
LARAMIE ENERGY II LLC EBUSINESS

**BRUTON 30-16B
WILD CAT
Garfield County , Colorado**

Cement Production Casing
17-Dec-2011

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 344919	Ship To #: 2896148	Quote #:	Sales Order #: 9092182
Customer: LARAMIE ENERGY II LLC EBUSINESS	Customer Rep: Claussen, Cory		
Well Name: BRUTON	Well #: 30-16B	API/UWI #: 05-077-10101	
Field: WILD CAT	City (SAP):	County/Parish: Garfield	State: Colorado
Lat: N 39.248 deg. OR N 39 deg. 14 min. 51.778 secs.	Long: W 107.809 deg. OR W -108 deg. 11 min. 29.076 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: RYON NICKLE	MBU ID Emp #: 454759	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARTER, ERIC Earl	6.5	345598	NICKLE, RYON	6.5	454759	PARKER, BRANDON	6.5	503646
ROSE, BENJAMIN Keith	6.5	487022						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248057	85 mile	10856464	85 mile	10872429	85 mile	11071463	85 mile
11259885	85 mile	11360883	85 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12/17/2011	6.5	1.5						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Water Depth	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
		1558	8030	BHST	8030. ft					17 - Dec - 2011	04:30	MST	
										17 - Dec - 2011	09:00	MST	
										17 - Dec - 2011	13:13	MST	
										17 - Dec - 2011	14:38	MST	
										17 - Dec - 2011	16:30	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				7.875				1558.	8030.	1558.	8030.
PRODUCTION CASING	Unknown		4.5	4.	11.6		I-80	.	8027.	.	8027.
SURFACE CASING	Unknown		8.625	7.921	32.		J-55	.	1558.	.	1558.

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA		
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		70	

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
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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		
1	Fresh Water Spacer				10.00	bbl	8.33	.0	.0	4			
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)			475.0	sacks	11.	2.75	16.11	8	16.11		
	16.11 Gal	FRESH WATER											
3	Tail Cement	HALCEM (TM) SYSTEM (452986)			285.0	sacks	13.5	1.48	6.38	7.5	6.38		
	6.38 Gal	FRESH WATER											
4	KCL Water Displacement				123.8	bbl	8.65	.0	.0	10			
Calculated Values		Pressures			Volumes								
Displacement	123.8	Shut In: Instant			Lost Returns		Cement Slurry		307.7	Pad			
Top Of Cement		5 Min			Cement Returns		0	Actual Displacement		123.8	Treatment		
Frac Gradient		15 Min			Spacers		10	Load and Breakdown			Total Job		443.5
Rates													
Circulating	RIG	Mixing		7.75	Displacement		10	Avg. Job		8.75			
Cement Left In Pipe	Amount	42 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

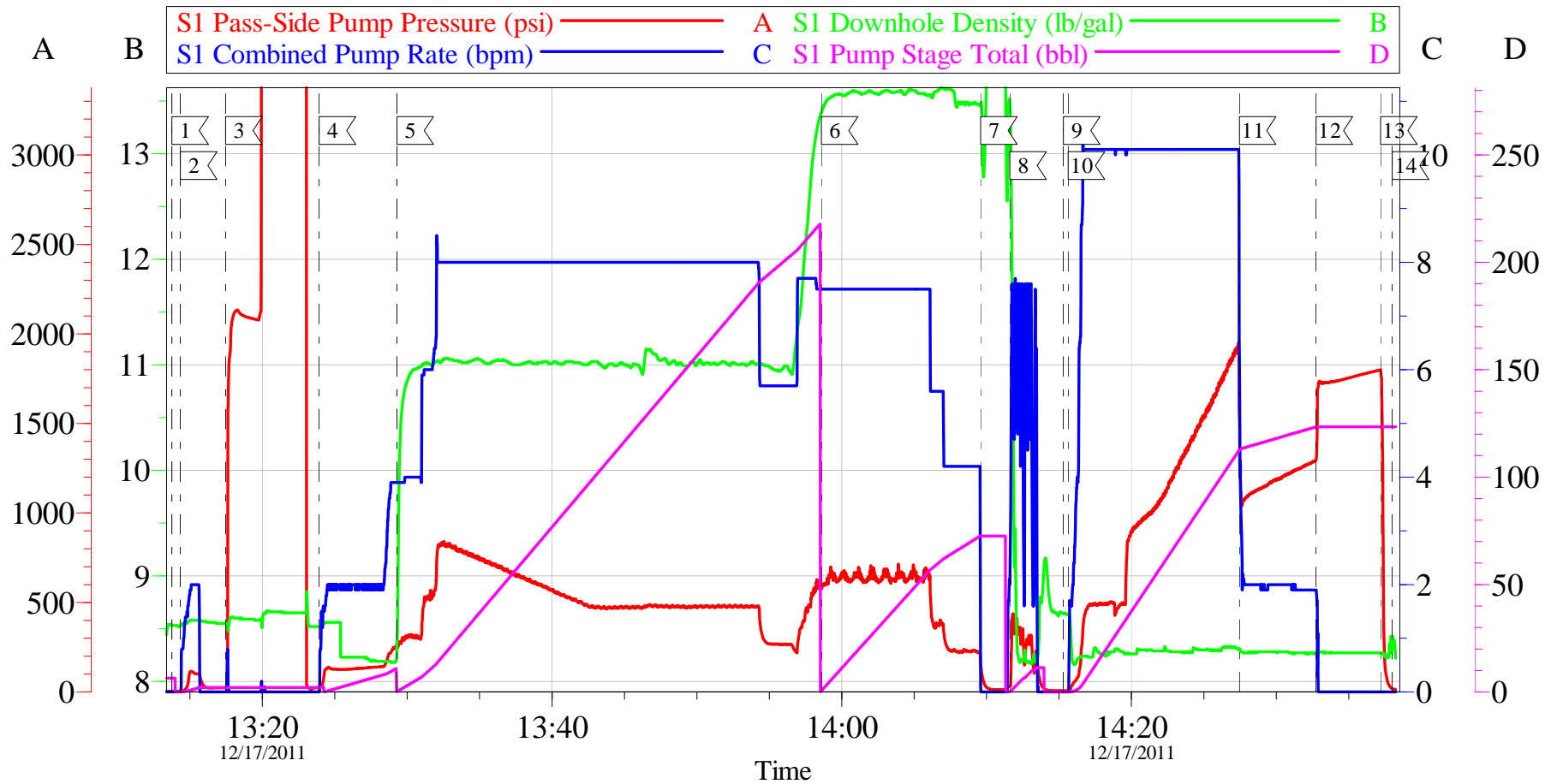
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Well Name: BRUTON			Well #: 30-16B			API/UWI #: 05-077-10101	
Field: WILD CAT		City (SAP):		County/Parish: Garfield		State: Colorado	
Legal Description:							
Lat: N 39.248 deg. OR N 39 deg. 14 min. 51.778 secs.				Long: W 107.809 deg. OR W -108 deg. 11 min. 29.076 secs.			
Contractor: Precision			Rig/Platform Name/Num: PRECISION 706				
Job Purpose: Cement Production Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Production Casing				
Sales Person: METLI, MARSHALL			Srvc Supervisor: RYON NICKLE			MBU ID Emp #: 454759	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Other Job or Site	12/17/2011 09:00							RIG RUNNING CASING
Assessment Of Location Safety Meeting	12/17/2011 09:05							ALL HES PERSONEL,
Rig-Up Equipment	12/17/2011 12:00							1- CEMENTERS F-550, 1- ELITE PUMP TRUCK, 1- 400 CF BODY LOAD, 1- FEILD STORAGE BIN, 1 WINCH TRACTOR SPOTTED
Pre-Job Safety Meeting	12/17/2011 12:50							ALL HES PERSONEL AND RIG CREW
Start Job	12/17/2011 13:13							TD- 8030', TP-8027', SJ-42', MUD- 9.9 PPG, CSG- 4.5 11.6 # I-80, SURF CSG- 8.625" 32 # J-55 SET@ 1558', OH- 7.75" TO TD
Other	12/17/2011 13:14		2	2			125.0	FILL LINES; FRESH WATER
Pressure Test	12/17/2011 13:17							ALL LINES HELD PRESSURE, PRESSURE TO 4810 PSI, HELD FOR 2 MINUTES, PRESSURE DROPPED TO 4760 PSI
Pump Spacer 1	12/17/2011 13:23		4	10			220.0	FRESH WATER
Pump Lead Cement	12/17/2011 13:29		8	232.6 4			771.0	475 SKS, 11 PPG, 2.75 FT3/SK, 16.11 GAL/SK
Pump Tail Cement	12/17/2011 13:58		7.5	75.1			667.0	285 SKS, 13.5 PPG, 1.48 FT3/SK, 6.38 GAL/SK
Shutdown	12/17/2011 14:09							

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Clean Lines	12/17/2011 14:11							CLEAN LINES W/ FRESH WATER, WASH UP TO PIT
Drop Top Plug	12/17/2011 14:15							PLUG LAUNCHED
Pump Displacement	12/17/2011 14:15		10	113.7	6		1957.0	FRESH WATER, 2% KCL (1.5 SKS KCL / 10 BBLS H2O)
Slow Rate	12/17/2011 14:27		2	10			1290.0	
Bump Plug	12/17/2011 14:32						1290.0	
Check Floats	12/17/2011 14:37						1798.0	FLOATS HELD, 1/2 BBL RETURNED
End Job	12/17/2011 14:38							PIPE WAS NOT RECIPROCATED, GOOD RETURNS THROUGHOUT JOB, 0 BBLS CEMENT TO SURFACE
Post-Job Safety Meeting (Pre Rig-Down)	12/17/2011 14:40							ALL HES PERSONEL
Rig-Down Equipment	12/17/2011 14:50							
Pre-Convoy Safety Meeting	12/17/2011 16:20							ALL HES PERSONEL
Crew Leave Location	12/17/2011 16:30							THANK YOU FOR USING HALLIBURTON CEMENTING, RYON NICKLE AND CREW

LARAMIE II - BRUTON 30-16B

PRODUCTION



Local Event Log

1 START JOB	13:13:45	2 FILL LINES	13:14:21	3 PRESSURE TEST	13:17:28
4 PUMP H2O SPACER	13:23:56	5 PUMP LEAD CEMENT	13:29:18	6 PUMP TAIL CEMENT	13:58:36
7 SHUT DOWN	14:09:35	8 CLEAN LINES	14:11:36	9 DROP TOP PLUG	14:15:18
10 PUMP DISPLACEMENT	14:15:38	11 SLOW RATE	14:27:27	12 BUMP PLUG	14:32:45
13 CHECK FLOATS	14:37:12	14 END JOB	14:38:01		

Customer: LARAMIE ENERGY II LLC EBUSINESS
Well Description: BRUTON 30-16B
Company Rep: KELLY CLAUSEN

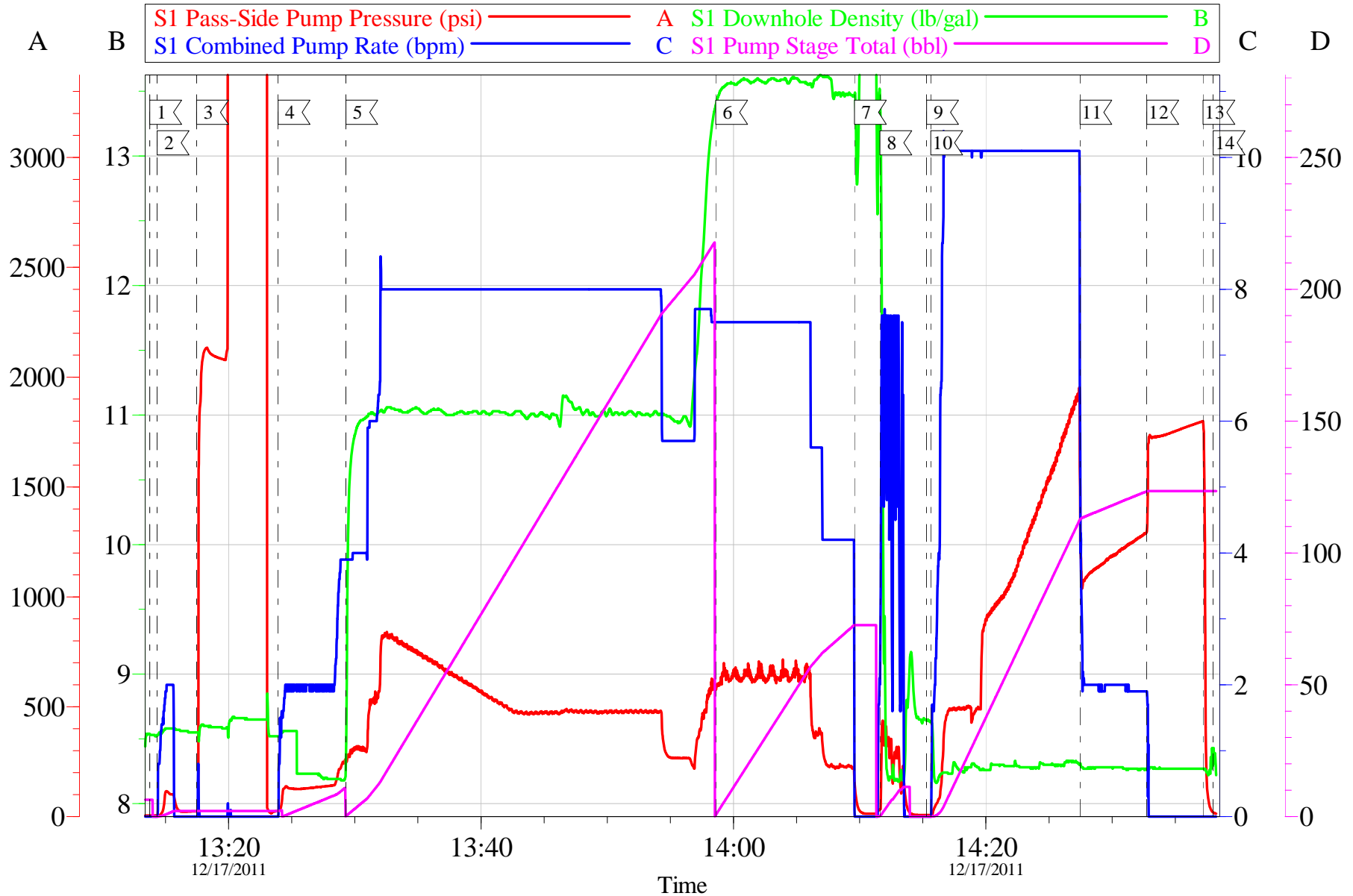
Job Date: 17-Dec-2011
Job Type: PRODUCTION
Cement Supervisor: RYON NICKLE

Sales Order #: 9092182
ADC Used: YES
Elite # / Operator: #7 / ERIC CARTER & BEN ROSE

OptiCem v6.4.10
17-Dec-11 14:40

LARAMIE II - BRUTON 30-16B

PRODUCTION



Customer: LARAMIE ENERGY II LLC EBUSINESS
 Well Description: BRUTON 30-16B
 Company Rep: KELLY CLAUSEN

Job Date: 17-Dec-2011
 Job Type: PRODUCTION
 Cement Supervisor: RYON NICKLE

Sales Order #: 9092182
 ADC Used: YES
 Elite # / Operator: #7 / ERIC CARTER & BEN ROSE

OptiCem v6.4.10
 17-Dec-11 14:40

HALLIBURTON

Water Analysis Report

Company: LARAMIE II

Submitted by: RYON NICKLE

Attention: LAB

Lease: PRECISION 706

Well #: BRUTON 30-16B

Date: 12/17/2011

Date Rec.: 12/17/2011

S.O.#: 9092182

Job Type: PRODUCTION

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	8
Potassium (K)	<i>5000</i>	0 Mg / L
Hrdness	<i>500</i>	250 Mg / L
Iron (FE2)	<i>300</i>	0 Mg / L
Chlorides (Cl)	<i>3000</i>	0 Mg / L
Sulfates (SO ₄)	<i>1500</i>	<200 Mg / L
Temp	<i>40-80</i>	55 Deg
Total Dissolved Solids		510 Mg / L

Respectfully: RYON NICKLE

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 it

Sales Order #: 9092182	Line Item: 10	Survey Conducted Date: 12/17/2011
Customer: LARAMIE ENERGY II LLC EBUSINESS		Job Type (BOM): CMT PRODUCTION CASING BOM
Customer Representative: KELLY CLAUSEN		API / UWI: (leave blank if unknown) 05-077-10101
Well Name: BRUTON		Well Number: 30-16B
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	12/17/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	RYON NICKLE (HB22175)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	KELLY CLAUSEN
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	

CUSTOMER SIGNATURE

Sales Order #: 9092182	Line Item: 10	Survey Conducted Date: 12/17/2011
Customer: LARAMIE ENERGY II LLC EBUSINESS		Job Type (BOM): CMT PRODUCTION CASING BOM
Customer Representative: KELLY CLAUSEN		API / UWI: (leave blank if unknown) 05-077-10101
Well Name: BRUTON		Well Number: 30-16B
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 The date the survey was conducted	12/17/2011

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.	4.5
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.	1.5
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	7
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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Customer Representative: KELLY CLAUSEN		API / UWI: (leave blank if unknown) 05-077-10101
Well Name: BRUTON		Well Number: 30-16B
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	90
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	90
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