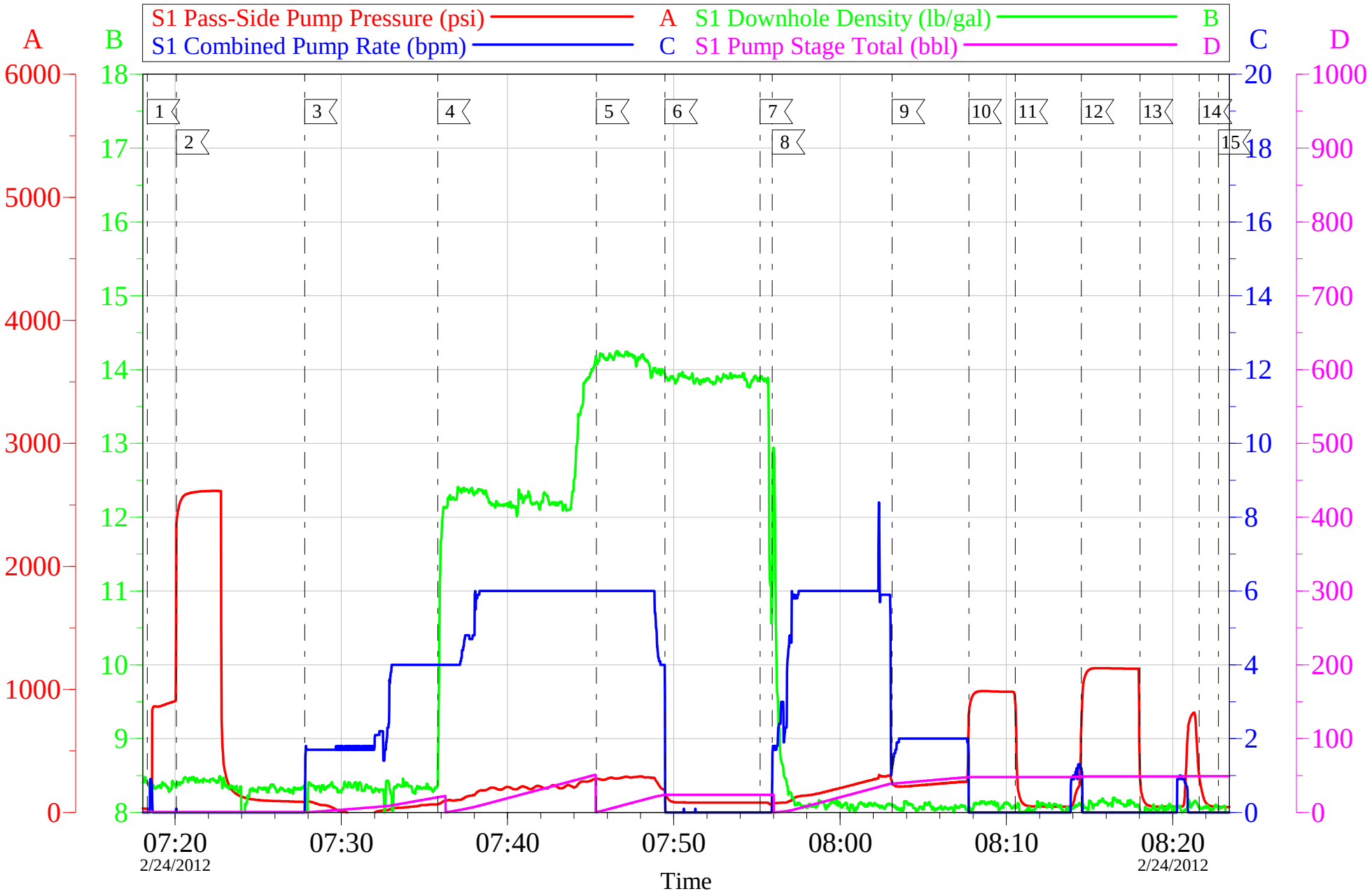
Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Check Floats	02/24/2012 08:10						960.0	BUMP PLUG TWICE, FLOATS ARE HOLDING SECOND TIME, PRESSURED UP TO 200 PSI AND SHUT IN AT 2 IN. ON SWEDGE
End Job	02/24/2012 08:22							
Pre-Rig Down Safety Meeting	02/24/2012 08:30							WITH ALL HES PERSONNEL
Rig-Down Completed	02/24/2012 08:45							
Pre-Convoy Safety Meeting	02/24/2012 09:00							WITH ALL HES PERSONNEL, LEFT PUMP ON LOCATION FOR NEXT JOB ROUND TRIP BULK TRUCKS
Comment	02/24/2012 09:00							THANKYOU FOR USING HALLIBURTON CEMENT, JAMES LEIST AND CREW

BILL BARRETT SCOTT 41C-31-691

SURFACE CASING



Customer:	BILL BARRETT	Job Date:	24-Feb-2012	Sales Order #:	9305779
Well Description:	SCOTT 41C-31-691	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	CASEY LAUER	Cement Supervisor:	JAMES LEIST	Elite #:3	ROB EICKHOFF

OptiCem v6.4.9
24-Feb-12 08:27

HALLIBURTON

KPI SURVEY

Sales Order #:	**Line Item:**	
9305779	10	
Customer:		**Job Type (BOM):**
BILL BARRETT CORPORATION E-BILL		CMT SURFACE CASING BOM
Customer Rep./Phone:		**API / UWI: (leave blank if unknown)**
		05-045-21248
Well Name:		**Well Number:**
SCOTT		41C-36-692
Well Type:	**Well Country:**	
Development Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
No	Colorado	Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	2/23/2012

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.	2
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	4
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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KPI SURVEY

Sales Order #:	**Line Item:**	
9305779	10	
Customer:		**Job Type (BOM):**
BILL BARRETT CORPORATION E-BILL		CMT SURFACE CASING BOM
Customer Rep./Phone:		**API / UWI: (leave blank if unknown)**
		05-045-21248
Well Name:		**Well Number:**
SCOTT		41C-36-692
Well Type:	**Well Country:**	
Development Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
No	Colorado	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 cment mixed at designed density divided by total BBLs of cement multiplied by 100	97
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	97
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