
LARAMIE ENERGY II LLC

**HAWXHURST 17-03C
WILDCAT
Mesa County , Colorado**

Cement Production Casing **28-Nov-2011**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 344919	Ship To #: 2892160	Quote #:	Sales Order #: 9092165
Customer: LARAMIE ENERGY II LLC EBUSINESS		Customer Rep: Claussen, Cory	
Well Name: HAWXHURST	Well #: 17-03C	API/UWI #: 05-077-10160	
Field: WILDCAT	City (SAP): COLLBRAN	County/Parish: Mesa	State: Colorado
Lat: N 39.281 deg. OR N 39 deg. 16 min. 50.196 secs.		Long: W 107.914 deg. OR W -108 deg. 5 min. 11.328 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: JAMISON, PRICE	MBU ID Emp #: 229155	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DEUSSEN, EDWARD Eric	5	485182	JAMISON, PRICE W	5	229155	JENSEN, SHANE Lynn	5	441759
VANALSTYNE, TROY L	5	420256						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10856450	85 mile	10978335	85 mile	11560046	85 mile	11562538	85 mile
11583934	85 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11/28/11	4	4	11/29/11	1	1			

TOTAL	Total is the sum of each column separately							
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Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	28 - Nov - 2011	16:00	MST
Form Type		BHST	Job Started	28 - Nov - 2011	20:00	MST
Job depth MD	7486. ft	Job Depth TVD	Job Completed	28 - Nov - 2011	22:19	MST
Water Depth		Wk Ht Above Floor	Departed Loc	28 - Nov - 2011	23:37	MST
Perforation Depth (MD)	From	To		29 - Nov - 2011	01:00	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
OPEN HOLE				7.875				1585.	7490.	1585.	7490.
PRODUCTION CASING	Unknown		4.5	4.	11.6		I-80	.	7486.	.	7486.
SURFACE CASING	Unknown		8.625	7.921	32.		J-55	.	1585.	.	1585.

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			
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		
1	Spacer				10.00	bbl	8.4	.0	.0	4.0			
2	Mud Flush				20.00	bbl	8.4	.0	.0	4.0			
3	Spacer				10.00	bbl	8.4	.0	.0	6.0			
4	Lead Cement	ECONOCEM (TM) SYSTEM (452992)			275.0	sacks	11.	2.75	16.11	8.0	16.11		
16.11 Gal		FRESH WATER											
5	Tail Cement	HALCEM (TM) SYSTEM (452986)			450.0	sacks	13.5	1.48	6.38	8.0	6.38		
6.38 Gal		FRESH WATER											
6	KCL Water Displacement				115.4	bbl	8.6	.0	.0	10.0			
Calculated Values		Pressures			Volumes								
Displacement	115.4	Shut In: Instant			Lost Returns	NO	Cement Slurry		253.3	Pad			
Top Of Cement	TOT 4580 TOL 1280 ????	5 Min			Cement Returns	NO	Actual Displacement			Treatment			
Frac Gradient		15 Min			Spacers	40	Load and Breakdown			Total Job	409		
Rates													
Circulating	6	Mixing		8	Displacement	10		Avg. Job		8			
Cement Left In Pipe	Amount	42.2 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

Sold To #: 344919	Ship To #: 2892160	Quote #:	Sales Order #: 9092165
Customer: LARAMIE ENERGY II LLC EBUSINESS		Customer Rep: Claussen, Cory	
Well Name: HAWXHURST	Well #: 17-03C	API/UWI #: 05-077-10160	
Field: WILDCAT	City (SAP): COLLBRAN	County/Parish: Mesa	State: Colorado
Legal Description:			
Lat: N 39.281 deg. OR N 39 deg. 16 min. 50.196 secs.		Long: W 107.914 deg. OR W -108 deg. 5 min. 11.328 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: JAMISON, PRICE	MBU ID Emp #: 229155

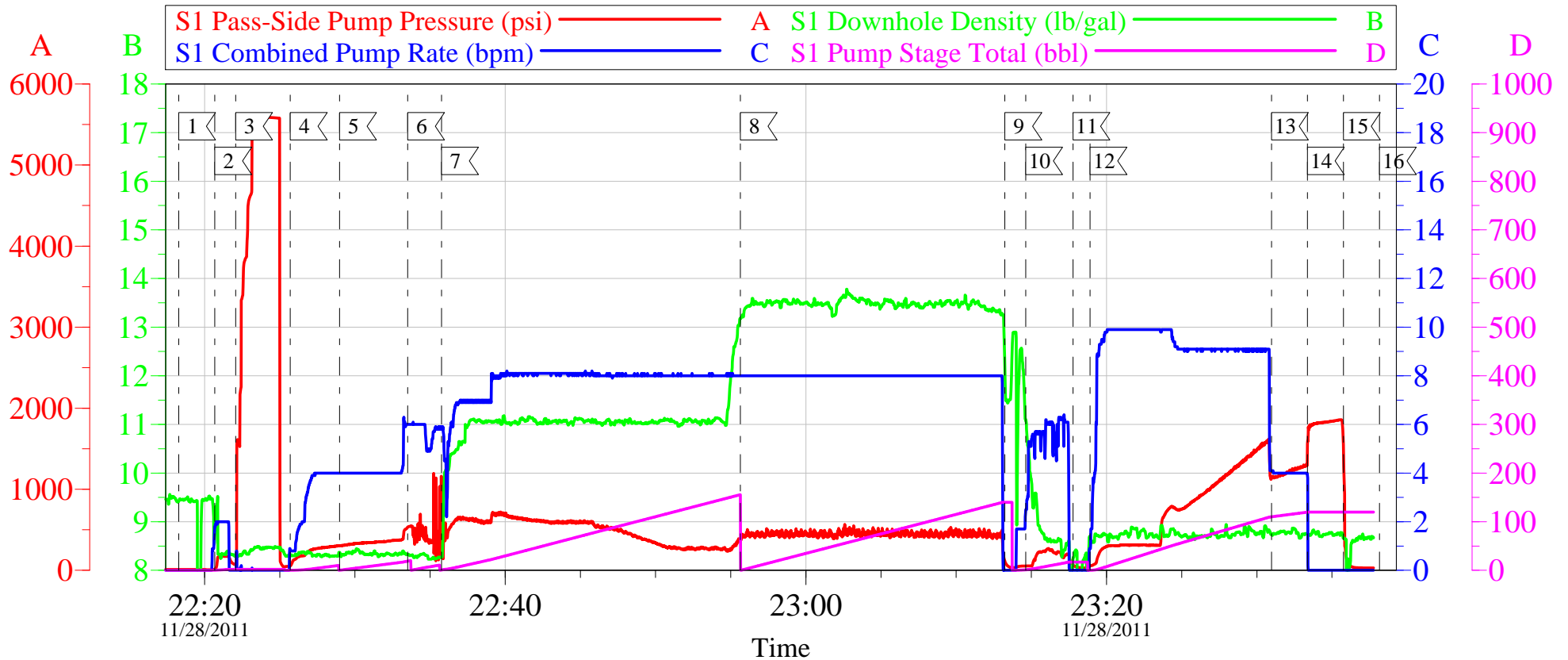
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/28/2011 16:00							TD 7490 TP 7486 PRODUCTION CASING 4.5 11.6 PPF I-80 SURFACE CASING SET @ 1585 8 5/8 32 # J-55 7.7/8 OPEN HOLE FROM 1585 TO 7490 7 7/8 S.J 42.23 MUD 9.6 PPG
Depart Yard Safety Meeting	11/28/2011 18:20							
Crew Leave Yard	11/28/2011 18:30							
Arrive At Loc	11/28/2011 20:00							
Assessment Of Location Safety Meeting	11/28/2011 20:10							
Pre-Rig Up Safety Meeting	11/28/2011 20:30							
Pre-Job Safety Meeting	11/28/2011 22:00							
Start Job	11/28/2011 22:19							
Prime Pumps	11/28/2011 22:20		2	2			172.0	FRESH WATER
Test Lines	11/28/2011 22:22						5000.0	
Pump Water	11/28/2011 22:25		4	10			300.0	FRESH WATER
Pump Spacer 1	11/28/2011 22:28		4	20			544.0	MUD FLUSH
Pump Water	11/28/2011 22:33		6	10			550.0	FRESH WATER
Pump Lead Cement	11/28/2011 22:35		8	134.7			640.0	MIXED @ 11.0 PPG YIELD 2.75 WAT/REQ 16.11 275 SKS

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Tail Cement	11/28/2011 22:55		8	118.6			470.0	MIXED @ 13.1 PPG YIELD 1.48 WAT/REQ 6.38 450 SKS
Shutdown	11/28/2011 23:13							
Clean Lines	11/28/2011 23:14							
Drop Plug	11/28/2011 23:17							
Pump Displacement	11/28/2011 23:18		10					FRESH WATER WITH KCL
Slow Rate	11/28/2011 23:30		4	105			1608.0	
Bump Plug	11/28/2011 23:33		4	115.4			1288.0	PRESSURED UP TO 1858 PSI
Check Floats	11/28/2011 23:35							FLOATS HELD
End Job	11/28/2011 23:37							GOOD CIRCULATION THROUGHOUT JOB
Post-Job Safety Meeting (Pre Rig-Down)	11/28/2011 23:40							CASING WAS NOT BEING WORK DURING CEMENT JOB
Depart Location Safety Meeting	11/29/2011 00:50							
Crew Leave Location	11/29/2011 01:00							THANKS FOR USING HALLIBURTON BILL JAMISON & CREW

LARAMIE HAWXHURST 17-03C

PRODUCTION

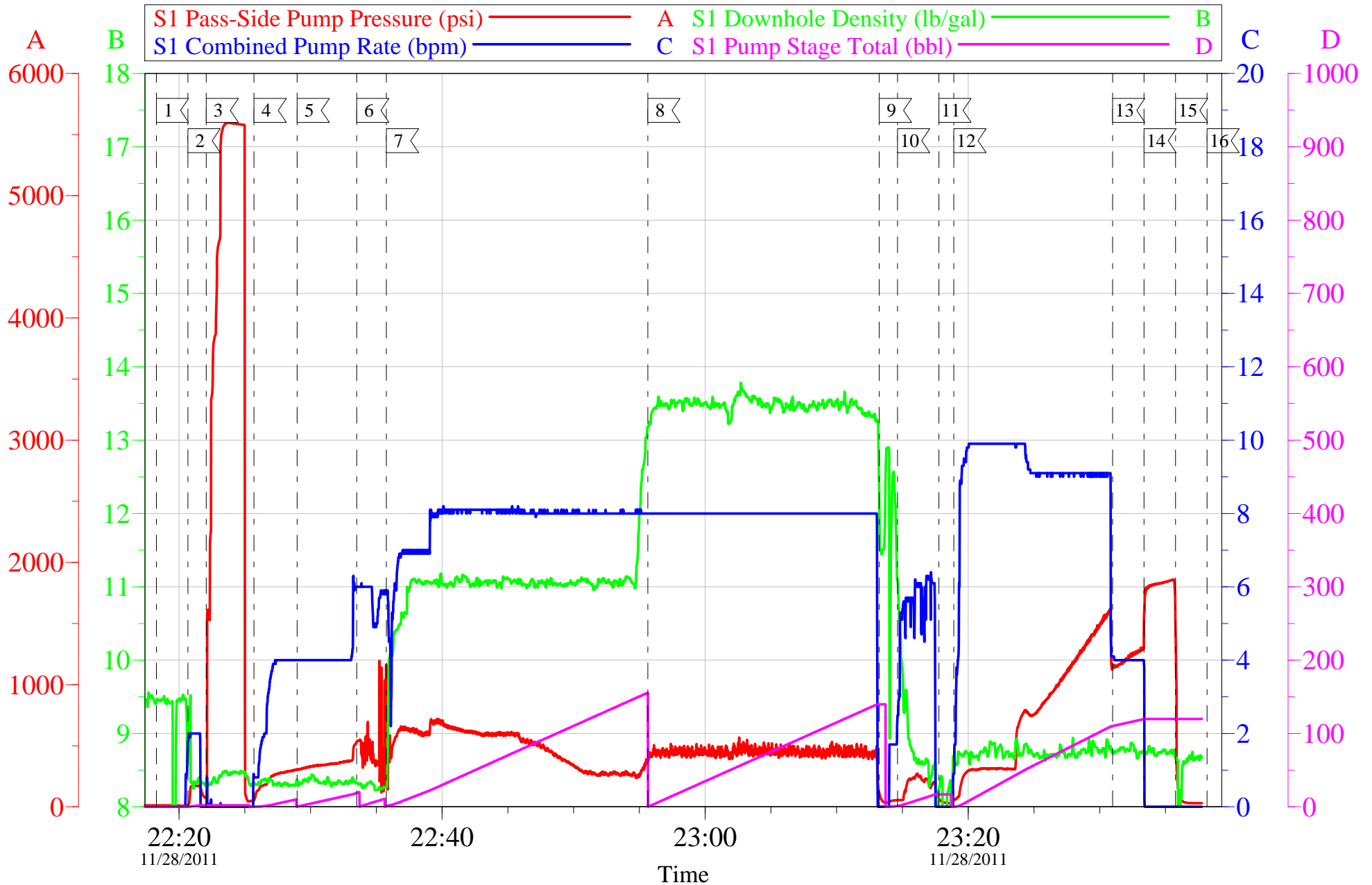


Local Event Log					
1	START JOB	22:18:17	2	PRIME LINES	22:20:41
3	TEST LINES	22:22:04	4	START FRESH WATER SPACER	22:25:42
5	START MUD FLUSH	22:28:59	6	START FRESH WATER SPACER	22:33:30
7	START LEAD CEMENT	22:35:46	8	START TAIL CEMENT	22:55:38
9	SHUT DOWN	23:13:14	10	CLEAN PUMPS & LINES	23:14:37
11	DROP PLUG	23:17:46	12	START DISPLACEMENT	23:18:54
13	SLOW RATE	23:30:58	14	BUMP PLUG	23:33:22
15	CHECK FLOATS	23:35:46	16	END JOB	23:38:09

Customer:	LARAMIE II	Job Date:	28-Nov-2011	Sales Order #:	9092165
Well Description:	HAWXHURST	Job Type:	PRODUCTION	Q	YES
Company Rep:	CORY CLAUSSEN	Cement Supervisor:	BILL JAMISON	Elite #5	ED DEUSSEN

LARAMIE HAWXHURST 17-03C

PRODUCTION



Customer:	LARAMIE II	Job Date:	28-Nov-2011	Sales Order #:	9092165
Well Description:	HAWXHURST	Job Type:	PRODUCTION	Q	YES
Company Rep:	CORY CLAUSSEN	Cement Supervisor:	BILL JAMISON	Elite #5	ED DEUSSEN

OptiCem v6.4.9
20-Feb-12 14:55



Water Analysis Report

Company: LARAMIE ENERGY II
Submitted by: BILL JAMISON
Attention: JON TROUT
Lease: HAWXHURST
Well #: 17-03C

Date: 11/28/2011
Date Rec.: 11/28/2011
S.O.#: 9092165
Job Type: 4.5 PRODUCTION

Specific Gravity	<i>MAX</i>	<i>1</i>
pH	<i>8</i>	<i>6.5</i>
Potassium (K)	<i>5000</i>	<i>400</i> Mg / L
Calcium (Ca)	<i>500</i>	<i>120</i> Mg / L
Iron (FE2)	<i>300</i>	<i>0</i> Mg / L
Chlorides (Cl)	<i>3000</i>	<i>0</i> Mg / L
Sulfates (SO ₄)	<i>1500</i>	<i>-200</i> Mg / L
Chlorine (Cl ₂)		<i>0</i> Mg / L
Temp	<i>40-80</i>	<i>45</i> Deg
Total Dissolved Solids		<i>660</i> Mg / L

Respectfully: BILL JAMISON
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

Sales Order #: 9092165	Line Item: 10	Survey Conducted Date: 11/29/2011
Customer: LARAMIE ENERGY II LLC EBUSINESS		Job Type (BOM): CMT PRODUCTION CASING BOM
Customer Representative: CORY CLAUSSEN		API / UWI: (leave blank if unknown) 05-077-10160
Well Name: HAWXHURST		Well Number: 17-03C
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: 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	11/29/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	PRICE JAMISON (HAL9235)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	CORY 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	NONE

CUSTOMER SIGNATURE

Sales Order #: 9092165	Line Item: 10	Survey Conducted Date: 11/29/2011
Customer: LARAMIE ENERGY II LLC EBUSINESS		Job Type (BOM): CMT PRODUCTION CASING BOM
Customer Representative: CORY CLAUSSEN		API / UWI: (leave blank if unknown) 05-077-10160
Well Name: HAWXHURST		Well Number: 17-03C
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Mesa

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	11/29/2011

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.	Deviated
Total Operating Time (hours) Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	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
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	5
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

Sales Order #: 9092165	Line Item: 10	Survey Conducted Date: 11/29/2011
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Customer Representative: CORY CLAUSSEN		API / UWI: (leave blank if unknown) 05-077-10160
Well Name: HAWXHURST		Well Number: 17-03C
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Mesa

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	98
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	98
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