HALLIBURTON

WEXPRO COMPANY E-BILL

Carl Allen 31
POWDER WASH
Moffat County, Colorado

Cement Surface Casing

02-May-2010

Post Job Report

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 343491	**Ship To #:** 2778447	**Quote #:**	**Sales Order #:** 7328176
Customer: WEXPRO COMPANY E-BILL		**Customer Rep:** SST-17, Wexpro	
Well Name: Carl Allen	**Well #:** 31		**API/UWI #:** 05-081-07569
Field: POWDER WASH	**City (SAP):** CRAIG	**County/Parish:** Moffat	**State:** Colorado
Contractor: Wexpro	**Rig/Platform Name/Num:** SST 17		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: VOLNER, THOMAS	**Srvc Supervisor:** MCKIE, SHAWN	**MBU ID Emp #:** 358960	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CORBITT, ALEXANDER J	9	458831	EDVENSON, RYAN Hollister	9	442428	LEATHAM, TRINITY Paul	9	460857
MADINGER, ROBERT W	9	451816	MCKIE, SHAWN D	9	358960			

Equipment

HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*
10623677	100 mile	10624096C	100 mile	10713218	100 mile	10925853	100 mile
10951242	100 mile	11106721	100 mile	11139332	100 mile	11288862	100 mile

Job Hours

Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours
5/2/10	9	1.5						
TOTAL		*Total is the sum of each column separately*						

Job

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**		88 degF	
Job depth MD	525 ft	**Job Depth TVD**			
Water Depth		**Wk Ht Above Floor**		4. ft	
Perforation Depth (MD)	*From*		**To**		

Job Times

	Date	Time	Time Zone
Called Out	01 - May - 2010	21:15	MST
On Location	02 - May - 2010	02:15	MST
Job Started	02 - May - 2010	09:34	MST
Job Completed	02 - May - 2010	10:54	MST
Departed Loc	02 - May - 2010	12:00	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				12.25				80	525		
Conductor			20.0	19.166	90.0		J-55	0	80		
Surface Casing			9.625	8.921	36.0		J-55	0	525		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA	491.26	HES

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	9 5/8	1	WTFD	525 FT	**Packer**					**Top Plug**	9 5/8	1	HES
Float Shoe	9 5/8	1	WTFD	491.26	**Bridge Plug**					**Bottom Plug**			
Float Collar					**Retainer**					**SSR plug set**			
Insert Float										**Plug Container**	9 5/8	1	HES
Stage Tool										**Centralizers**	9 5/8	6	WTFD

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Cementing Job Summary

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	**Gel Water**		**20**	**bbl**	**8.4**			**3**	
0.5 gal/bbl		LGC-36 UC, BULK (101582749)							
2	**Mtn G Cement**	**CMT - PREMIUM - CLASS G, 94 LB SK (100003685)**	**350**	**sacks**	**15.8**	**1.16**	**4.97**	**3**	**4.97**
94 lbm		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
0.25 lbm		POLY-E-FLAKE (101216940)							
3	**Water Spacer**		**37.9**	**bbl**	**8.34**			**3**	

Calculated Values		Pressures		Volumes					
Displacement	37.9	**Shut In: Instant**		**Lost Returns**	0	*Cement Slurry*	72.3	**Pad**	
Top Of Cement	SURFACE	**5 Min**		**Cement Returns**	28	**Actual Displacement**	37.9	**Treatment**	
Frac Gradient		**15 Min**		**Spacers**	20	**Load and Breakdown**		**Total Job**	**130.2**

Rates							
Circulating	9	*Mixing*	3	*Displacement*	3	**Avg. Job**	3
Cement Left In Pipe	**Amount**	***36.74 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***

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Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 343491	**Ship To #:** 2778447	**Quote #:**	**Sales Order #:** 7328176
Customer: WEXPRO COMPANY E-BILL		**Customer Rep:** SST-17, Wexpro	
Well Name: Carl Allen	**Well #:** 31		**API/UWI #:** 05-081-07569
Field: POWDER WASH	**City (SAP):** CRAIG	**County/Parish:** Moffat	**State:** Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		**Long:** E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Wexpro	**Rig/Platform Name/Num:** SST 17		
Job Purpose: Cement Surface Casing			**Ticket Amount:**
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: VOLNER, THOMAS	**Srvc Supervisor:** MCKIE, SHAWN		**MBU ID Emp #:** 358960

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	05/01/2010 21:15							
Depart Yard Safety Meeting	05/02/2010 00:35							DISCUSS DEFENSIVE DRIVING, AWARENESS OF WILDLIFE, AND ANY STOPS ALONG THE WAY AND IF ANY NEED TO BE MADE.
Crew Leave Yard	05/02/2010 00:45							
Arrive At Loc	05/02/2010 02:15							
Other	05/02/2010 02:20							WAIT FOR RIG TO RUN SHORT TRIP AND CIRCULATE THEN RIG UP CASING CREW, RUN CASING AND RIG DOWN CASING CREW
Safety Meeting - Pre Rig-Up	05/02/2010 08:50							SAFETY MEETING WITH CREW ABOUT RIGGING UP I.E. SLIPS, TRIPS AND FALLS, PINCH POINTS, SWING PLANES AND OVER HEAD OBJECTS ETC.
Rig-Up Equipment	05/02/2010 09:00							RIG STARTED CIRCULATION @ 0800 AND CIRCULATED FOR 1 HOUR @ 9BPM 192 PSI NO UNITS OF GAS. SHUT DOWN RIG AND RIG UP ALL HES EQUIPMENT.

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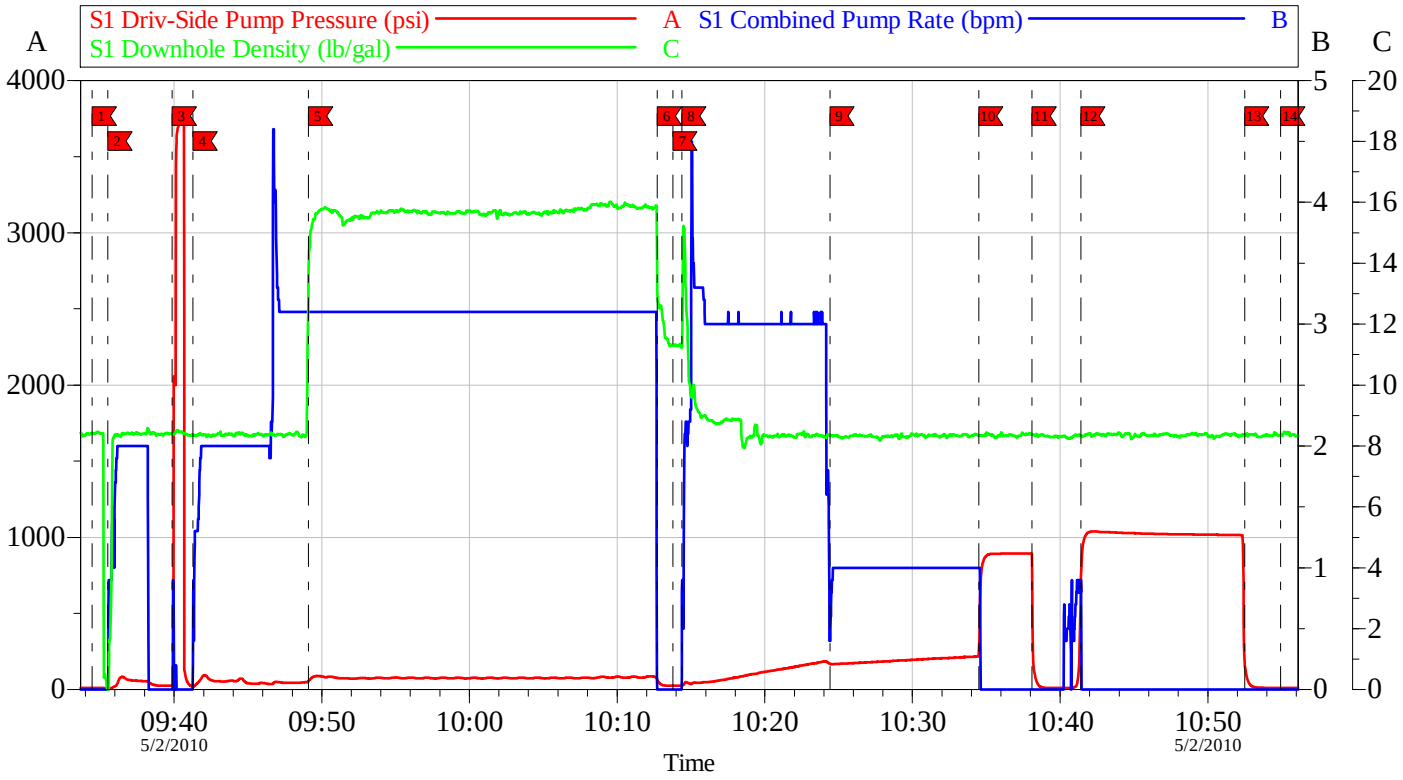
Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Safety Meeting - Pre Job	05/02/2010 09:20							SAFETY MEETING WITH RIG CREW AND COMPANY MAN.
Pump Water	05/02/2010 09:35	2	2	5	5		40.0	LGC-36 WATER
Test Lines	05/02/2010 09:39	3						3000 PSI
Pump Spacer	05/02/2010 09:41	4	3	15	20		47.0	LGC-36 WATER
Pump Cement	05/02/2010 09:49	5	3	72.3	92.3		72.0	350 SKS MTN-G MIXED @ 15.8 1.16Y 4.97G/SK
Shutdown	05/02/2010 10:12	6						
Drop Top Plug	05/02/2010 10:13	7						
Pump Displacement	05/02/2010 10:14	8	3	27.9	120.2		172.0	GOT 28 BBLS OF CEMENT TO SURFACE.
Other	05/02/2010 10:24	9	1	10	130.2		188.0	SLOW DOWN TO BUMP PLUG
Bump Plug	05/02/2010 10:34	10					218.0	BROUGHT PRESSURE UP TO 856 PSI. RETURNS APPEARED TO BE FULL THROUGHOUT JOB.
Check Floats	05/02/2010 10:38	11						FLOATS HELD GOT .5 BBLS BACK TO TRUCK
Pressure Test	05/02/2010 10:41	12					700.0	PRESSURE TEST CASING FOR 10 MINUTES PER COMPANY MAN
Release Casing Pressure	05/02/2010 10:52	13						
Safety Meeting - Pre Rig-Down	05/02/2010 10:55							
Rig-Down Equipment	05/02/2010 11:00							RIG DOWN AND WASH UP PUMP TRUCK TO EARTH PIT PROVIDED BY COMPANY MAN
Depart Location Safety Meeting	05/02/2010 11:50							
Crew Leave Location	05/02/2010 12:00							THANKS FROM SHAWN MCKIE AND CREW

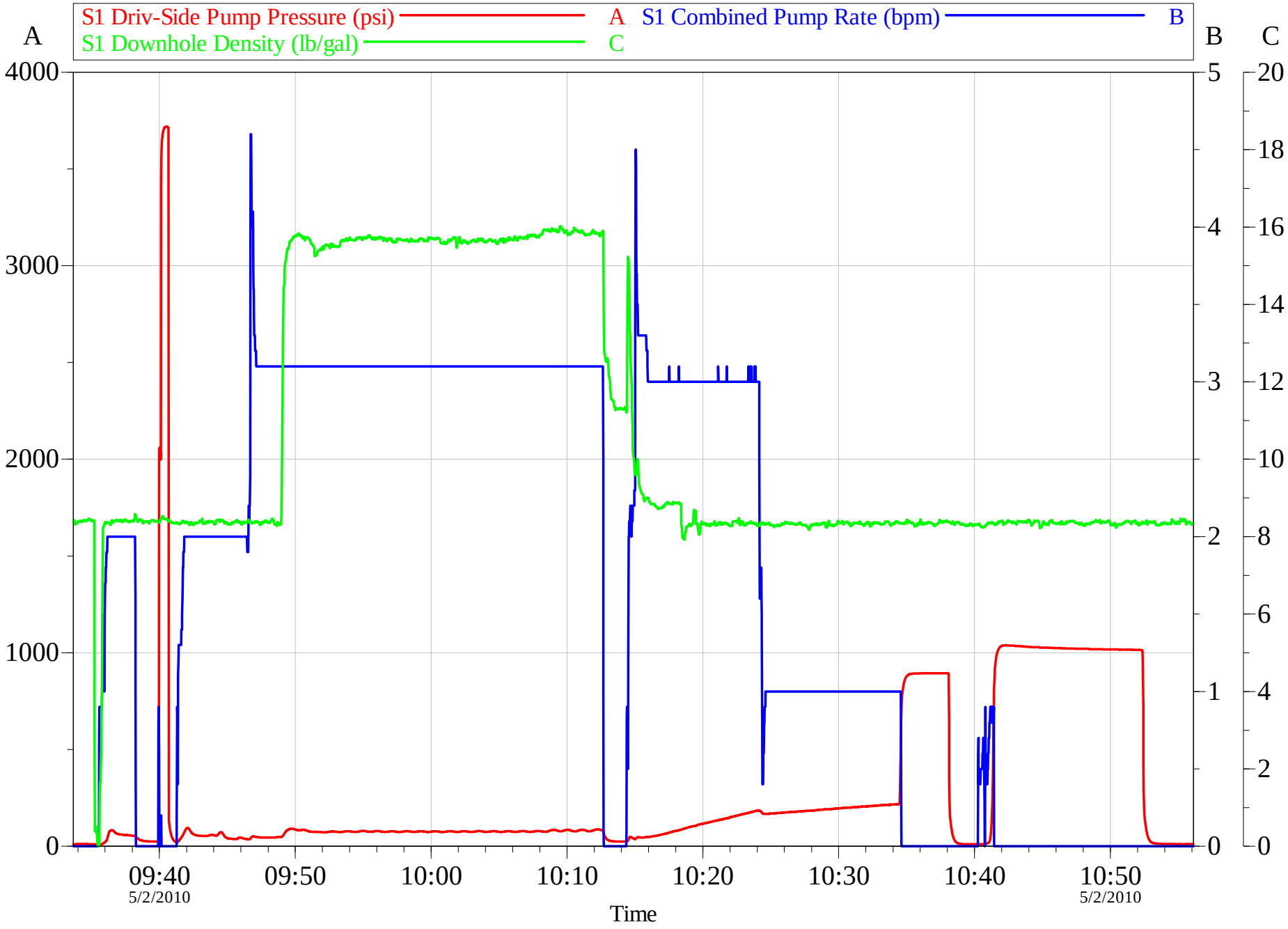


Local Event Log

	Intersection		SDPP		Intersection		SDPP		Intersection		SDPP
1	START JOB	09:34:28	12.00	2	PUMP LGC-36 H20 AHEAD	09:35:31	8.000	3	PRESSURE TEST LINES	09:39:53	25.00
4	PUMP LGC-36 H2O AHEAD	09:41:17	21.00	5	PUMP CEMENT	09:49:07	56.02	6	SHUT DOWN	10:12:44	63.40
7	DROP TOP PLUG	10:13:46	25.00	8	PUMP DISPLACEMENT	10:14:23	25.00	9	SLOW DOWN TO BUMP PLUG	10:24:24	169.4
10	BUMP PLUG	10:34:29	233.1	11	CHECK FLOATS	10:38:06	880.8	12	PRESSURE TEST CASING	10:41:24	694.8
13	RELEASE CASING PRESSURE	10:52:29	187.5	14	END JOB	10:54:56	11.00				

Customer: WEXPRO	Job Date: 02-May-2010	Sales Order #: 7328176
Well Description: CARL ALLEN # 31	Job Type: SURFACE	Supervisor: SHAWN MCKIE

OptiCem v6.4.8
02-May-10 11:29



Customer:	WEXPRO	Job Date:	02-May-2010	Sales Order #:	7328176
Well Description:	CARL ALLEN # 31	Job Type:	SURFACE	Supervisor:	SHAWN MCKIE

OptiCem v6.4.8
02-May-10 11:26

HALLIBURTON

Water Analysis Report

COMPANY:	WEXPRO	**Date Recorded**	5/2/2010
SUBMITTED BY:	SHAWN MCKIE	**SO#**	7328176
LEASE:	CARL ALLEN	**Job Type**	SURFACE
WELL #:	31	**Camp Location**	ROCK SPRINGS WY

CEMENT MIX WATER REQUIREMENTS

Item	Recorded Test Value	Max Acceptable Limit	Potential Problems in Exceeding Limit
pH	6.5	5 to 8.5	Chemicals in water can cause severe retardation
Chlorides[1,2]	538 PPM	3000 mg/L	Can accelerate the set time on cement 1% ~ 4800 mg/L
Total Alkalinity	120	1000 mg/L	Cement is greatly retarded to the point where it may not set up at all, decrease strength of cement and possibly thicken cement slurry. **(Typically occurs @ pH ≥ 8.3)**
Total Hardness	120	400 mg/L	Slightly shortens pump time on cement.
Sulfates	200	1500 mg/L	Will greatly decrease the strength of cement
Iron	0	300 mg/L	Could cause gelation issues with cement
Water Temp	60°	50F to 80F	High temps will accelerate; Low temps may risk freezing in cold weather

NOTES:

1. If the water's pH is greater than or equal to 8, avoid using it since Magnesium may be present (there are no field test strips for Magnesium).

Submitted Respectfully by: _____

HALLIBURTON

CUSTOMER SURVEY

Sales Order #:	**Line Item:**	**Survey Conducted Date:**
7328176	10	5/2/2010
Customer:		**Job Type (BOM):**
WEXPRO COMPANY E-BILL		CMT SURFACE CASING BOM
Customer Representative:		**API / UWI: (leave blank if unknown)**
MIKE MELLO		05-081-07569
Well Name:		**Well Number:**
Carl Allen		31
Well Type:	**Well Country:**	
Development Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
	Colorado	Moffat

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**	**5/2/2010**
Survey Interviewer	**The survey interviewer is the person who initiated the survey.**	**SHAWN MCKIE (HB39077)**
Customer Participation	**Did the customer partipcipate in this survey? (Y/N)**	**Yes**
Customer Representative	**Enter the Customer representative name**	**MIKE MELLO**
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**	**SHAWN & CREW DID A GOOD JOB. JOB WENT SMOOTH. NO PROBLEMS.**
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

HALLIBURTON

CUSTOMER SURVEY

Sales Order #:	**Line Item:**	**Survey Conducted Date:**
7328176	10	5/2/2010
Customer:		**Job Type (BOM):**
WEXPRO COMPANY E-BILL		CMT SURFACE CASING BOM
Customer Representative:		**API / UWI: (leave blank if unknown)**
MIKE MELLO		05-081-07569
Well Name:		**Well Number:**
Carl Allen		31
Well Type:	**Well Country:**	
Development Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
	Colorado	Moffat

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CUSTOMER SURVEY

Sales Order #:	**Line Item:**	**Survey Conducted Date:**
7328176	10	5/2/2010
Customer:		**Job Type (BOM):**
WEXPRO COMPANY E-BILL		CMT SURFACE CASING BOM
Customer Representative:		**API / UWI: (leave blank if unknown)**
MIKE MELLO		05-081-07569
Well Name:		**Well Number:**
Carl Allen		31
Well Type:	**Well Country:**	
Development Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
	Colorado	Moffat

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	5/2/2010

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.	3.5
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	4
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 SURVEY

Sales Order #:	**Line Item:**	**Survey Conducted Date:**
7328176	10	5/2/2010
Customer:		**Job Type (BOM):**
WEXPRO COMPANY E-BILL		CMT SURFACE CASING BOM
Customer Representative:		**API / UWI: (leave blank if unknown)**
MIKE MELLO		05-081-07569
Well Name:		**Well Number:**
Carl Allen		31
Well Type:	**Well Country:**	
Development Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
	Colorado	Moffat

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 cment 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	95
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