
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**RG 743/45/4; :
SULFUR CREEK
Rio Blanco County , Colorado**

**Cement Multiple Stages
01-Oct-2013**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 3109137	Quote #:	Sales Order #: 900789118
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Ragsdale, Ted	
Well Name: RG		Well #: 5G1-23-298	API/UWI #:
Field: SULFUR CREEK	City (SAP): MEEKER	County/Parish: Rio Blanco	State: Colorado
Contractor: Cyclone		Rig/Platform Name/Num: Cyclone 29	
Job Purpose: Cement Multiple Stages			
Well Type: Development Well		Job Type: Cement Multiple Stages	
Sales Person: MAYO, MARK		Srvc Supervisor: KEANE, JOHN	MBU ID Emp #: 486519

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ANDERSON, ADAM S	0.0	456683	ATKINSON, STEPHAN Michael	0.0	513940	BANKS, BRENT A	0.0	371353
KEANE, JOHN Donovan	0.0	486519	REEVES, BRANDON W	0.0	287883	ROMKEE, DALE Alan	0.0	488215

Equipment

HES Unit #	Distance-1 way						
10297346	60 mile	10616651C	60 mile	10784080	60 mile	10973571	60 mile
11259881	60 mile	11360883	60 mile	11808827	60 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

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
				01 - Oct - 2013	08:00	MST
Form Type	BHST		On Location	01 - Oct - 2013	14:45	MST
Job depth MD	3396. ft	Job Depth TVD	3396. ft	Job Started	01 - Oct - 2013	18:35
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	01 - Oct - 2013	22:05
Perforation Depth (MD)	<i>From</i>	<i>To</i>	Departed Loc	01 - Oct - 2013	23:15	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

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

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom

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		40.00	bbl	8.33	.0	.0	.0	
2	1st Stage HLC Lead Cement	ECONOCEM (TM) SYSTEM (452992)	600.0	sacks	12.8	1.77	9.34		9.34
9.34 Gal		FRESH WATER							
3	1st Stage Varicem Tail Cement	VARICEM (TM) CEMENT (452009)	185.0	sacks	12.8	1.96	10.95		10.95
10.95 Gal		FRESH WATER							
4	Displacement		260.00	bbl	8.33	.0	.0	.0	
5	Fresh Water Spacer		20.00	bbl	8.33	.0	.0	.0	
6	2nd Stage VariCem Cement	VARICEM (TM) CEMENT (452009)	760.0	sacks	12.8	1.96	10.95		10.95
10.95 Gal		FRESH WATER							
7	Displacement		101.00	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

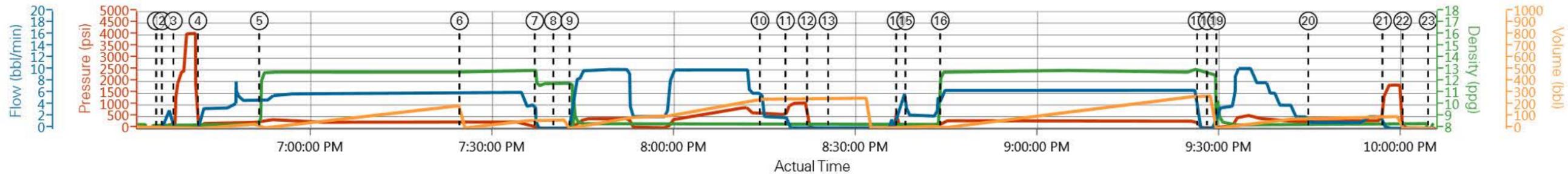
Sold To #: 300721	Ship To #: 3109137	Quote #:	Sales Order #: 900789118
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Ragsdale, Ted	
Well Name: RG		Well #: 5G1-23-298	API/UWI #:
Field: SULFUR CREEK	City (SAP): MEEKER	County/Parish: Rio Blanco	State: Colorado
Legal Description:			
Lat:		Long:	
Contractor: Cyclone		Rig/Platform Name/Num: Cyclone 29	
Job Purpose: Cement Multiple Stages			Ticket Amount:
Well Type: Development Well		Job Type: Cement Multiple Stages	
Sales Person: MAYO, MARK		Srvc Supervisor: KEANE, JOHN	MBU ID Emp #: 486519

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	10/01/2013 08:00							
Pre-Convoy Safety Meeting	10/01/2013 11:50							WITH HES
Arrive At Loc	10/01/2013 14:45							
Pre-Rig Up Safety Meeting	10/01/2013 16:00							WITH HES
Rig-Up Equipment	10/01/2013 16:10							
Pre-Job Safety Meeting	10/01/2013 18:10							WITH HES, WPX, AND CYCLONE 29
Start Job	10/01/2013 18:35							TP 3396.09 FT, TD 3403 FT, SHOE 27.79 FT, HOLE 14.75 IN TO 1250 FT 13.5 IN FROM 1250 FT TO 3403 FT, CSG 9.625 36 LB/FT J-55, MSC TOOL SET AT 1314.22 FT, MWT 8.8 LB/GAL
Pump Water	10/01/2013 18:36		2	2			210.0	FILL LINES
Test Lines	10/01/2013 18:37							LOW TEST AT 2430 PSI, HIGH TEST AT 4060 PSI, PRESSURE HOLDING
Pump Spacer	10/01/2013 18:41		4	40			245.0	FRESH WATER
Pump 1st Stage Lead Slurry	10/01/2013 18:52		8	189.1			365.0	MIXED AT 12.8 LB/GAL, 600 SKS, 1.77 FT3/SK, 9.34 GAL/SK, DENSITY VERIFIED USING PRESSURIZED MUD SCALES

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump 1st Stage Tail Slurry	10/01/2013 19:25		8	65			280.0	MIXED AT 12.8 LB/GAL, 185 SKS, 1.96 FT3/SK, 10.95 GAL/SK, DENSITY VERIFIED USING PRESSURIZED MUD SCALES
Shutdown	10/01/2013 19:37							
Pump Displacement	10/01/2013 19:43		8	250			920.0	FRESH WATER, SLOWED AT 90 BBL AWAY TO LET PLUG PASS THROUGH TOOL, RESUMED TO 10 BBL/MIN AT 105 BBL AWAY
Slow Rate	10/01/2013 20:14		2	10			620.0	SLOWED AT 250 BBL AWAY
Bump Plug	10/01/2013 20:18						640.0	PLUG BUMPED AT CALCULATED DISPLACEMENT
Check Floats	10/01/2013 20:22						1117.0	FLOATS HOLDING, 1.5 BBL RETURNED TO THE TRUCK
Drop Opening Device For Multiple Stage Cementer	10/01/2013 20:25						.0	DROP OPENING DEVICE FOR MSC, LOADED TOP PLUG INTO CEMENT HEAD
Open Multiple Stage Cementer	10/01/2013 20:37						685.0	OPENED MSC TOOL, ESTABLISHED CIRCULATION
Pump Spacer	10/01/2013 20:38		4	20			245.0	FRESH WATER
Pump 2nd Stage Tail Slurry	10/01/2013 20:44		6.5	265			395.0	MIXED AT 12.8 LB/GAL, 760 SKS, 1.96 FT3/SK, 10.95 GAL/SK, DENSITY VERIFIED USING PRESSURIZED MUD SCALES, CIRCULATED 40 BBL OF CEMENT OFF THE TOP OF THE TOOL TO SURFACE
Shutdown	10/01/2013 21:26							
Drop Top Plug	10/01/2013 21:28							PLUG LAUNCHED
Pump Displacement	10/01/2013 21:30		6	85			525.0	FRESH WATER

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Slow Rate	10/01/2013 21:45		1	15			200.0	SLOWED AT 90 BBL AWAY
Close Multiple Stage Cementer	10/01/2013 21:57		1				330.0	PLUG BUMPED AT CALCULATED DISPLACEMENT, MSC TOOL CLOSED
Check Floats	10/01/2013 22:00						1773.0	FLOATS HOLDING, 1 BBL RETURNED TO THE TRUCK
End Job	10/01/2013 22:05							GOOD CIRCULATION THROUGHOUT THE JOB, PIPE WAS STATIC DURING THE JOB, NO ADD HOURS CHARGED, NO DERRICK CHARGE, RIG USED NO SUGAR, 80 BBL CEMENT CIRCULATED TO SURFACE, USED 10 BBL, 29 SACKS OF CEMENT TO TOP OFF RGU-23-27-298
Pre-Rig Down Safety Meeting	10/01/2013 22:10							WITH HES
Rig-Down Equipment	10/01/2013 22:15							
Pre-Convoy Safety Meeting	10/01/2013 23:00							WITH HES
Crew Leave Location	10/01/2013 23:15							
Comment	10/01/2013 23:16							THANKS FOR USING HALLIBURTON, JOHN KEANE AND CREW

WPX - RGU-531-23-298 - 2-STAGE 9.625 IN SURFACE



PS Pump Press (psi) DH Density (ppg) Comb Pump Rate (bbl/min) Pump Stg Tot (bbl)

- | | | |
|--------------------------------------|---|--|
| ① Start Job 5;8.26;0;0 | ⑨ Pump Displacement 25;5.07;2.7;0.4 | ⑰ Shutdown 39;12.92;0;277.3 |
| ② Fill Lines 5;8.31;1.3;0 | ⑩ Slow Rate 561;8.4;2;250.5 | ⑱ Drop Top Plug 19;12.71;0;277.3 |
| ③ Test Lines 1931;8.3;0;2.8 | ⑪ Bump Plug 954;8.42;0;258.6 | ⑲ Pump Displacement 88;9.01;3.4;1.9 |
| ④ Fresh Water Spacer 134;8.3;2.2;0.2 | ⑫ Check Floats 30;8.4;0;258.7 | 20 Slow Rate 276;8.34;1;85.7 |
| ⑤ Pump Lead Cement 313;12.83;4.8;2.4 | ⑬ Drop Opening Device For Multiple Stage Cementer 8;8.4;0;258.7 | 21 Close Multiple Stage Cementer 1402;8.38;0.4;100.5 |
| ⑥ Pump Tail Cement 276;12.83;6;0.9 | ⑭ Open Multiple Stage Cementer 115;8.41;4;2.1 | 22 Check Floats 14;8.35;0;0 |
| ⑦ Shutdown 21;11.61;0;70.9 | ⑮ Fresh Water Spacer 104;8.4;2.2;9 | 23 End Job 7;8.33;0;0 |
| ⑧ Drop Plug 13;11.79;0;70.9 | ⑯ Pump Tail Cement 323;12.8;6.5;3.9 | |

▼ HALLIBURTON | iCem® Service

Created: 2013-10-01 16:50:42, Version: 2.0.606

Edit

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

Job Date: 10/1/2013 4:53:27 PM

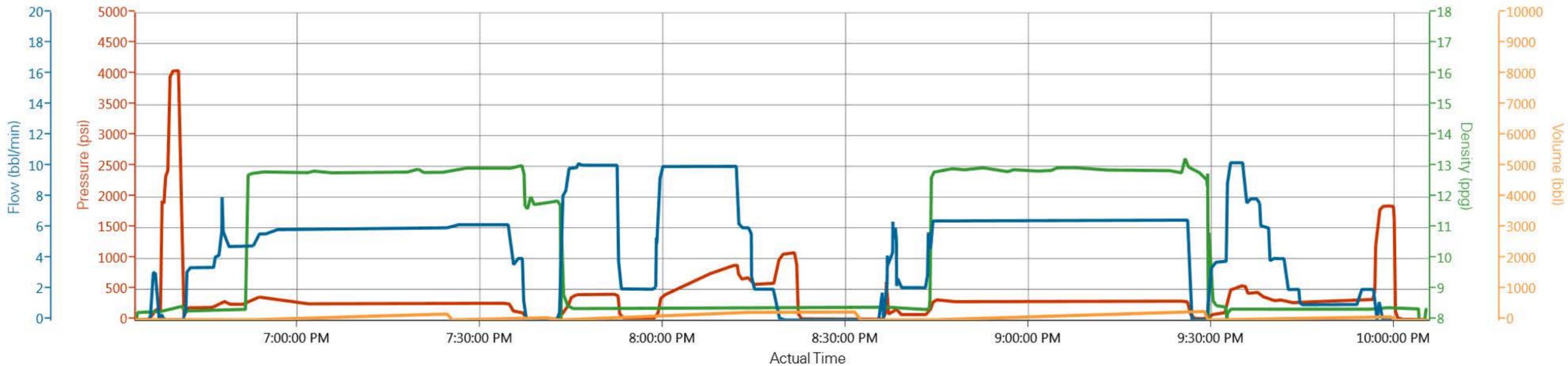
Well: RGU-531-23-298 **RGU 521-23-298**

Representative: TED RAGSDALE

Sales Order #: 900789118

ELITE 7 : JOHN KEANE / BRENT BANKS

WPX - RGU-531-23-298 - 2-STAGE 9.625 IN SURFACE



PS Pump Press (psi) DH Density (ppg) Comb Pump Rate (bbl/min) Pump Stg Tot (bbl)

HALLIBURTON

Water Analysis Report

Company: WPX
Submitted by: JOHN KEANE
Attention: CHUCK ROSS
Lease: RG
Well #: 541-23-298

Date: 10/2/2013
Date Rec.: 10/2/2013
S.O.#: 900789118
Job Type: SURFACE

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	8
Potassium (K)	<i>5000</i>	0 Mg / L
Calcium (Ca)	<i>500</i>	425 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>	58 Deg
Total Dissolved Solids		425 Mg / L

Respectfully: JOHN KEANE

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 use.

Sales Order #: 900789118	Line Item: 10	Survey Conducted Date: 10/2/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT MULTIPLE STAGES BOM
Customer Representative: TED RAGSDALE		API / UWI: (leave blank if unknown) AFEYKRZINKKJS0JRAAA
Well Name: RG		Well Number: 5GI-23-298
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Rio Blanco

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	10/2/2013
Survey Interviewer	The survey interviewer is the person who initiated the survey.	JOHN KEANE (HB58526)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	TED RAGSDALE
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	GREAT JOB GUYS WELL DON !!! / THANKS

CUSTOMER SIGNATURE

Sales Order #: 900789118	Line Item: 10	Survey Conducted Date: 10/2/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT MULTIPLE STAGES BOM
Customer Representative: TED RAGSDALE		API / UWI: (leave blank if unknown) AFEYKRZINKKJS0JRAAA
Well Name: RG		Well Number: 5GF-23-298
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Rio Blanco

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date	10/2/2013
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)	3
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	6
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

Sales Order #: 900789118	Line Item: 10	Survey Conducted Date: 10/2/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT MULTIPLE STAGES BOM
Customer Representative: TED RAGSDALE		API / UWI: (leave blank if unknown) AFEYKRZINKKJS0JRAAA
Well Name: RG		Well Number: 5GI-23-298
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Rio Blanco

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	97
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