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# **LARAMIE ENERGY II LLC**

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**Bruton 30-06B  
WILD CAT  
Mesa County , Colorado**

## **Cement Production Casing** **13-Feb-2012**

### **Post Job Report**

## The Road to Excellence Starts with Safety

Sold To #: 344919	Ship To #: 2906350	Quote #:	Sales Order #: 9141540
Customer: LARAMIE ENERGY II LLC EBUSINESS	Customer Rep: Claussen, Kelly		
Well Name: Bruton	Well #: 30-06B	API/UWI #: 05-077-10104	
Field: WILD CAT	City (SAP): COLLBRAN	County/Parish: Mesa	State: Colorado
Lat: N 39.248 deg. OR N 39 deg. 14 min. 52.159 secs.	Long: W 107.809 deg. OR W -108 deg. 11 min. 28.784 secs.		
Contractor: Precision	Rig/Platform Name/Num: PRECISION 706		
Job Purpose: Cement Production Casing			
Well Type: Development Well	Job Type: Cement Production Casing		
Sales Person: METLI, MARSHALL	Srvc Supervisor: SLAUGHTER, JESSE	MBU ID Emp #: 454315	

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BRENNECKE, ANDREW Bailey	6	486345	DOUT, JACOB J	6	430298	LYNGSTAD, FREDRICK D	6	403742
SLAUGHTER, JESSE Dean	6	454315	WOLFE, JON P	6	485217			

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025118	85 mile	10564022	85 mile	10722398	85 mile	10867094	85 mile
10897925	85 mile	11139330	85 mile	11360875	85 mile	11360881	85 mile
11542767	85 mile	11583933	85 mile				

## Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
2-13-2012	6	6						

**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	13 - Feb - 2012	06:30	MST
Form Type		BHST	Job Started	13 - Feb - 2012	12:00	MST
Job depth MD	7971. ft	Job Depth TVD	Job Completed	13 - Feb - 2012	14:14	MST
Water Depth		Wk Ht Above Floor	Departed Loc	13 - Feb - 2012	15:37	MST
Perforation Depth (MD)	From	To		13 - Feb - 2012	18:00	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
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Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA		
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
PLUG,CMTG,TOP,4 1/2,HWE,3.65 MIN/4.14 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	4.5	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	4.5	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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water Spacer	FRESH WATER	10.00	bbl	8.33	.0	.0	2	
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)	20.00	bbl	8.4	.0	.0	4	
3	Fresh Water Spacer	FRESH WATER	10.00	bbl	8.33	.0	.0	4	
4	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	425.0	sacks	11.	2.75	16.11	8	16.11
16.11 Gal		FRESH WATER							
5	Tail Cement	HALCEM (TM) SYSTEM (452986)	350.0	sacks	13.5	1.48	6.38	8	6.38
6.38 Gal		FRESH WATER							
6	KCL Water Displacement	KCL DISPLACEMENT	122.9	bbl	8.65	.0	.0	8	
<b>Calculated Values</b>		<b>Pressures</b>		<b>Volumes</b>					
Displacement	122.9	Shut In: Instant		Lost Returns	NO	Cement Slurry	301	Pad	
Top Of Cement	587	5 Min		Cement Returns	NO	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	463
<b>Rates</b>									
Circulating		Mixing	8	Displacement	8	Avg. Job	8		
Cement Left In Pipe	Amount	0 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*

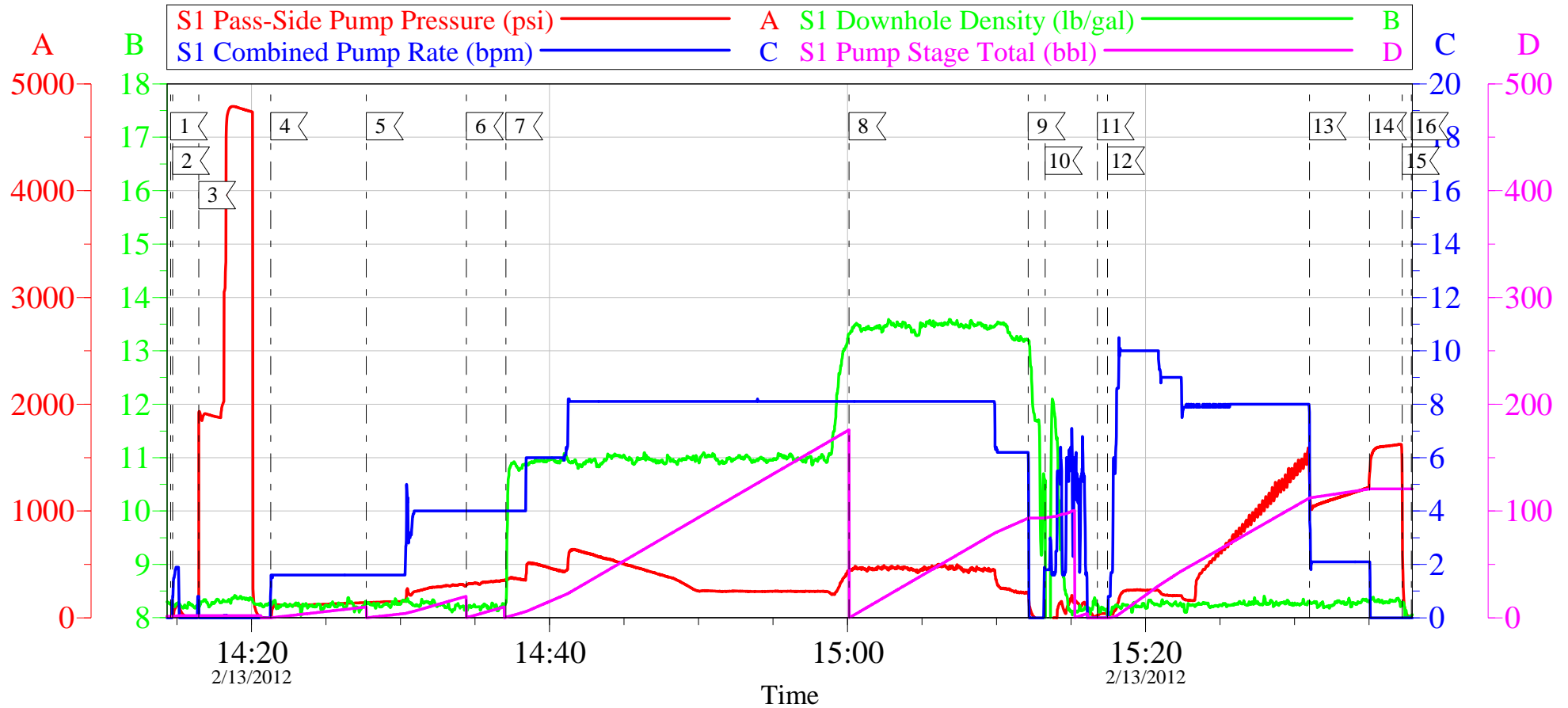
<b>Sold To #:</b> 344919		<b>Ship To #:</b> 2906350		<b>Quote #:</b>		<b>Sales Order #:</b> 9141540	
<b>Customer:</b> LARAMIE ENERGY II LLC EBUSINESS				<b>Customer Rep:</b> Claussen, Kelly			
<b>Well Name:</b> Bruton			<b>Well #:</b> 30-06B			<b>API/UWI #:</b> 05-077-10104	
<b>Field:</b> WILD CAT		<b>City (SAP):</b> COLLBRAN		<b>County/Parish:</b> Mesa		<b>State:</b> Colorado	
<b>Legal Description:</b>							
<b>Lat:</b> N 39.248 deg. OR N 39 deg. 14 min. 52.159 secs.				<b>Long:</b> W 107.809 deg. OR W -108 deg. 11 min. 28.784 secs.			
<b>Contractor:</b> Precision			<b>Rig/Platform Name/Num:</b> PRECISION 706				
<b>Job Purpose:</b> Cement Production Casing						<b>Ticket Amount:</b>	
<b>Well Type:</b> Development Well			<b>Job Type:</b> Cement Production Casing				
<b>Sales Person:</b> METLI, MARSHALL			<b>Srv Supervisor:</b> SLAUGHTER, JESSE			<b>MBU ID Emp #:</b> 454315	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/13/2012 09:29							TD 7975 FT, TP 7971 FT, SHOE 42 FT, CSG 4 1/2 IN 11.6 LB/FT, HOLE 7 7/8 IN, MUD WT 9.7 PPG
Pre-Convoy Safety Meeting	02/13/2012 09:29							WITH ALL HES PERSONNEL
Crew Leave Yard	02/13/2012 09:29							
Arrive At Loc	02/13/2012 12:00							RIG WAS CIRCULATING UPON HES ARRIVAL
Assessment Of Location Safety Meeting	02/13/2012 12:10							WITH ALL HES PERSONNEL
Other	02/13/2012 12:20							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	02/13/2012 12:30							WITH ALL HES PERSONNEL
Rig-Up Equipment	02/13/2012 12:40							
Pre-Job Safety Meeting	02/13/2012 14:00							WITH ALL PERSONNEL ON LOCATION
Start Job	02/13/2012 14:14							
Other	02/13/2012 14:14		2	2			70.0	FILL LINES WITH FRESH WATER
Test Lines	02/13/2012 14:16							TESTED LINES TO 4790 PSI PRESSURE HOLDING
Pump Spacer 1	02/13/2012 14:21		2	10			143.0	FRESH WATER
Pump Spacer 2	02/13/2012 14:27		4	20			335.0	MUDFLUSH III
Pump Spacer 1	02/13/2012 14:34		4	10			351.0	FRESH WATER

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	02/13/2012 14:37		8	208.2			440.0	425 SKS AT 11 PPG, 2.75 FT3/SK, 16.11 GAL/SK
Pump Tail Cement	02/13/2012 15:00		8	92.3			458.0	350 SKS AT 13.5 PPG, 1.48 FT3/SK, 6.38 GAL/SK
Shutdown	02/13/2012 15:12							
Clean Lines	02/13/2012 15:13							WASH PUMPS AND LINES TO PIT
Drop Top Plug	02/13/2012 15:16							PLUG LAUNCHED
Pump Displacement	02/13/2012 15:17		8	112.9			1595.0	FRESH WATER WITH 75 LB KCL PER 10 BBL
Slow Rate	02/13/2012 15:30		2	10			1275.0	SLOW RATE 10 BBLS PRIOR TO CALCULATED DISPLACEMENT.
Bump Plug	02/13/2012 15:35		2		122.9		1615.0	PLUG BUMPED
Check Floats	02/13/2012 15:37							FLOATS HOLDING. HES RETURNED 1 BBL H2O TO PUMP
End Job	02/13/2012 15:37							PIPE WAS STATIC DURING JOB, GOOD CIRCULATION THROUGHOUT JOB
Pre-Rig Down Safety Meeting	02/13/2012 15:45							WITH ALL HES PERSONNEL
Rig-Down Equipment	02/13/2012 15:50							
Pre-Convoy Safety Meeting	02/13/2012 17:50							WITH ALL HES PERSONNEL
Crew Leave Location	02/13/2012 18:00							
Comment	02/13/2012 18:01							THANK YOU FOR USING HALLIBURTON CEMENT DEPARTMENT. JESSE SLAUGHTER AND CREW

# LARAMIE II BRUTON 30-06B

## 4 1/2 PRODUCTION



### Local Event Log

1 START JOB	14:14:34	2 PRIME LINES	14:14:43	3 TEST LINES	14:16:27
4 PUMP H2O SPACER	14:21:17	5 PUMP MUDFLUSH	14:27:43	6 PUMP H2O SPACER	14:34:26
7 PUMP LEAD CEMENT	14:37:05	8 PUMP TAIL CEMENT	15:00:06	9 SHUTDOWN	15:12:08
10 CLEAN PUMPS AND LINES	15:13:16	11 DROP TOP PLUG	15:16:46	12 PUMP DISPLACEMENT	15:17:27
13 SLOW RATE	15:30:59	14 BUMP PLUG	15:35:02	15 CHECK FLOATS	15:37:14
16 END JOB	15:37:50				

Customer: LARAMIE II  
Well Description: BRUTON 30-06B  
Customer Rep: KELLY CLAUSSEN

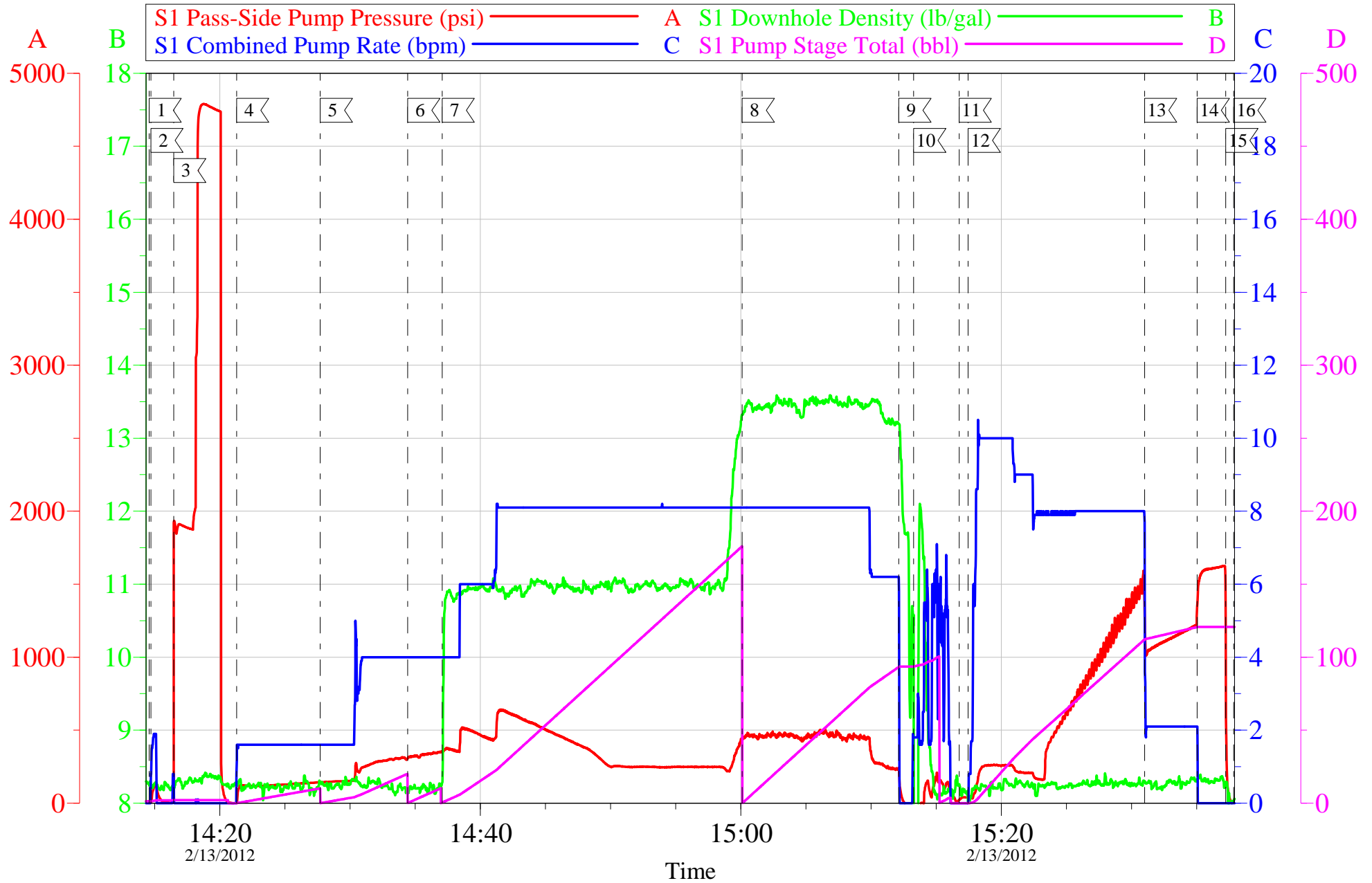
Job Date: 13-Feb-2012  
Job Type: PRODUCTION  
Cement Supervisor: JESSE SLAUGHTER

Sales Order #: 9141540  
ADC Used: YES  
Elite #1: JACOB DOUT

OptiCem v6.4.10  
13-Feb-12 15:49

# LARAMIE II BRUTON 30-06B

## 4 1/2 PRODUCTION



Customer: LARAMIE II	Job Date: 13-Feb-2012	Sales Order #: 9141540
Well Description: BRUTON 30-06B	Job Type: PRODUCTION	ADC Used: YES
Customer Rep: KELLY CLAUSSEN	Cement Supervisor: JESSE SLAUGHTER	Elite #1: JACOB DOUT

OptiCem v6.4.10  
13-Feb-12 15:50

# HALLIBURTON

## Water Analysis Report

Company: LARAMIE II

Submitted by: JESSE SLAUGHTER

Attention: LAB

Lease BRUTON

Well # 30-06B

Date: 2/13/2012

Date Rec.:

S.O.# 9141540

Job Type: PRODUCTION

Specific Gravity	<i>MAX</i>	<b>1</b>
pH	<i>8</i>	<b>6</b>
Potassium (K)	<i>5000</i>	<b>250</b> Mg / L
Calcium (Ca)	<i>500</i>	<b>120</b> Mg / L
Iron (FE2)	<i>300</i>	<b>0</b> Mg / L
Chlorides (Cl)	<i>3000</i>	<b>0</b> Mg / L
Sulfates (SO <sub>4</sub> )	<i>1500</i>	<b>UNDER 200</b> Mg / L
Chlorine (Cl <sub>2</sub> )		<b>0</b> Mg / L
Temp	<i>40-80</i>	<b>55</b> Deg
Total Dissolved Solids		<b>200</b> Mg / L

Respectfully: JESSE SLAUGHTER

Title: CEMENTING SUPERVISOR

Location: Grand Junction, CO

NOTICE:

This report is limited to the described sample tested. Any person using or relying on this report agrees that Halliburton shall not be liable for any loss or damage whether due to act or omission resulting from such report or its use.



<b>Sales Order #:</b> 9141540	<b>Line Item:</b> 10	<b>Survey Conducted Date:</b> 2/13/2012
<b>Customer:</b> LARAMIE ENERGY II LLC EBUSINESS		<b>Job Type (BOM):</b> CMT PRODUCTION CASING BOM
<b>Customer Representative:</b> KELLY CLAUSSEN		<b>API / UWI: (leave blank if unknown)</b> 05-077-10104
<b>Well Name:</b> Bruton		<b>Well Number:</b> 30-06B
<b>Well Type:</b> Development Well	<b>Well Country:</b> United States of America	
<b>H2S Present:</b>	<b>Well State:</b> Colorado	<b>Well County:</b> Mesa

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	2/13/2012
Survey Interviewer	The survey interviewer is the person who initiated the survey.	JESSE SLAUGHTER (HB21762)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	KELLY CLAUSSEN
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	

<b>CUSTOMER SIGNATURE</b>
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<b>Sales Order #:</b> 9141540	<b>Line Item:</b> 10	<b>Survey Conducted Date:</b> 2/13/2012
<b>Customer:</b> LARAMIE ENERGY II LLC EBUSINESS		<b>Job Type (BOM):</b> CMT PRODUCTION CASING BOM
<b>Customer Representative:</b> KELLY CLAUSSEN		<b>API / UWI: (leave blank if unknown)</b> 05-077-10104
<b>Well Name:</b> Bruton		<b>Well Number:</b> 30-06B
<b>Well Type:</b> Development Well	<b>Well Country:</b> United States of America	
<b>H2S Present:</b>	<b>Well State:</b> Colorado	<b>Well County:</b> Mesa

### KEY PERFORMANCE INDICATORS

General	
<b>Survey Conducted Date</b> The date the survey was conducted	2/13/2012

Cementing KPI Survey	
<b>Type of Job</b> Select the type of job. (Cementing or Non-Cementing)	0
<b>Select the Maximum Deviation range for this Job</b> What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	Deviated
<b>Total Operating Time (hours)</b> Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	6
<b>HSE Incident, Accident, Injury</b> HSE Incident, Accident, Injury. This should be recordable incidents only.	No
<b>Was the job purpose achieved?</b> Was the job delivered correctly as per customer agreed design?	Yes
<b>Operating Hours (Pumping Hours)</b> Total number of hours pumping fluid on this job. Enter in decimal format.	1.5
<b>Customer Non-Productive Rig Time (hrs)</b> 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
<b>Type of Rig Classification Job Was Performed</b> Type Of Rig (classification) Job Was Performed On	Drilling Rig (Portable)
<b>Number Of JSAs Performed</b> Number Of Jsas Performed	6
<b>Number of Unplanned Shutdowns</b> Unplanned shutdown is when injection stops for any period of time.	0
<b>Was this a Primary Cement Job (Yes / No)</b>	Yes

<b>Sales Order #:</b> 9141540	<b>Line Item:</b> 10	<b>Survey Conducted Date:</b> 2/13/2012
<b>Customer:</b> LARAMIE ENERGY II LLC EBUSINESS		<b>Job Type (BOM):</b> CMT PRODUCTION CASING BOM
<b>Customer Representative:</b> KELLY CLAUSSEN		<b>API / UWI: (leave blank if unknown)</b> 05-077-10104
<b>Well Name:</b> Bruton		<b>Well Number:</b> 30-06B
<b>Well Type:</b> Development Well	<b>Well Country:</b> United States of America	
<b>H2S Present:</b>	<b>Well State:</b> Colorado	<b>Well County:</b> Mesa

Primary Cement Job= Casing job, Liner job, or Tie-back job.	
<b>Did We Run Wiper Plugs?</b> Did We Run Top And Bottom Casing Wiper Plugs?	Top
<b>Mixing Density of Job Stayed in Designed Density Range (0-100%)</b> Density Range defined as +/- .20 ppg. Calculation: Total BBLs cement mixed at designed density divided by total BBLs of cement multiplied by 100	98
<b>Was Automated Density Control Used?</b> Was Automated Density Control (ADC) Used ?	Yes
<b>Pump Rate (percent) of Job Stayed At Designed Pump Rate</b> 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
<b>Nbr of Remedial Sqz Jobs Rqd - Competition</b> Number Of Remedial Squeeze Jobs Required After Primary Job Performed By Competition	0
<b>Nbr of Remedial Plug Jobs Rqd - HES</b> Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES	0
<b>Nbr of Remedial Sqz Jobs Rqd - HES</b> Number Of Remedial Squeeze Jobs Required After Primary Job Performed By HES	0