

BILL BARRETT CORPORATION E-BILL  
DO NOT MAIL-1099 18TH ST,STE 2300W  
DENVER, Colorado

GGU FED  
GGU FED 43B-29-691

**BARRETT/PETRO PLUS**

## **Post Job Summary**

# **Cement Surface Casing**

Prepared for: JODI SOUTH  
Date Prepared: AUG 29,2010  
Version: 1

Service Supervisor: ARNOLD, EDWARD

Submitted by:

**HALLIBURTON**

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 343492		<b>Ship To #:</b> 2802174		<b>Quote #:</b>		<b>Sales Order #:</b> 7579387	
<b>Customer:</b> BILL BARRETT CORPORATION E-BILL				<b>Customer Rep:</b> South, Jodi			
<b>Well Name:</b> GGU FED			<b>Well #:</b> 43B-29-691			<b>API/UWI #:</b>	
<b>Field:</b> PICEANCE		<b>City (SAP):</b>		<b>County/Parish:</b> Garfield		<b>State:</b> Colorado	
<b>Contractor:</b> BARRETT			<b>Rig/Platform Name/Num:</b> PETRO PLUS				
<b>Job Purpose:</b> Cement Surface Casing							
<b>Well Type:</b> Development Well				<b>Job Type:</b> Cement Surface Casing			
<b>Sales Person:</b> METLI, MARSHALL			<b>Srvc Supervisor:</b> ARNOLD, EDWARD			<b>MBU ID Emp #:</b> 439784	

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARNOLD, EDWARD John	4.5	439784	DUBON, TODD N	4.5	443351	GAMBLE, BENJAMIN T	4.5	446666

**Equipment**

HES Unit #	Distance-1 way						
10867423	120 mile	10897887	120 mile	10951250	120 mile	10973571	120 mile
11542767	120 mile						

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8-29-10	4.5	2.5						

**TOTAL** *Total is the sum of each column separately*

**Job**

**Job Times**

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					29 - Aug - 2010	03:30	MST
<b>Form Type</b>			<b>BHST</b>	<b>On Location</b>	29 - Aug - 2010	03:30	MST
<b>Job depth MD</b>	805. ft		<b>Job Depth TVD</b>	805. ft	<b>Job Started</b>	29 - Aug - 2010	06:24
<b>Water Depth</b>			<b>Wk Ht Above Floor</b>	. ft	<b>Job Completed</b>	29 - Aug - 2010	07:19
<b>Perforation Depth (MD)</b>	<b>From</b>		<b>To</b>		<b>Departed Loc</b>	29 - Aug - 2010	08:00

**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
OPEN HOLE				12.375				.	805.		
SURFACE CASING	Unknown		9.625	8.921	36.		J-55	.	784.5		

**Sales/Rental/3<sup>rd</sup> Party (HES)**

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA	1	EA		
R/A DENSOMETER W/CHART RECORDER, /JOB,ZI	1	JOB		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		

**Tools and Accessories**

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9.625	HES	1
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625	HES	1
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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Spacer		20.00	bbl	8.33	.0	.0	5	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.77	5	13.77
	13.77 Gal	FRESH WATER							
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		57.00	bbl	8.33	.0	.0	5	
Calculated Values		Pressures			Volumes				
Displacement	57.2	Shut In: Instant		Lost Returns		Cement Slurry	81.3	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	17	Actual Displacement	57.2	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	158.5
Rates									
Circulating		Mixing	5	Displacement	5	Avg. Job			5
Cement Left In Pipe	Amount	44.3 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					

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<b>Customer:</b> BILL BARRETT CORPORATION E-BILL		<b>Customer Rep:</b> South, Jodi	
<b>Well Name:</b> GGU FED		<b>Well #:</b> 43B-29-691	<b>API/UWI #:</b>
<b>Field:</b> PICEANCE	<b>City (SAP):</b>	<b>County/Parish:</b> Garfield	<b>State:</b> Colorado
<b>Legal Description:</b>			
<b>Lat:</b> N 0 deg. OR N 0 deg. 0 min. 0 secs.		<b>Long:</b> E 0 deg. OR E 0 deg. 0 min. 0 secs.	
<b>Contractor:</b> BARRETT		<b>Rig/Platform Name/Num:</b> PETRO PLUS	
<b>Job Purpose:</b> Cement Surface Casing			<b>Ticket Amount:</b>
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Surface Casing	
<b>Sales Person:</b> METLI, MARSHALL		<b>Srvc Supervisor:</b> ARNOLD, EDWARD	<b>MBU ID Emp #:</b> 439784

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive At Loc	08/29/2010 03:30							Rig still drilling. Crew on location from previous job.
Call Out	08/29/2010 03:30							
Assessment Of Location Safety Meeting	08/29/2010 03:45							Water test: PH 7; Hardness 120; So4 <200; Fe 0; KCl 250; Chlorides 0; Temp 68 deg.
Pre-Rig Up Safety Meeting	08/29/2010 04:00							Including entire cement crew
Rig-Up Equipment	08/29/2010 04:05							1 Elite # 1; 1 660 bulk truck; 1 hard line from pump to well head; 1 lines to upright. 9.625" screw in head #B0679
Rig-Up Completed	08/29/2010 04:45							
Pre-Job Safety Meeting	08/29/2010 04:50							Including everyone on location
Start Job	08/29/2010 06:24							TD 805; TP 784.5; SJ 44.34; OH 12.375"; CASING 9.625" 36# J-55.
Other	08/29/2010 06:25		2	2			.0	Fill lines with fresh water.
Pressure Test	08/29/2010 06:27						2400.0	PSI test good, no leaks.
Pump Spacer 1	08/29/2010 06:30		5	20			56.0	20 BBL fresh water.
Pump Lead Cement	08/29/2010 06:41		5	50.8			95.0	120 SKs Lead cement, 12.3 ppg; 2.38 cf3; 13.75 gal/sk.
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

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Ship To # :2802174

Quote # :

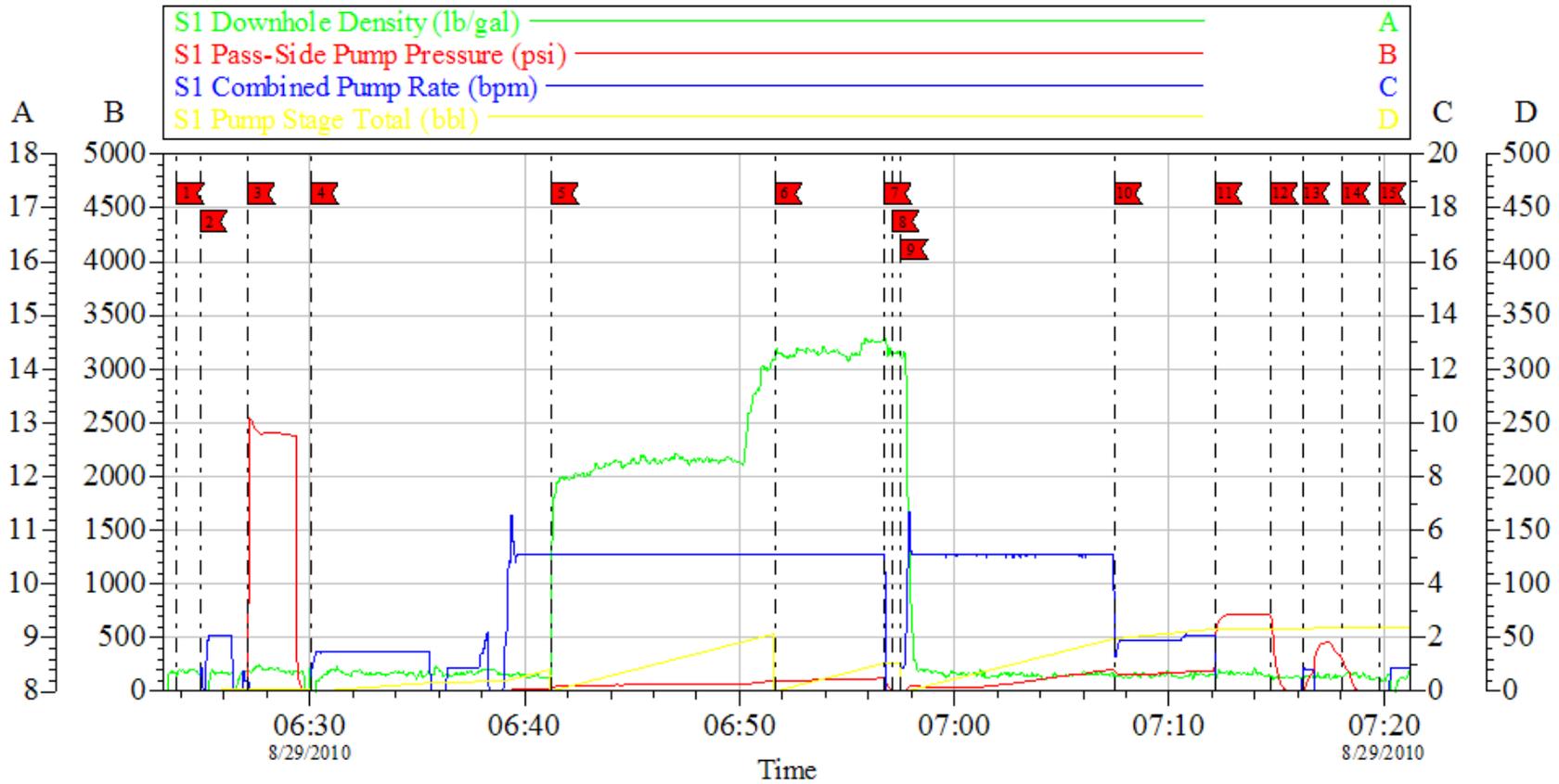
Sales Order # : 7579387

Pump Tail Cement	08/29/2010 06:51		5	30.5			120.0	120 SKs Tail cement, 14.2 ppg; 1.43 cf3; 6.88 gal/sk.
Shutdown	08/29/2010 06:56							
Drop Plug	08/29/2010 06:56							Plug left container.
Pump Displacement	08/29/2010 06:57		5	47.2			170.0	Fresh Water Displacement
Slow Rate	08/29/2010 07:07		2	10			180.0	Slow rate last ten BBLs
Bump Plug	08/29/2010 07:12				57.2		719.0	Bumped plug took 500 psi over.
Check Floats	08/29/2010 07:14							Floats were leaking.
Bump Plug	08/29/2010 07:16						400.0	Pressure up on well.
Shut In Well	08/29/2010 07:18						200.0	Shut in well with 200 PSI on well.
End Job	08/29/2010 07:19							
Pre-Rig Down Safety Meeting	08/29/2010 07:30							Including entire cement crew.
Standby - Other - see comments	08/29/2010 08:00							Wait on location for next job.
Other	08/29/2010 08:00							Thank You for using Halliburton. Ed Arnold and crew.

# BILL BARRETT

## 9.625" SURFACE

### GGU FED 43B-29-691



START JOB	06:23:49	FILL LINES	06:24:53	TEST LINES	06:27:06
PUMP H2O SPACER	06:30:04	PUMP LEAD CEMENT	06:41:15	PUMP TAIL CEMENT	06:51:39
SHUT DOWN	06:56:45	DROP PLUG	06:57:06	PUMP H2O DISPLACEMENT	06:57:31
SLOW RATE	07:07:28	BUMP PLUG	07:12:07	CHECK FLOATS	07:14:44
REBUMP PLUG	07:16:12	SHUT IN WELL	07:18:05	END JOB	07:19:45

Customer: BILL BARRETT	Job Date: 29-Aug-2010	Sales Order #: 7579387
Well Description: GGU FED 43B-29-691	Job Type: 9.625" SURFACE	ADC Used: YES
Company Rep: JODI SOUTH	Cement Supervisor: ED ARNOLD	Elite #1: TRACY GAMBLE