

LARAMIE ENERGY II LLC EBUSINESS
1600 LINCOLN ST -DO NOT MAIL
DENVER, Colorado

HAWXHURST 24-09D

Precision Drilling Corp./Precision/706

Post Job Report

Cement Intermediate Casing

Prepared for: KELLY CLAUSSEN
Date Prepared: 5/6/2011
Version: 1

Service Supervisor: JAMISON, PRICE

Submitted by:

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 344919	Ship To #: 2850907	Quote #:	Sales Order #: 8153194
Customer: LARAMIE ENERGY II LLC EBUSINESS		Customer Rep: Claussen, Kelly	
Well Name: HAWXHURST		Well #: 24-09D	API/UWI #: 05-077-10107
Field: BUZZARD	City (SAP): COLLBRAN	County/Parish: Mesa	State: Colorado
Lat: N 39.259 deg. OR N 39 deg. 15 min. 33.923 secs.		Long: W 107.936 deg. OR W -108 deg. 3 min. 51.941 secs.	
Contractor: Precision Drilling Corp.		Rig/Platform Name/Num: Precision 706	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate 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 #
HAYES, JESSE Doug	10.5	403601	JAMISON, PRICE W	10.5	229155	JENSEN, JESSE Robert	3	478774
JENSEN, SHANE Lynn	10.5	441759	LEIST, JAMES R	10.5	362787			

Equipment

HES Unit #	Distance-1 way						
10565341	85 mile	10567589C	85 mile	10804567	85 mile	10867425	85 mile
10897891	85 mile	10995027	85 mile	11259881	85 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
5/6/11	10.5	2						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				06 - May - 2011	06 - May - 2011	08:00	MST
				06 - May - 2011	06 - May - 2011	12:30	MST
	6215.6 ft		6220. ft	06 - May - 2011	06 - May - 2011	19:15	MST
			5. ft	06 - May - 2011	06 - May - 2011	20:50	MST
				06 - May - 2011	06 - May - 2011	22:00	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
8 3/4" Open Hole				8.75				1568.	6220.	1568.	6220.
7" Intermediate Casing	New		7.	6.366	23.		N-80	.	6215.6	.	6215.6
9 5/8" Surface Casing	Used		9.625	9.001	32.3		H-40	.	1568.	.	1568.

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP,7,HWE,5.66 MIN/6.54 MAX CS	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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water Ahead		10.00	bbl	8.4	.0	.0	4.0	
2	Mud Flush III	MUD FLUSH III - SBM (528788)	20.00	bbl	8.4	.0	.0	4.0	
3	Fresh Water Behind		10.00	bbl	8.4	.0	.0	4.0	
4	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	170.0	sacks	11.	2.75	16.11	6.0	16.11
	16.11 Gal	FRESH WATER							
5	Tail Cement	HALCEM (TM) SYSTEM (452986)	270.0	sacks	13.5	1.48	6.38	6.0	6.38
	6.38 Gal	FRESH WATER							
6	FRESH WATER DISPLACEMENT		242.5	bbl	8.5	.0	.0	6.0	
Calculated Values		Pressures			Volumes				
Displacement	242.5	Shut In: Instant		Lost Returns	NO	Cement Slurry	154.5	Pad	
Top Of Cement	TOL 519 TOT 3627	5 Min		Cement Returns	NO	Actual Displacement	242	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	437
Rates									
Circulating	6	Mixing	6	Displacement	6	Avg. Job	6		
Cement Left In Pipe	Amount	44.1 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					

Pre-Planned Job Procedure Single Stage

EVENT #	EVENT	VOLUME	SACKS	WEIGHT	YIELD	GAL/ SK
1	Start Job		Max Psi			
6	Test Lines	5000.0				
9	H2O Spacer	10.0				
10	Mud Flush	20.0				
9	H2O Spacer	10.0				
13	Lead Cement	83.3	170	11	2.75	16.11
15	Tail Cement	71.2	270	13.5	1.48	6.38
22	Drop Plug	0.0				
23	Displace with H2O	242.5				
26	Land Plug	1100 PSI				
2	Release Psi / Job Over	0.0				
			Do Not Overdisplace			
DISPLACEMENT	TOTAL PIPE	SHOE JOINT LENGTH	FLOAT COLLAR	BBL/FT	H2O REQ.	
242.50	6215.6	44.10	6171.50	0.0393	410	
LIFT PSI		*****Use Mud Scales on Each Tier*****				
Total Displacement	242.50					
CALCULATED DIFFERENTIAL PSI	1100	TOTAL FLUID PUMPED	437			
Collapse	6210	Burst	9960	SO#	8153194	

The Road to Excellence Starts with Safety

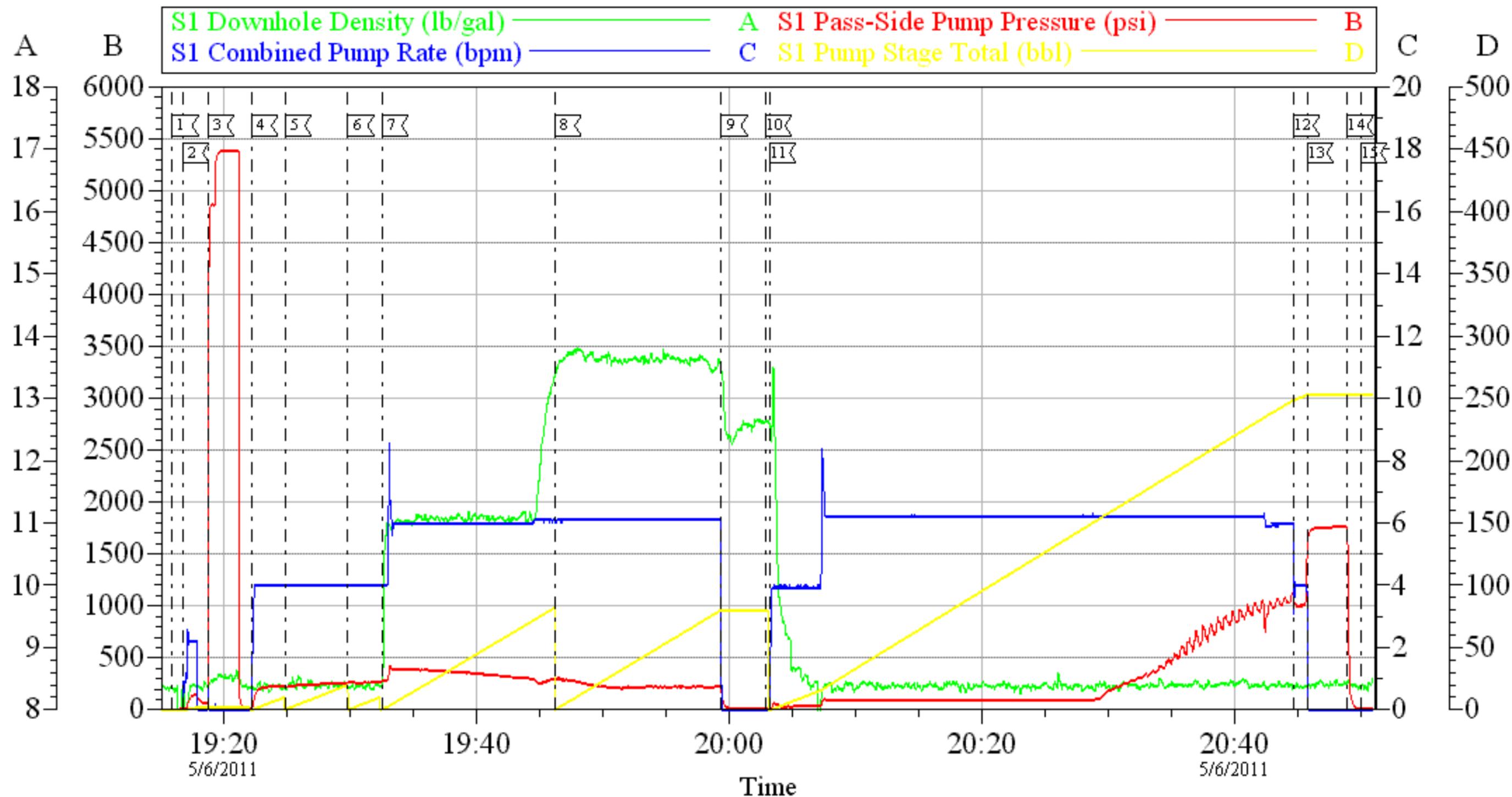
Sold To #: 344919	Ship To #: 2850907	Quote #:	Sales Order #: 8153194
Customer: LARAMIE ENERGY II LLC EBUSINESS		Customer Rep: Claussen, Kelly	
Well Name: HAWXHURST		Well #: 24-09D	API/UWI #: 05-077-10107
Field: BUZZARD	City (SAP): COLLBRAN	County/Parish: Mesa	State: Colorado
Legal Description:			
Lat: N 39.259 deg. OR N 39 deg. 15 min. 33.923 secs.		Long: W 107.936 deg. OR W -108 deg. 3 min. 51.941 secs.	
Contractor: Precision Drilling Corp.		Rig/Platform Name/Num: Precision 706	
Job Purpose: Cement Intermediate Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Intermediate 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	05/06/2011 08:00							TD 6220 HOLE SIZE 8.75 INTERMEDIATE CASING 7 IN 23 PPF GRADE P110 TP 6215.6 S.J. 44.1 SURFACE CASING SET @ 1568 9.925 36 PPF J-66 MUD 9.6 PPG
Depart Yard Safety Meeting	05/06/2011 10:35							
Crew Leave Yard	05/06/2011 10:50							
Arrive At Loc	05/06/2011 12:30							
Assessment Of Location Safety Meeting	05/06/2011 12:35							
Pre-Rig Up Safety Meeting	05/06/2011 14:00							
Pre-Job Safety Meeting	05/06/2011 19:00							ELITE # 3 CHARGING SYSTEM STOP WORKING HAD TO CALL FOR ANOTHER PUMP @ 1700 ELITE 1 GOT TO LOCATION @ 1820
Start Job	05/06/2011 19:15							
Prime Pumps	05/06/2011 19:16		2	2			145.0	FRESH WATER
Test Lines	05/06/2011 19:18						5000. 0	
Pump Water	05/06/2011 19:22		4	10			225.0	FRESH WATER
Pump Spacer 2	05/06/2011 19:24		4	20			260.0	MUD FLUSH

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Water	05/06/2011 19:29		4	10			276.0	FRESH WATER
Pump Lead Cement	05/06/2011 19:32		6	83.3			395.0	MIXED @ 11.0 PPG YIELD 2.75 WAT/REQ 16.11 170 SKS
Pump Tail Cement	05/06/2011 19:46		6	71.2			305.0	MIXED @ 13.5 PPG YIELD 1.48 WAT/REQ 6.38 270 SKS
Shutdown	05/06/2011 19:59							
Drop Plug	05/06/2011 20:02							
Pump Displacement	05/06/2011 20:03		6					FRESH WATER NO KCL
Slow Rate	05/06/2011 20:44		4	232			1120. 0	
Bump Plug	05/06/2011 20:45		4	242.5			1000. 0	PRESSURED UP TO 1766 PSI
Check Floats	05/06/2011 20:48							FLOATS HELD
End Job	05/06/2011 20:50							GOOD CIRCULATION THROUGHOUT JOB
Post-Job Safety Meeting (Pre Rig-Down)	05/06/2011 21:00							CASING WAS NOT MOVED THROUGHOUT JOB
Depart Location Safety Meeting	05/06/2011 21:50							
Crew Leave Location	05/06/2011 22:00							THANKS FOR USING HALLIBURTON BILL JAMISON & CREW

LARAMIE ENERGY II

7 IN INTERMEDIATE CASING

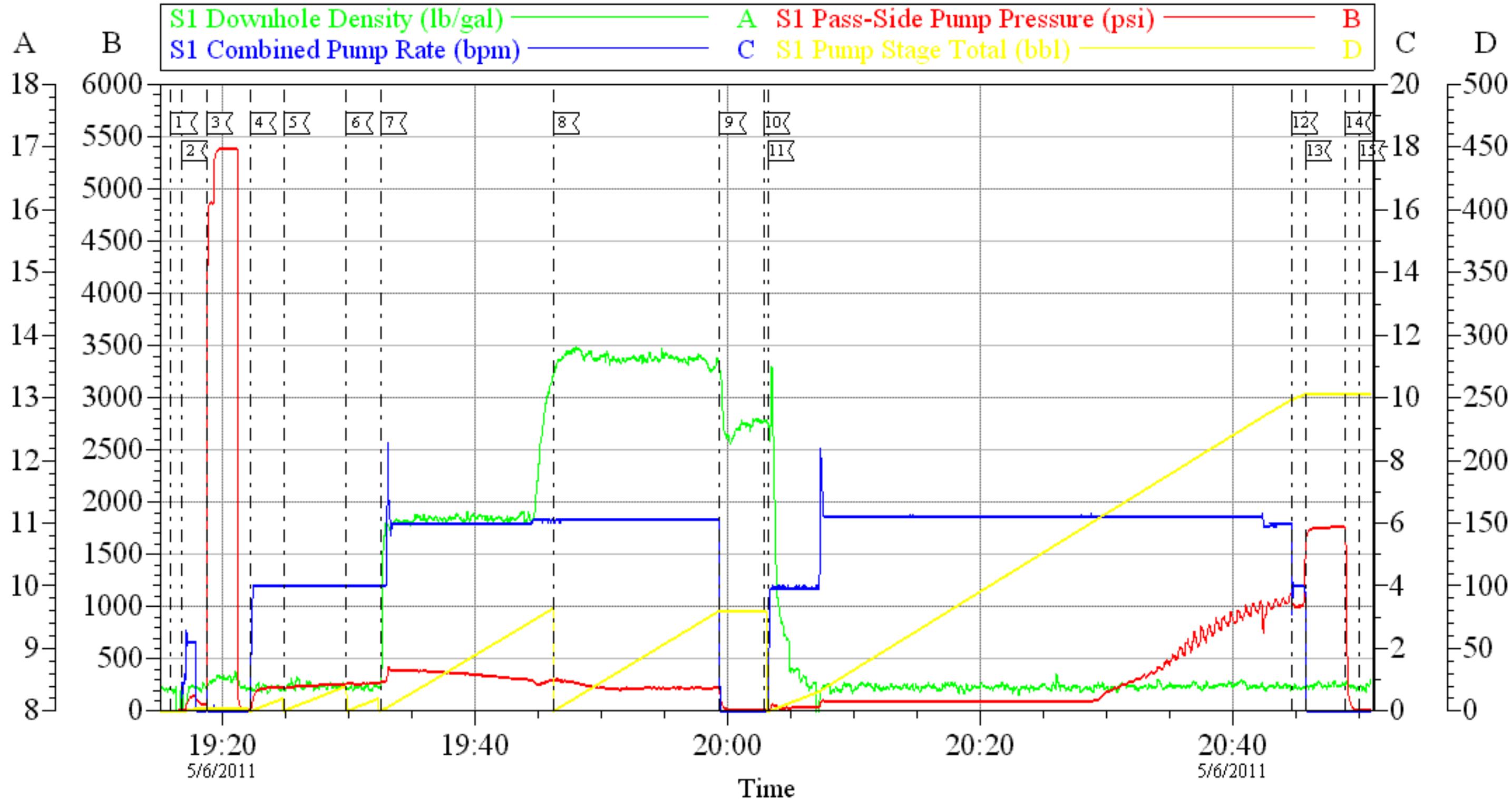


Local Event Log			
[1] START JOB	19:15:55	[2] PRIME LINES	19:16:46
[3] TEST LINES	19:18:43	[4] START FRESH WATER SPACER	19:22:14
[5] START MUD FLUSH	19:24:50	[6] START FRESH WATER SPACER	19:29:49
[7] START LEAD CEMENT	19:32:31	[8] START TAIL CEMENT	19:46:13
[9] SHUT DOWN	19:59:22	[10] DROP PLUG	20:02:51
[11] START DISPLACEMENT	20:03:13	[12] SLOW RATE	20:44:40
[13] BUMP PLUG	20:45:44	[14] CHECK FLOATS	20:48:55
[15] END JOB	20:50:00		

Customer: LARAMIE ENERGY II	Job Date: 06-May-2011	Sales Order #: 8153194
Well Description: HAWXHURST 24-09D	Job Type: CEMENT	ADC Used: YES
Company Rep: KELLY CLAUSSEN	Cement Supervisor: BILL JAMISON	Elite # 1 SHANE JENSEN

LARAMIE ENERGY II

7 IN INTERMEDIATE CASING



HALLIBURTON

Water Analysis Report

Company: LARAMIE ENERGY II

Date: 5/6/2011

Submitted by: BILL JAMISON

Date Rec.: 5/6/2011

Attention: JON TROUT

S.O.# 8153194

Lease HAYXHURST

Job Type: 7 IN INTEREDIATE

Well # 24-09D

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	7.1
Potassium (K)	<i>5000</i>	400 Mg / L
Calcium (Ca)	<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
Chlorine (Cl ₂)		0 Mg / L
Temp	<i>40-80</i>	43 Deg
Total Dissolved Solids		660 Mg / L

Respectfully: BILL JAMISON

Title: CEMENTING SUPERVISOR

Location: Grand Junction, CO

Sales Order #: 8153194	Line Item: 10	Survey Conducted Date: 5/6/2011
Customer: LARAMIE ENERGY II LLC EBUSINESS		Job Type (BOM): CMT INTERMEDIATE CASING BOM
Customer Representative: KELLY CLAUSSEN		API / UWI: (leave blank if unknown) 05-077-10107
Well Name: HAWXHURST		Well Number: 24-09D
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	5/6/2011
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	KELLY CLAUSSEN
HSE	Was our HSE performance satisfactory? Circle Y or N	Yes
Equipment	Were you satisfied with our Equipment? Circle Y or N	No
Personnel	Were you satisfied with our people? Circle Y or N	Yes
Customer Comment	Customer's Comment	COMPUTER FAILURE ON PUMP
Job DVA	Did we provide job DVA above our normal service today? Circle Y or N	No
Time	Please enter hours in decimal format to nearest quarter hour.	
Other	Enter short text for other efficiencies gained.	
Customer Initials	Customer's Initials	
Please provide details	Please describe how the job efficiencies were gained.	

CUSTOMER SIGNATURE

Sales Order #: 8153194	Line Item: 10	Survey Conducted Date: 5/6/2011
Customer: LARAMIE ENERGY II LLC EBUSINESS		Job Type (BOM): CMT INTERMEDIATE CASING BOM
Customer Representative: KELLY CLAUSSEN		API / UWI: (leave blank if unknown) 05-077-10107
Well Name: HAWXHURST		Well Number: 24-09D
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	5/6/2011
The date the survey was conducted	

Cementing KPI Survey	
Type of Job	0
Select the type of job. (Cementing or Non-Cementing)	
Select the Maximum Deviation range for this Job	Deviated
What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	
Total Operating Time (hours)	4
Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	
HSE Incident, Accident, Injury	No
HSE Incident, Accident, Injury. This should be recordable incidents only.	
Was the job purpose achieved?	Yes
Was the job delivered correctly as per customer agreed design?	
Operating Hours (Pumping Hours)	2
Total number of hours pumping fluid on this job. Enter in decimal format.	
Customer Non-Productive Rig Time (hrs)	1.5
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.	
Reason For Non-Productive Rig Time	CHARGING SYSTEM QUIT WORKING
Reason For Non-productive Rig Time (Cementing PSL Responsibility)	
Type of Rig Classification Job Was Performed	Drilling Rig (Portable)
Type Of Rig (classification) Job Was Performed On	
Number Of JSAs Performed	5
Number Of Jsas Performed	
Number of Unplanned Shutdowns	0

Sales Order #: 8153194	Line Item: 10	Survey Conducted Date: 5/6/2011
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Customer Representative: KELLY CLAUSSEN		API / UWI: (leave blank if unknown) 05-077-10107
Well Name: HAWXHURST		Well Number: 24-09D
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Mesa

Unplanned shutdown is when injection stops for any period of time.	
Was this a Primary Cement Job (Yes / No) Primary Cement Job= Casing job, Liner job, or Tie-back job.	Yes
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