
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**SG 344-23
GRAND VALLEY
Garfield County , Colorado**

Cement Surface Casing
22-Jan-2013

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2975553	Quote #:	Sales Order #: 900150809
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Duniho, Al	
Well Name: SG		Well #: 344-23	API/UWI #: 05-045-21696
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.419 deg. OR N 39 deg. 25 min. 8.242 secs.		Long: W 108.07 deg. OR W -109 deg. 55 min. 46.34 secs.	
Contractor: CYCLONE 17		Rig/Platform Name/Num: CYCLONE 17	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor:	MBU ID Emp #:

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BRENNECKE, ANDREW Bailey	7	486345	CASTILLO, FRANCISCO P	7	513620	SMITH, CHRISTOPHER Scott	7	452619
WOLFE, JON P	7	485217						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10713212	60 mile	10871245	60 mile	11259884	60 mile	11360871	60 mile
11808831	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
1/22/13	7	1						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	SURFACE	Bottom	784	Called Out	Date	Time	Time Zone
							22 - Jan - 2013	09:00	MST
Form Type						On Location	22 - Jan - 2013	12:15	MST
Job depth MD	784. ft		Job Depth TVD	784. ft		Job Started	22 - Jan - 2013	17:40	MST
Water Depth			Wk Ht Above Floor	3. ft		Job Completed	22 - Jan - 2013	18:24	MST
Perforation Depth (MD)	<i>From</i>		<i>To</i>			Departed Loc	22 - Jan - 2013	19:30	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
Sales/Rental/3rd Party (HES)											

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 9 5/8, HW, 8.16 MIN/9.06 MA	1	EA	719.88	HES

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9.625	1	HES
Float Shoe	9.625	1	WTF	767.71	Bridge Plug					Bottom Plug			
Float Collar	9.625	1	WTF	719.88	Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	HES
Stage Tool										Centralizers	9.625	9	WTF

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	

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 Spacer		20.00	bbl	.	.0	.0	4	
2	VersaCem Tail Cement	VERSACEM (TM) SYSTEM (452010)	215.0	sacks	12.8	2.11	11.75	7.5	11.75
3	Fresh Water Displacement		57.00	bbl	8.33	.0	.0	10	
Calculated Values		Pressures		Volumes					
Displacement	57	Shut In: Instant		Lost Returns	NONE	Cement Slurry	81	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	7	Actual Displacement	57	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	158
Rates									
Circulating	RIG	Mixing	7.5	Displacement	10	Avg. Job	7		
Cement Left In Pipe	Amount	47.83 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

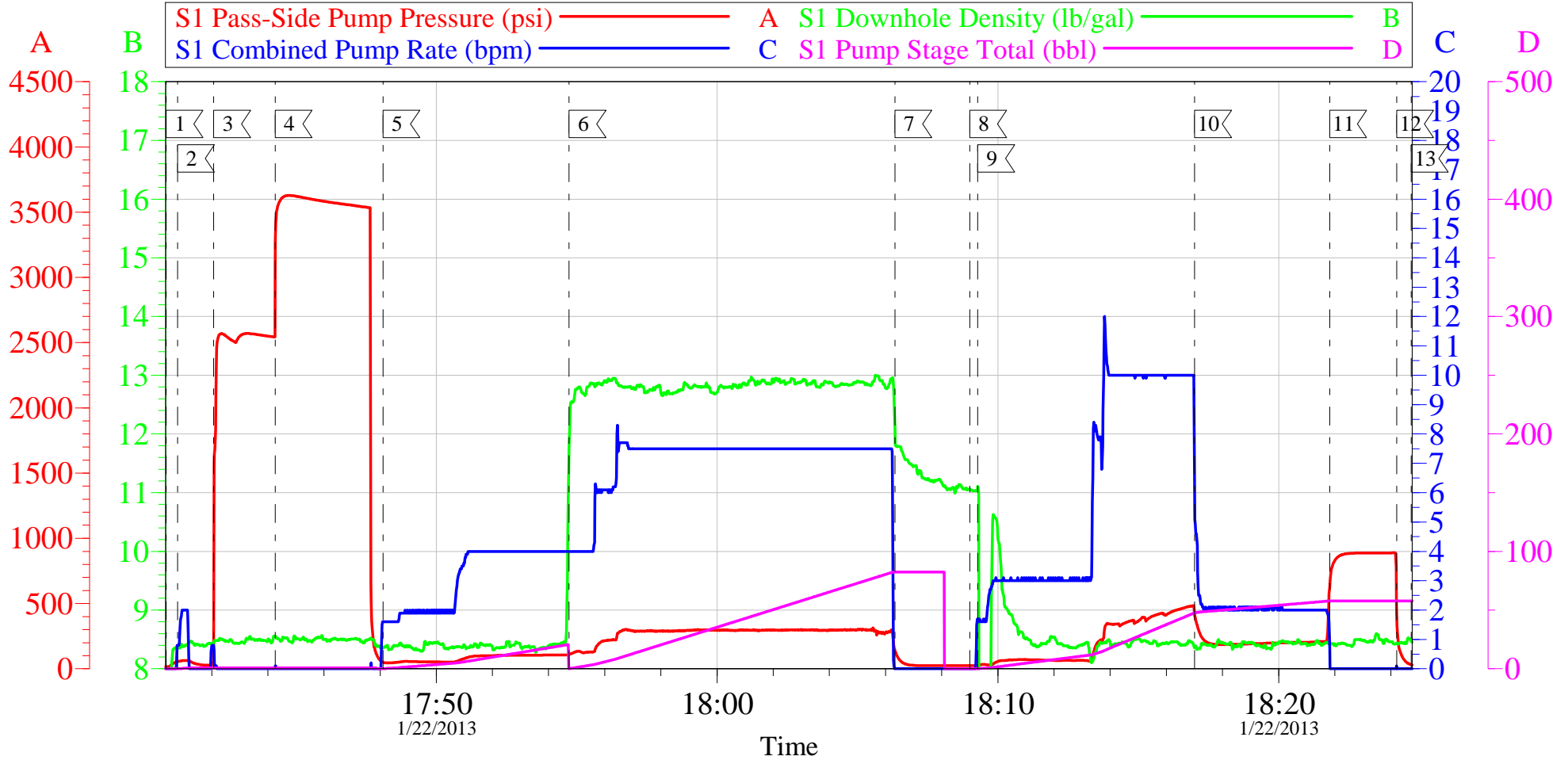
Sold To #: 300721	Ship To #: 2975553	Quote #:	Sales Order #: 900150809
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Well Name: SG		Well #: 344-23	API/UWI #: 05-045-21696
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.419 deg. OR N 39 deg. 25 min. 8.242 secs.		Long: W 108.07 deg. OR W -109 deg. 55 min. 46.34 secs.	
Contractor: CYCLONE 17		Rig/Platform Name/Num: CYCLONE 17	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor:	MBU ID Emp #:

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	01/22/2013 10:20							ALL HES PERSONEL
Crew Leave Yard	01/22/2013 10:30							
Arrive At Loc	01/22/2013 12:15							RIG WAS PULLING OUT DRILL PIPE/RIG LANDED CASING AT 16:30 AND BEGAN TO CIRCULATE WELL AT 16:48
Assessment Of Location Safety Meeting	01/22/2013 16:40							ALL HES PERSONEL
Rig-Up Equipment	01/22/2013 16:48							1-ELITE, 1-660 BULK TRUCK, 2' PUMPING IRON, PLUG CONTAINER AND QUICK LATCH, 2" FLEXIBLE STEEL HOSES
Rig-Up Completed	01/22/2013 17:10							
Pre-Job Safety Meeting	01/22/2013 17:20							ALL HES PERSONEL AND RIG CREW
Start Job	01/22/2013 17:40		8	81				TD-784', TP-767.71', SJ-47.83', OH-13.5", CSG-9.625", 32.3#, H-40, MUD-9.4 PPG, CENT-9
Other	01/22/2013 17:40		2	2			63.0	FILL LINES
Other	01/22/2013 17:42		0.2	0.2				STALL OUT/PRESSURE HELD AT 2510 PSI
Pressure Test	01/22/2013 17:44		0.2	0.2				ALL LINES HELD PRESSURE PRESSURE HELD AT 3628 PSI

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer 1	01/22/2013 17:48		4	20			104.0	FRESH WATER
Pump Tail Cement	01/22/2013 17:54							215 SKS, 12.8 PPG, 2.11 FT3/ SK, 11.75 GAL/SK
Shutdown	01/22/2013 18:06							
Drop Top Plug	01/22/2013 18:09							VERIFIED BY CUSTOMER
Pump Displacement	01/22/2013 18:09		10	47			452.0	FRESH WATER
Slow Rate	01/22/2013 18:17		2	10			239.0	
Bump Plug	01/22/2013 18:21			57				CIRCULATED 7BBLS/19SKS OF CEMENT TO SURFACE
Check Floats	01/22/2013 18:24							FLOATS HELD
End Job	01/22/2013 18:24							
Post-Job Safety Meeting (Pre Rig-Down)	01/22/2013 18:25							ALL HES PERSONEL
Depart from Service Center or Other Site	01/22/2013 19:30							
Other	01/22/2013 19:31							THANK YOU FOR CHOOSING HALLIBURTON, JAVIER CASTILLO AND CREW

WPX SG 344-23

9 5/8 SURFACE



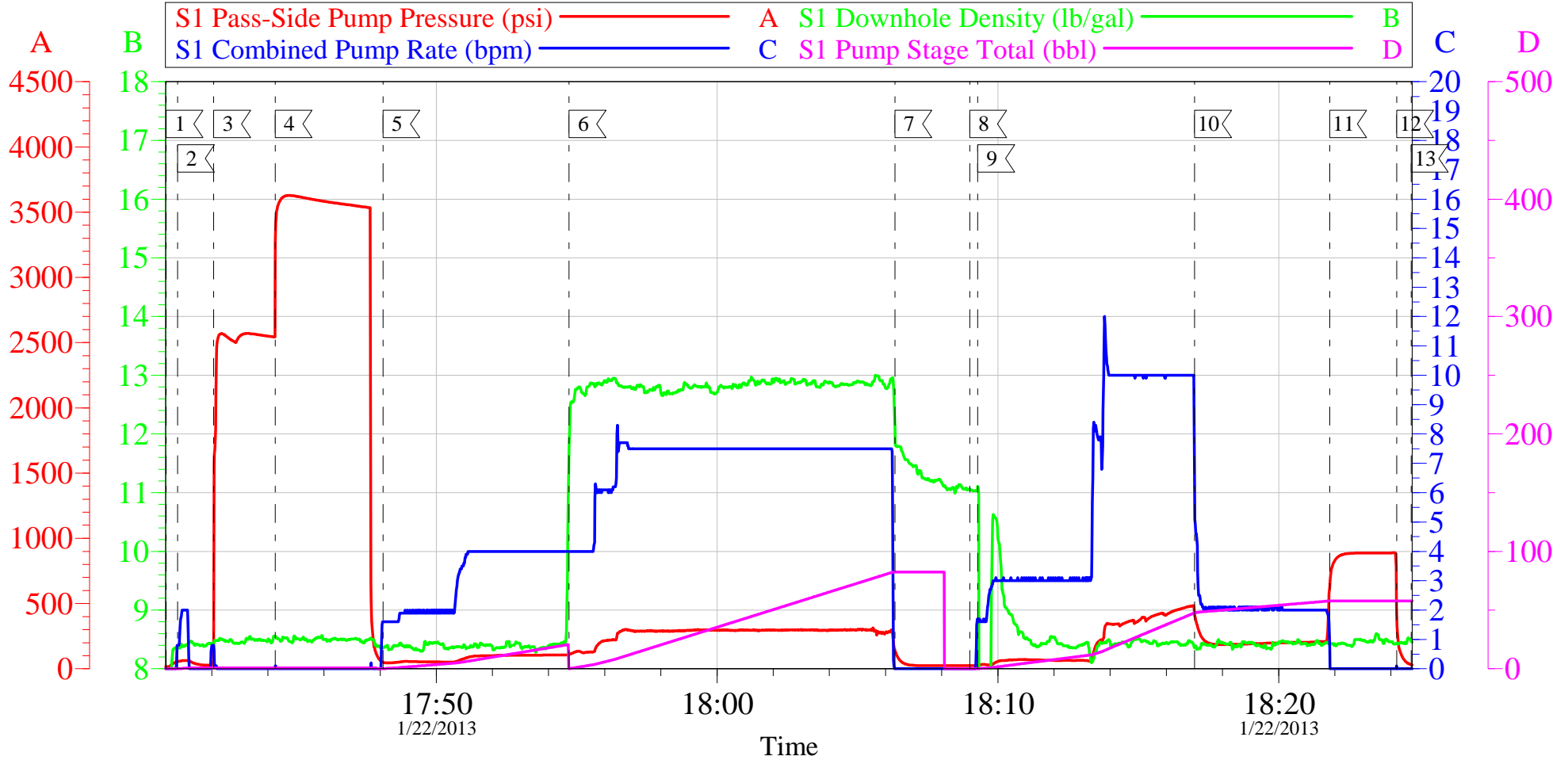
Local Event Log								
1	START JOB	17:40:23	2	FILL LINES	17:40:47	3	STALL OUT	17:42:04
4	TEST LINES	17:44:16	5	WATER SPACER	17:48:06	6	CEMENT SLURRY	17:54:44
7	SHUT DOWN	18:06:20	8	DROP PLUG	18:09:00	9	DISPLACEMENT	18:09:17
10	SLOW RATE	18:17:00	11	BUMP PLUG	18:21:49	12	CHECK FLOATS	18:24:12
13	END JOB	18:24:43						

Customer:	WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Job Date:	22-Jan-2013	Sales Order #:	900150809
Well Description:	SG 344-23	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	AL DUNIHO	Cement Supervisor:	JAVIER CASTILLO	Elite #8:	ANDREW BRENECKE

OptiCem v6.4.10
22-Jan-13 18:39

WPX SG 344-23

9 5/8 SURFACE



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Company Rep:	AL DUNIHO	Cement Supervisor:	JAVIER CASTILLO	Elite #8:	ANDREW BRENECKE

OptiCem v6.4.10
22-Jan-13 18:39

HALLIBURTON

Water Analysis Report

Company: WPX
Submitted by: JAVIER CASTILLO
Attention: J.Trout
Lease: SG
Well #: 344-23

Date: 1/22/2013
Date Rec.: 1/22/2012
S.O.#: 900150809
Job Type: SURFACE

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	7
Potassium (K)	<i>5000</i>	200 Mg / L
Calcium (Ca)	<i>500</i>	120 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>	40 Deg
Total Dissolved Solids		200 Mg / L

Respectfully: JAVIER CASTILLO

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 its

Sales Order #: 900150809	Line Item: 10	Survey Conducted Date: 1/23/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: AL DUNIHO		API / UWI: (leave blank if unknown) 05-045-21696
Well Name: SG		Well Number: 344-23
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	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	1/23/2013
Survey Interviewer	The survey interviewer is the person who initiated the survey.	FRANCISCO CASTILLO (HB85312)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	AL DUNIHO
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	GOOD JOB MEN!

CUSTOMER SIGNATURE

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Customer Representative: AL DUNIHO		API / UWI: (leave blank if unknown) 05-045-21696
Well Name: SG		Well Number: 344-23
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	Well State: Colorado	Well County: Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date	1/23/2013
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	Vertical
What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	
Total Operating Time (hours)	7
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)	1
Total number of hours pumping fluid on this job. Enter in decimal format.	
Customer Non-Productive Rig Time (hrs)	0
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.	
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
Unplanned shutdown is when injection stops for any period of time.	
Was this a Primary Cement Job (Yes / No)	Yes

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Well Name: SG		Well Number: 344-23
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	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	95
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