
BILL BARRETT CORPORATION E-BILL

**WERNER 44C-23-692
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
09-Jul-2010

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2793669	Quote #:	Sales Order #: 7484701
Customer: BILL BARRETT CORPORATION E-BILL	Customer Rep: South, Jody		
Well Name: WERNER	Well #: 44C-23-692	API/UWI #: 05-045-10715	
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.507 deg. OR N 39 deg. 30 min. 26.392 secs.	Long: W 107.63 deg. OR W -108 deg. 22 min. 10.589 secs.		
Contractor: BARRETT	Rig/Platform Name/Num: PETRO PLUS		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: METLI, MARSHALL	Srv Supervisor: ARNOLD, EDWARD	MBU ID Emp #: 439784	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARNOLD, EDWARD John	6.5	439784	DUBON, TODD N	6.5	443351	LEIST, JAMES R	6.5	362787
MUHLESTEIN, RYAN Herrick	6.5	453609						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
	120 mile	10741259	120 mile	10823383	120 mile	10951250	120 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
7/9/10 7		2.5						

TOTAL Total is the sum of each column separately

Job

Formation Name	Job	Job Times
Formation Depth (MD)	Top Bottom	Called Out Date Time Time Zone
Form Type	BHST	On Location 09 - Jul - 2010 00:00 MST
Job depth MD	790. ft Job Depth TVD 790. ft	Job Started 09 - Jul - 2010 04:35 MST
Water Depth	Wk Ht Above Floor . ft	Job Completed 09 - Jul - 2010 05:22 MST
Perforation Depth (MD)	From To	Departed Loc 09 - Jul - 2010 06:30 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
Open Hole				12.375				.	790.		
Surface Pipe	Unknown	9.625		8.921	36.		J-55	.	772.4		

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		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB		
R/A DENSOMETER W/CHART RECORDER,/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 1		HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625 1		HES
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	.	.0	.0	5.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.75	7.0	13.75
	13.75 Gal	FRESH WATER							
3	Tail Cement	SWIFTCES (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.88	7.0	6.72
	6.715 Gal	FRESH WATER							
4	DISPLACEMENT		56.00	bbl	.	.0	.0	6.0	
Calculated Values		Pressures		Volumes					
Displacement	56.3	Shut In: Instant		Lost Returns	0	Cement Slurry	81.4	Pad	
Top Of Cement	Surface	5 Min		Cement Returns	23	Actual Displacement	56.3	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	157.7
Rates									
Circulating		Mixing	7	Displacement	6	Avg. Job			6.5
Cement Left In Pipe	Amount	43.6 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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Field: MAMM CREEK		City (SAP): SILT		County/Parish: Garfield		State: Colorado	
Legal Description:							
Lat: N 39.507 deg. OR N 39 deg. 30 min. 26.392 secs.				Long: W 107.63 deg. OR W -108 deg. 22 min. 10.589 secs.			
Contractor: BARRETT			Rig/Platform Name/Num: PETRO PLUS				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: METLI, MARSHALL			Srvc Supervisor: ARNOLD, EDWARD			MBU ID Emp #: 439784	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	07/08/2010 21:00							
Pre-Convoy Safety Meeting	07/08/2010 21:45							Including entire cement crew
Arrive At Loc	07/09/2010 00:00							Rig still drilling.
Assessment Of Location Safety Meeting	07/09/2010 00:15							Water test: PH 7 ; Hardness 250; So4 <200; Fe 0; KCl 0; Chlorides 0; Temp 70 deg.
Pre-Rig Up Safety Meeting	07/09/2010 04:00							Including entire cement crew
Rig-Up Equipment	07/09/2010 04:05							1 ZS-4; 1 660 bulk truck; 1 hard line from pump to well head; 1 line to upright. 9.625" screw in head #B0679
Rig-Up Completed	07/09/2010 04:20							
Pre-Job Safety Meeting	07/09/2010 04:25							Including everyone on location
Start Job	07/09/2010 04:35							TD 790; TP 772.4; SJ 43.6; OH 12 3/8"; CASING 9.625" 36# J-55.
Other	07/09/2010 04:36	2		2			7.0	Fill lines with fresh water.
Pressure Test	07/09/2010 04:37						3010.0	PSI test good, no leaks.
Pump Spacer 1	07/09/2010 04:40	5		20			39.0	20 BBL fresh water.
Pump Lead Cement	07/09/2010 04:47	6		50.8			68.0	120 SKs Lead cement, 12.3 ppg; 2.38 cf3; 13.75 gal/sk.
Pump Tail Cement	07/09/2010 04:55	6		30.6			188.0	120 SKs Tail cement, 14.2 ppg; 1.43 cf3; 6.88 gal/sk.

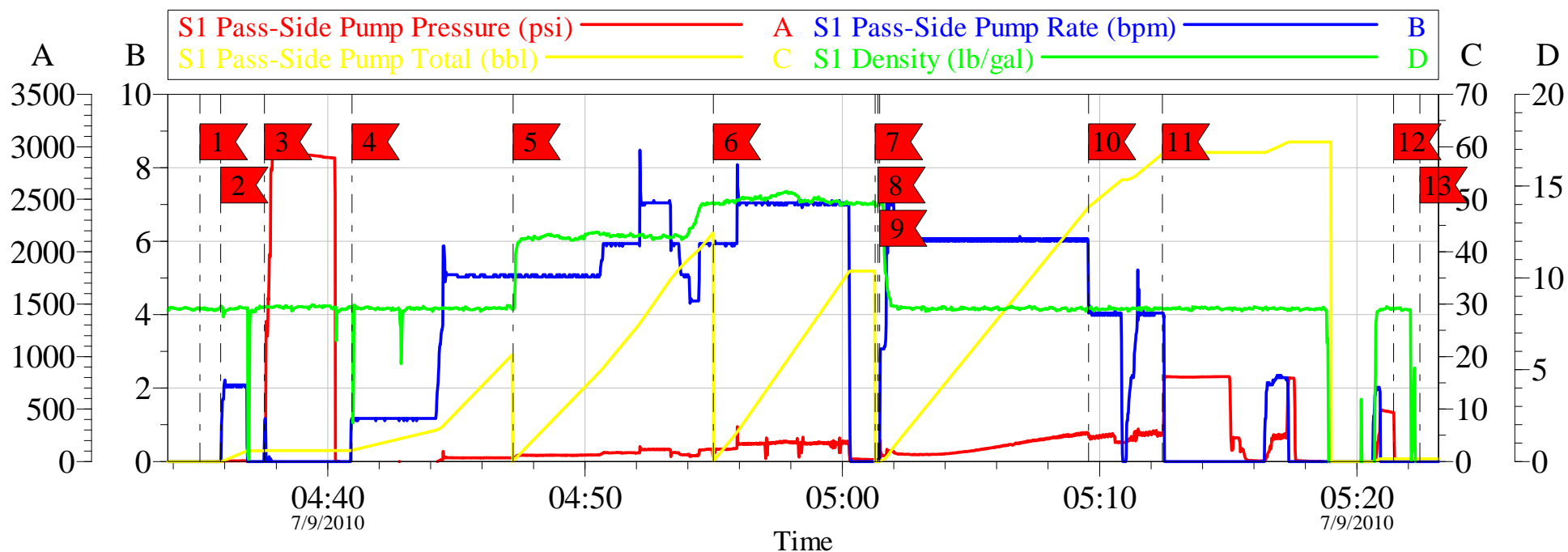
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Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	07/09/2010 05:00							
Drop Plug	07/09/2010 05:01							Plug left container.
Pump Displacement	07/09/2010 05:01	6		46.3			268.0	Fresh Water Displacement
Slow Rate	07/09/2010 05:09	4		10			270.0	Slow rate last ten BBLs
Bump Plug	07/09/2010 05:12				56.3		810.0	Bumped plug took 500 psi over.
Check Floats	07/09/2010 05:14							Floats held on third attempt. .5 BBL back.
End Job	07/09/2010 05:22							
Pre-Rig Down Safety Meeting	07/09/2010 05:30							Including entire cement crew.
Crew Leave Location	07/09/2010 07:00							Wait on location for next job.
Other	07/09/2010 07:01							Thank You for using Halliburton. Ed Arnold and crew.

Bill Barrett

9 5/8" Surface

44C-23-692



Local Event Log

1	START JOB	04:35:02	2	FILL LINES	04:35:50
3	TEST LINES	04:37:32	4	H2O SPACER	04:40:57
5	PUMP LEAD CEMENT	04:47:12	6	PUMP TAIL CEMENT	04:54:59
7	SHUT DOWN	05:01:17	8	DROP PLUG	05:01:23
9	PUMP DISPLACEMENT	05:01:27	10	SLOW RATE	05:09:34
11	BUMP PLUG	05:12:26	12	CHECK FLOATS	05:21:26
13	END JOB	05:22:27			

Customer: Bill Barrett
Well Description: 44C-23-692
Company Rep: Jodi South

Job Date: 09-Jul-2010
Job Type: 9.625" Surface
Cement Supv.: Ed Arnold

Sales Order #: 7484701
ADC Used: Yes
ZS4: Todd Dubon

OptiCem v6.4.8
09-Jul-10 05:33