
BILL BARRETT CORPORATION E-BILL

**Kaufman 12A-25-692
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
18-May-2011

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 343492		Ship To #: 2854159		Quote #:		Sales Order #: 8108103	
Customer: BILL BARRETT CORPORATION E-BILL				Customer Rep: South, Jodi			
Well Name: Kaufman			Well #: 12A-25-692			API/UWI #: 05-045-19656	
Field: MAMM CREEK		City (SAP): SILT		County/Parish: Garfield		State: Colorado	
Lat: N 39.497 deg. OR N 39 deg. 29 min. 49.589 secs.				Long: W 107.619 deg. OR W -108 deg. 22 min. 51.679 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: TRIPLETT, MICHEAL			MBU ID Emp #: 447908	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DEUSSEN, EDWARD Eric	17	485182	MILLER II, MATTHEW Reginald	17	425164	SILVERTHORN, AARON Jacob	17	491305
TRIPLETT, MICHEAL Anthony	17	447908						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10567589C	120 mile	10784080	120 mile	10804579	120 mile	10951246	120 mile
10995027	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
05/18/2011	17	1						

TOTAL	Total is the sum of each column separately							
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Job

Formation Name											Date	Time	Time Zone
Formation Depth (MD)		Top			Bottom				Called Out	18 - May - 2011	15:00	MST	
Form Type			BHST						On Location	18 - May - 2011	17:00	MST	
Job depth MD		810. ft		Job Depth TVD		810. ft		Job Started	18 - May - 2011	19:12	MST		
Water Depth					Wk Ht Above Floor		4. ft	Job Completed	18 - May - 2011	20:05	MST		
Perforation Depth (MD)		From			To				Departed Loc				

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
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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			
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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

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	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.75		13.75
	13.75 Gal	FRESH WATER							
3	SwiftCem Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85		6.85
	6.85 Gal	FRESH WATER							
4	Displacement		57.00	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	57.5	Shut In: Instant		Lost Returns	0	Cement Slurry	81	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	25	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	158
Rates									
Circulating	0	Mixing	7	Displacement	10	Avg. Job	8		
Cement Left In Pipe	Amount	44.30 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

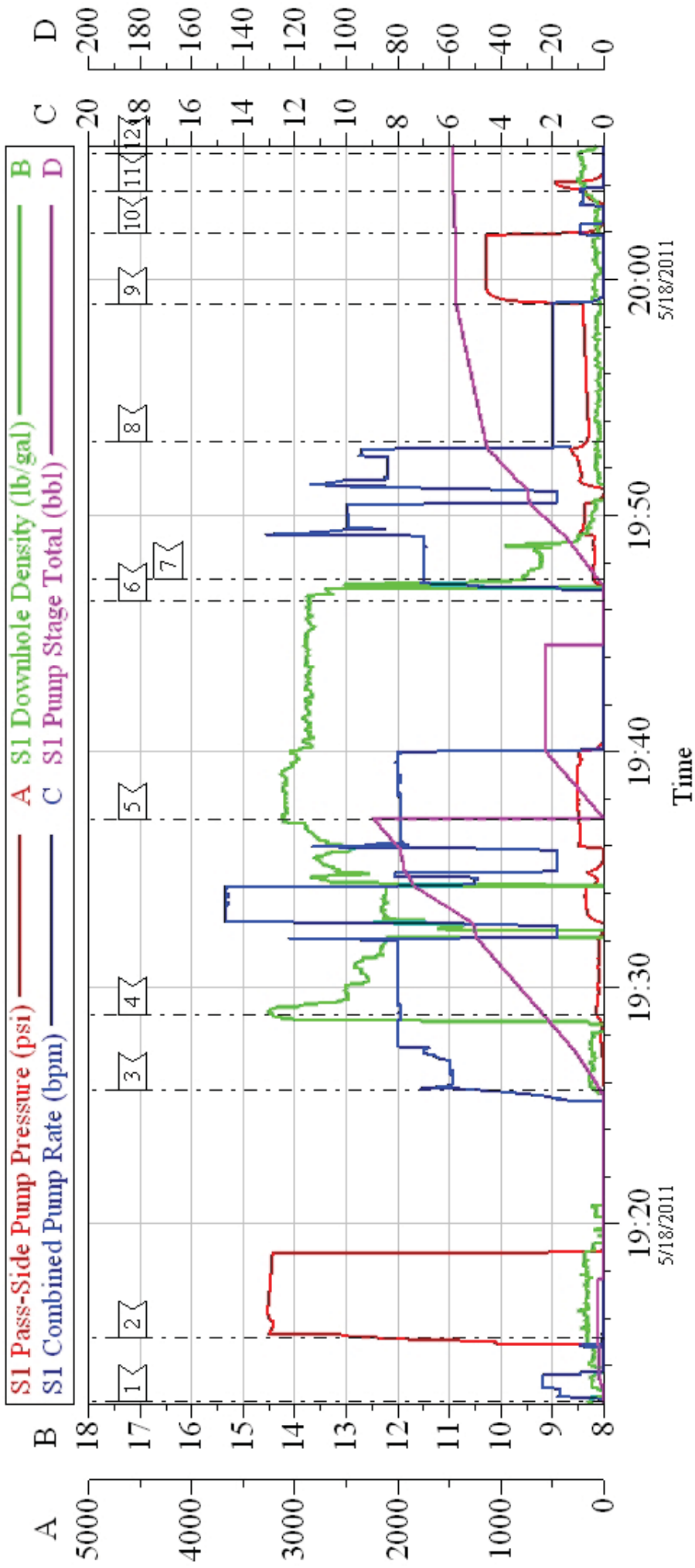
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Legal Description:			
Lat: N 39.497 deg. OR N 39 deg. 29 min. 49.589 secs.		Long: W 107.619 deg. OR W -108 deg. 22 min. 51.679 secs.	
Contractor: Pro Petro		Rig/Platform Name/Num: Pro Petro	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL		Srv Supervisor: TRIPLETT, MICHEAL	MBU ID Emp #: 447908

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Rig Up Safety Meeting	05/18/2011 18:30							STAYED ON LOCATION FROM PREVIOUS SURFACE JOB, GO OVER JSA AND HAVE CREW SIGN.
Rig-Up Equipment	05/18/2011 18:35							
Pre-Job Safety Meeting	05/18/2011 19:00							GO OVER SAFETY INFORMATION AND JOB PROCEDURES
Start Job	05/18/2011 19:12							TD:810', TP:787.55', SJ:44.30', MW:AIR, CASING: 9.625 36#, OH: 12.375"
Test Lines	05/18/2011 19:15						3250.0	PRESSURE TEST LINES AND PUMPS HOLD FOR TWO MINUTES. STARTED AT 3277PSI AND 3247ENDED AT PSI, DROPPED 30PSI IN 2 MINUTES
Pump Spacer 1	05/18/2011 19:25		5	20			147.0	FRESH WATER
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Cementing Job Log

Pump Lead Cement	05/18/2011 19:28		6	50.9			195.0	120 SACKS MIXED @ 12.3, 2.38 YIELD, 13.75GAL/SACK, STARTED PUMPING CEMENT WAS A LITTLE HIGH DUE TO NOT CLOSING CEMENT VALVE ALL THE WAY. WHILE PUMPING CEMENT OPERATOR FORGOT TO CLOSE RELEASE AND WAS GOING INTO DISPLACEMENT TANKS, CLOSED RELEASE AND CONTIUED PUMPING CEMENT.
Pump Tail Cement	05/18/2011 19:37		8	30.6			240.0	120 SACKS MIXED @ 14.2, 1.43 YIELD, 6.85GAL/SACK
Shutdown	05/18/2011 19:46							
Drop Top Plug	05/18/2011 19:47							UNSCREW SWAGE AND DROP PLUG
Pump Displacement	05/18/2011 19:48		10	57.5			360.0	FRESHWATER, WASHED UP ON TOP OF PLUG PER COMPANY REP, RATE WAS ALL OVER THE PLACE DUE TO WASH UP ONTOP OF PLUG AND FLUID RATE COMING OUT OF HOLE.
Slow Rate	05/18/2011 19:53			47.5			196.0	SLOWRATE LAST 10BBLS PRIOR TO BUMPING PLUG.
Bump Plug	05/18/2011 19:58						250.0	BUMP PLUG AND WENT 500PSI OVER TO PSI
Check Floats	05/18/2011 20:01							FLOATS DIDN'T HOLD, PUT 300 PSI ON AND CLOSED 2" VALVE.
End Job	05/18/2011 20:05							STAYED ON LOCATION FOR NEXT SURFACE JOB. THANKS FOR USING HALLIBURTON MIKE TRIPLETT AND CREW.

SURFACE PA 342-12



Local Event Log

1	START JOB	19:12:28	2	PRESSURE TEST	19:15:11
3	START FRESHWATER SPACER	19:25:41	4	START LEAD CEMENT	19:28:53
5	START TAIL CEMENT	19:37:06	6	SHUTDOWN	19:46:25
7	START DISPLACEMENT	19:47:19	8	SLOWRATE	19:53:08
9	BUMP PLUG	19:58:57	10	CHECK FLOATS	20:01:57
11	PUT 300 PSI ON FLOAT	20:03:45	12	END JOB	20:05:21

EVENT #	EVENT	VOLUME	SACKS	WEIGHT	YIELD	GAL/ SK
1	Start Job		3968 <u>Max Psi</u>			
6	Test Lines	3000.0				
10	FRESHWATER	20.0				
13	Lead Cement	50.9	120	12.3	2.38	13.75
15	Tail Cement	30.6	120	14.2	1.43	6.85
22	Drop Plug					
23	KCL DISPLACEMENT	57.5				
	SLOW RATE	47.5				
26	Land Plug	195+500				
2	Release Psi / Job Over					
			Do Not Overdisplace			
DISPLACEMENT	TOTAL PIPE	SHOE JOINT LENGTH		FLOAT COLLAR	BBL/FT	H2O REQ.
57.45	787.55	44.30		743.25	0.0773	150
PSI to Lift Pipe	389	*****<u>Use Mud Scales on Each Tier</u>*****				
Total Displacement	57.45					
CALCULATED DIFFERENTIAL PSI		195		TOTAL FLUID PUMPED		160
Collapse	4960	Burst	5350		SO#	8108103

Sales Order #: 8108103	Line Item: 10	Survey Conducted Date: 5/18/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) 05-045-19656
Well Name: Kaufman		Well Number: 12A-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	5/18/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	MICHEAL TRIPLETT (HB15721)
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

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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	5/18/2011
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)	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	7
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 Name: Kaufman		Well Number: 12A-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	95
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	95
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