
LARAMIE ENERGY II LLC EBUSINESS

**HAWXHURST 17-03C
WILD CAT
Mesa County , Colorado**

Cement Surface Casing
20-Nov-2011

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 344919	Ship To #: 2892160	Quote #:	Sales Order #: 9076863
Customer: LARAMIE ENERGY II LLC EBUSINESS	Customer Rep: Clausen, Kelly		
Well Name: HAWXHURST	Well #: 17-03C	API/UWI #: 05-077-10160	
Field: WILD CAT	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 706	Rig/Platform Name/Num: PRECISION 706		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: METLI, MARSHALL	Srv Supervisor: SMITH, CHRISTOPHER	MBU ID Emp #: 452619	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
EICKHOFF, ROBERT Edward		495311	SALAZAR, PAUL Omar		445614	SMITH, CHRISTOPHER Scott		452619
SPARKS, CLIFFORD Paul		502476						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10011429	42.5 mile	10248065	42.5 mile	10567589C	42.5 mile	10995027	42.5 mile
11259882	42.5 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL	Total is the sum of each column separately							
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Job

Formation Name						Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	20 - Nov - 2011	09:30	MST
Form Type			BHST		On Location	20 - Nov - 2011	13:20	MST
Job depth MD	1590. m		Job Depth TVD	1590. m	Job Started	20 - Nov - 2011	15:36	MST
Water Depth			Wk Ht Above Floor	3. m	Job Completed	20 - Nov - 2011	16:39	MST
Perforation Depth (MD)	From		To		Departed Loc	20 - Nov - 2011	19:00	MST

Well Data

Description	New / Used	Max pressure MPa	Size mm	ID mm	Weight kg/m	Thread	Grade	Top MD m	Bottom MD m	Top TVD m	Bottom TVD m
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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 kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne
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Stage/Plug #: 1

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Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne
1	Fresh Water		20.00	bbl	8.34	.0	.0	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	225.0	sacks	12.3	2.38	13.75		13.75
3	Tail Cement	SWIFTCES (TM) SYSTEM (452990)	200.0	sacks	14.2	1.43	6.72		6.72
6.724 Gal		FRESH WATER							
4	Displacement		95.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
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

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Customer: LARAMIE ENERGY II LLC EBUSINESS				Customer Rep: Clausen, Kelly			
Well Name: HAWXHURST			Well #: 17-03C			API/UWI #: 05-077-10160	
Field: WILD CAT		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 706			Rig/Platform Name/Num: PRECISION 706				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: METLI, MARSHALL			Srv Supervisor: SMITH, CHRISTOPHER			MBU ID Emp #: 452619	

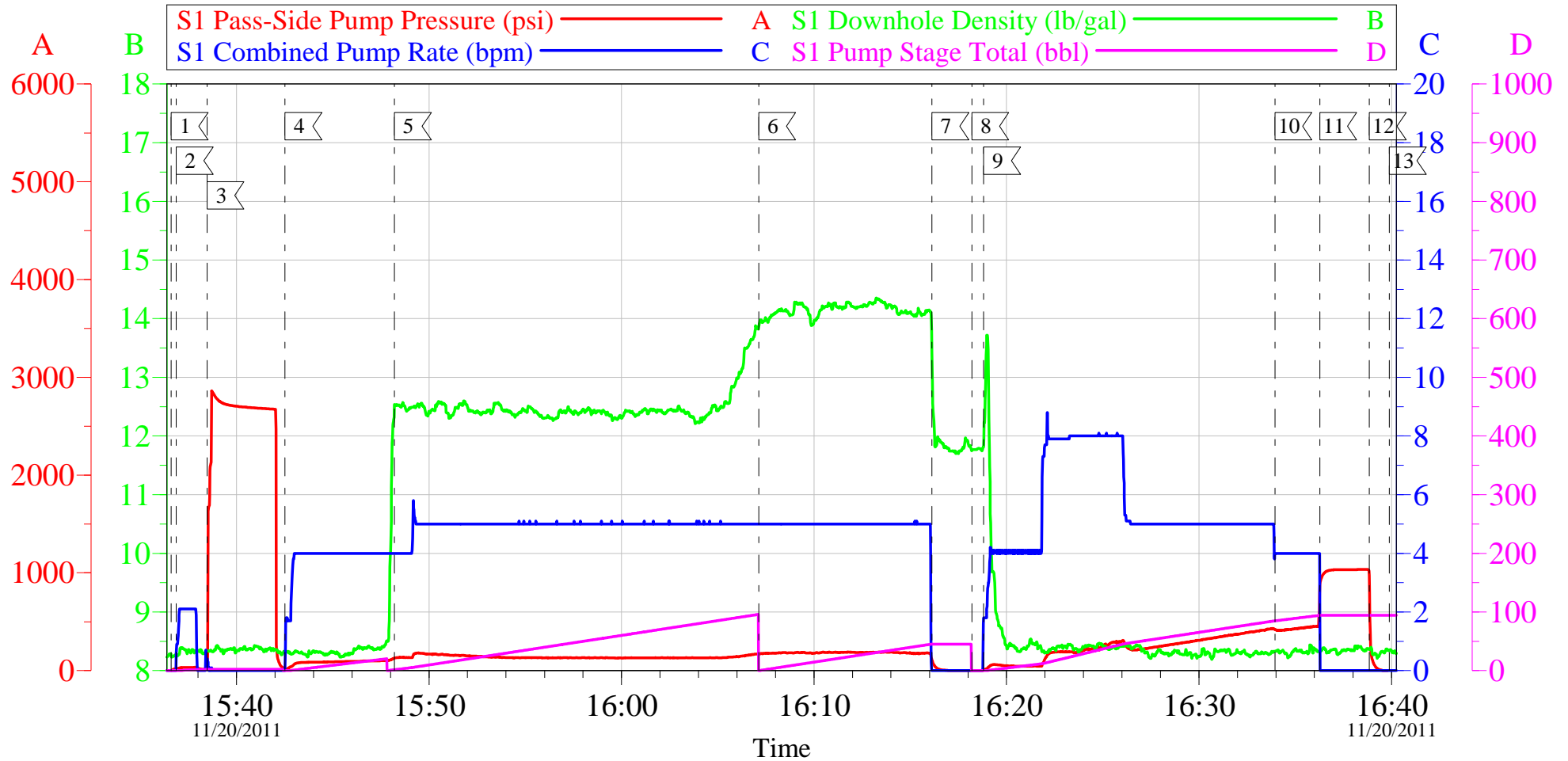
Activity Description	Date/Time	Cht #	Rate m3/min	Volume m3		Pressure MPa		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	11/20/2011 11:30							ALL HES PERSONEL
Crew Leave Yard	11/20/2011 11:45							
Arrive At Loc	11/20/2011 13:20							RIG RUNNING CASEING.
Assessment Of Location Safety Meeting	11/20/2011 13:30							ALL HES PERSONEL
Rig-Up Equipment	11/20/2011 15:00							
Pre-Job Safety Meeting	11/20/2011 15:25							ALL HES PERSONEL AND RIG CREW
Start Job	11/20/2011 15:36							TD 1590', TP 1587', SJ 25', OH 12.25", CSG 8.625" 32# J-55 , MUD 10.1 PPG.
Other	11/20/2011 15:36		2	2			33.0	FILL LINES
Pressure Test	11/20/2011 15:38		0.5	0.5				ALL LINES HELD PRESSURE @ 2750 PSI
Pump Spacer 1	11/20/2011 15:42		4	20			103.0	FRESH WATER
Pump Lead Cement	11/20/2011 15:48		5	95.4			150.0	225 SKS, 12.3 PPG, 2.38 FT3/SK, 13.75 GAL/SK, SET UP TIME 3:50 @ 70 BC.
Pump Tail Cement	11/20/2011 16:07		5	51			180.0	200 SKS, 14.2 PPG, 1.43 FT3/ SK, 6.72 GAL/SK, SET UP TIME 2:23 @ 70 BC.
Shutdown	11/20/2011 16:16							WASH UP ON TOP OF PLUG PER COMP REP
Drop Top Plug	11/20/2011 16:18							PLUG WENT

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate m3/min	Volume m3		Pressure MPa		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	11/20/2011 16:18		8	85.1			430.0	FRESH WATER
Slow Rate	11/20/2011 16:33		4	10			450.0	
Bump Plug	11/20/2011 16:36						1030.0	PLUG BUMPED
Check Floats	11/20/2011 16:38							FLOATS HELD
End Job	11/20/2011 16:39							GOOD CIRCULATION THROUGHOUT JOB, 30 BBLs OF CEMENT TO SURFACE, PIPE WAS NOT MOVED DURING JOB.
Post-Job Safety Meeting (Pre Rig-Down)	11/20/2011 16:45							ALL HES PERSONEL
Rig-Down Completed	11/20/2011 18:30							
Depart Location Safety Meeting	11/20/2011 18:55							ALL HES PERSONEL
Crew Leave Location	11/20/2011 19:00							
Other	11/20/2011 19:01							THANK YOU FOR CHOOSING HALLIBURTON, CHRIS SMITH AND CREW

LARAMIE II - HAWXHURST 17-03C

8.625" SURFACE



Local Event Log

1 START JOB	15:36:36	2 FILL LINES	15:36:52	3 TEST LINES	15:38:29
4 H2O SPACER	15:42:31	5 LEAD CEMENT	15:48:12	6 TAIL CEMENT	16:07:08
7 SHUTDOWN	16:16:08	8 DROP PLUG	16:18:12	9 H2O DISPLACEMENT	16:18:49
10 SLOW RATE	16:33:57	11 BUMP PLUG	16:36:17	12 CHECK FLOATS	16:38:51
13 END JOB	16:39:54				

Customer: LARAMIE ENERGY II LLC EBUSINESS
 Well Description: HAWXHURST 17-03C
 Company Rep: KELLY CLAUSEN

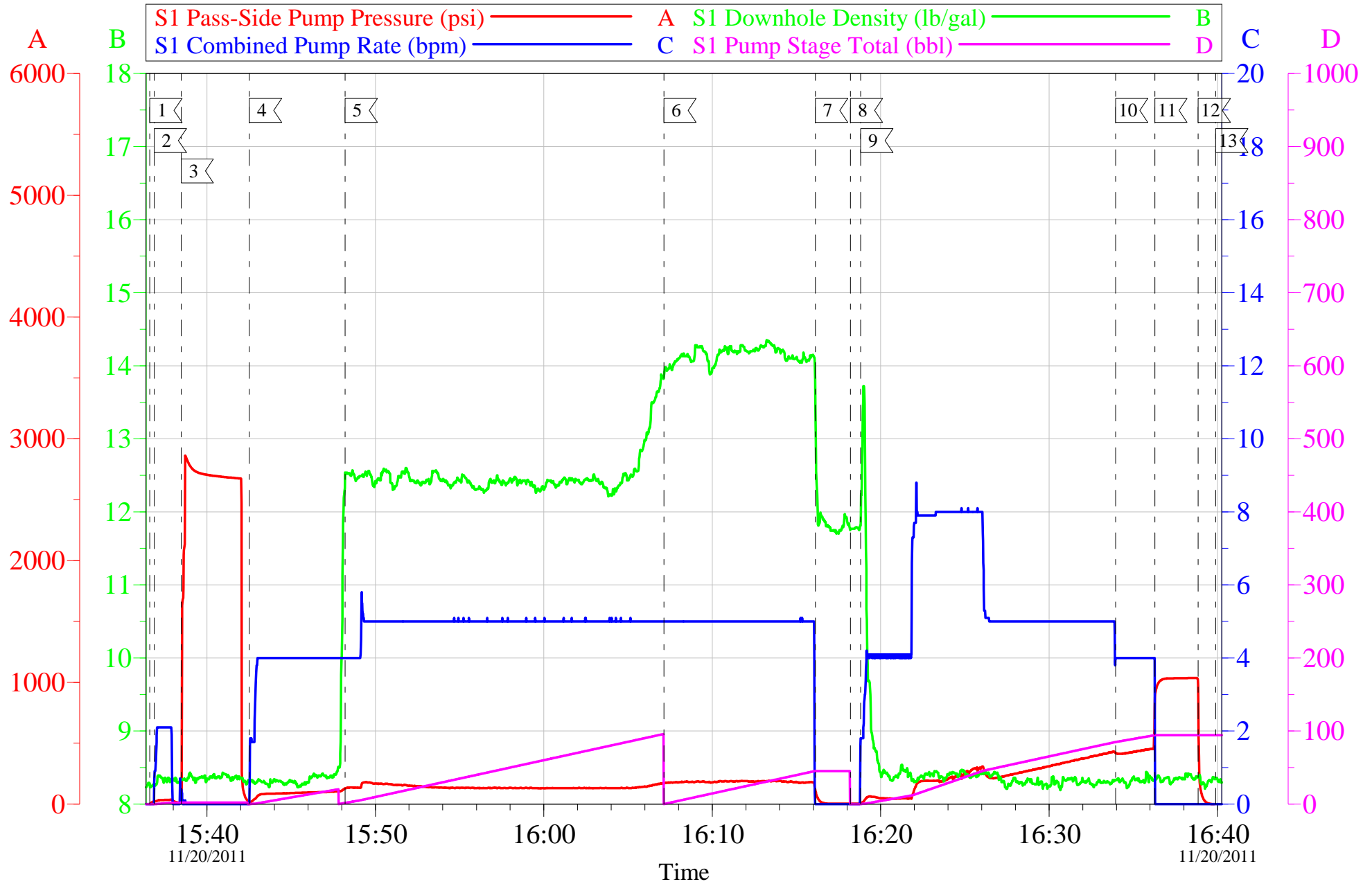
Job Date: 20-Nov-2011
 Job Type: SURFACE
 Cement Supervisor: C.SMITH

Sales Order #: 9076863
 ADC Used: YES
 Elite #3: P.SALAZAR

OptiCem v6.4.10
 20-Nov-11 16:48

LARAMIE II - HAWXHURST 17-03C

8.625" SURFACE



Customer: LARAMIE ENERGY II LLC EBUSINESS
 Well Description: HAWXHURST 17-03C
 Company Rep: KELLY CLAUSEN

Job Date: 20-Nov-2011
 Job Type: SURFACE
 Cement Supervisor: C.SMITH

Sales Order #: 9076863
 ADC Used: YES
 Elite #3: P.SALAZAR

OptiCem v6.4.10
 20-Nov-11 16:48

HALLIBURTON

Water Analysis Report

Company: LARMAIE II

Submitted by: CHRIS SMITH

Attention: J.Trout

Lease HAWXHURST

Well # 17-03C

Date: 11.20.11

Date Rec.: 11.20.11

S.O.# 9076863

Job Type: SURFACE

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	7
Potassium (K)	<i>5000</i>	500 Mg / L
Calcium (Ca)	<i>500</i>	120 Mg / L
Iron (FE2)	<i>300</i>	3 Mg / L
Chlorides (Cl)	<i>3000</i>	200 Mg / L
Sulfates (SO ₄)	<i>1500</i>	200 Mg / L
Chlorine (Cl ₂)		0 Mg / L
Temp	<i>40-80</i>	70 Deg
Total Dissolved Solids		110 Mg / L

Respectfully: CHRIS SMITH

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 #: 9076863	Line Item: 10	Survey Conducted Date: 11/20/2011
Customer: LARAMIE ENERGY II LLC EBUSINESS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: KELLY 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: No	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	11/20/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	CHRISTOPHER SMITH (HB20137)
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	

CUSTOMER SIGNATURE

Sales Order #: 9076863	Line Item: 10	Survey Conducted Date: 11/20/2011
Customer: LARAMIE ENERGY II LLC EBUSINESS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: KELLY 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: No	Well State: Colorado	Well County: Mesa

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	11/20/2011

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.	2
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	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

Sales Order #: 9076863	Line Item: 10	Survey Conducted Date: 11/20/2011
Customer: LARAMIE ENERGY II LLC EBUSINESS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: KELLY 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: No	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	97
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	96
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