
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**SG 543-23
GRAND VALLEY
Garfield County , Colorado**

Cement Surface Casing
22-Feb-2013

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2978531	Quote #:	Sales Order #: 900190440
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Moore, Frank	
Well Name: SG		Well #: 543-23	API/UWI #: 05-045-21692
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.419 deg. OR N 39 deg. 25 min. 8.54 secs.		Long: W 108.07 deg. OR W -109 deg. 55 min. 46.391 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: KUKUS, CHRISTOPHER	MBU ID Emp #: 413952

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GOWEN, WESLEY M	0.0	496205	GRAGERT, JEFFREY Robert	0.0	528091	KUKUS, CHRISTOPHER A	0.0	413952

Equipment

HES Unit #	Distance-1 way						
10296152C	60 mile	11021972	60 mile	11027039	60 mile	11583931	60 mile
11808849	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type		BHST	On Location	22 - Feb - 2013	02:00	MST
Job depth MD	1029. ft	Job Depth TVD	1029. ft	Job Started	22 - Feb - 2013	06:25
Water Depth		Wk Ht Above Floor	5. ft	Job Completed	22 - Feb - 2013	07:20
Perforation Depth (MD)	<i>From</i>	<i>To</i>	Departed Loc	22 - Feb - 2013	08:30	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, HWE, 8.16 MIN/9.06 MA	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
---------	------------	------------	-----	---------	------------------------	---------------------------	------------------	--------------	------------------------

Stage/Plug #: 1

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	.0		
2	Tail Cement	VERSACEM (TM) SYSTEM (452010)	280.0	sacks	12.8	2.11	11.75		11.75	
11.75 Gal		FRESH WATER								
3	Fresh Water Displacement		77.00	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

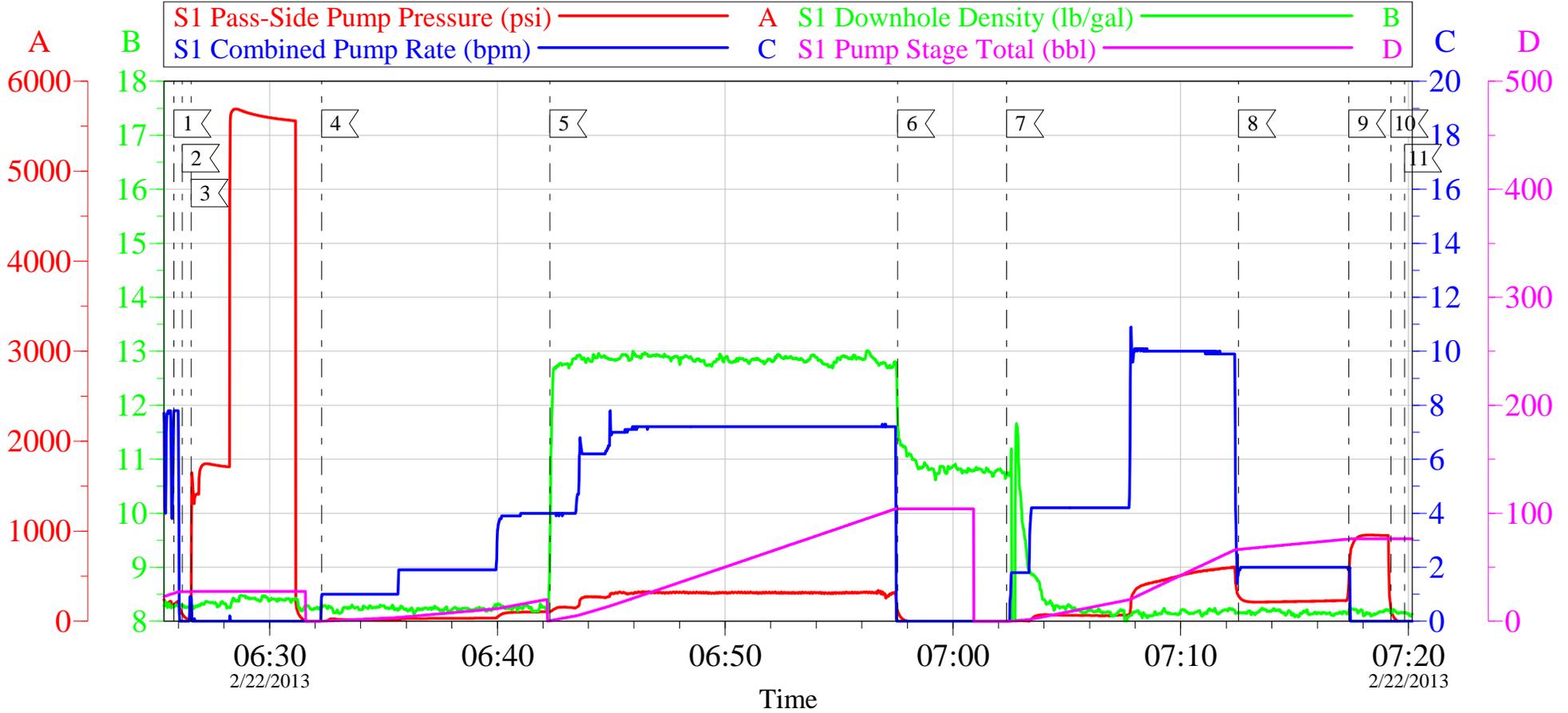
Sold To #: 300721	Ship To #: 2978531	Quote #:	Sales Order #: 900190440
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Moore, Frank	
Well Name: SG		Well #: 543-23	API/UWI #: 05-045-21692
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.419 deg. OR N 39 deg. 25 min. 8.54 secs.		Long: W 108.07 deg. OR W -109 deg. 55 min. 46.391 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		Srv Supervisor: KUKUS, CHRISTOPHER	MBU ID Emp #: 413952

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/21/2013 22:45							ELITE # 9
Depart Yard Safety Meeting	02/22/2013 00:30							ALL HES EMPLOYEES
Arrive At Loc	02/22/2013 02:00							RIG PULLING DRILL PIPE HES CREW ARRIVED 1 HOUR EARLY HES SPOTTED TRUCKS AND RIGGED UP
Assessment Of Location Safety Meeting	02/22/2013 02:15							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	02/22/2013 02:20							ALL HES EMPLOYEES
Rig-Up Equipment	02/22/2013 02:30							1 F-550 PICKUP 1 HT-400 PUMP TRUCK 1 660 BULK TRUCK IRON TO STAND PIPE / SUCTION HOSE TO FRESH WATER SUPPLY
Pre-Job Safety Meeting	02/22/2013 06:00							ALL HES EMPLOYEES AND RIG CREW
Start Job	02/22/2013 06:25							TD: 1029 TP: 1025 SJ: 42.29 CSG: 9 5/8 32.3# OH: 13 1/2 MUD WT 9.6 RIG WILL CIRULATE A BOTTOMS UP
Test Lines	02/22/2013 06:26					5690.0		PRESSURE TEST OK
Pump Spacer	02/22/2013 06:32		4	20	20		104.0	FRESH WATER SPACER
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

		#		Stage	Total	Tubing	Casing	
Pump Tail Cement	02/22/2013 06:42		7	105.2	105.2		320.0	280 SKS 12.8 PPG 2.11 YEILD 11.75 GAL / SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGH OUT TAIL CEMENT
Shutdown	02/22/2013 06:57							END OF CEMENT / WASH UP TUB
Drop Plug	02/22/2013 06:58							PLUG AWAY NO PROBLEMS
Pump Displacement	02/22/2013 07:02		10	77.3	77.3		425.0	FRESH WATER DISPLACEMENT HES WASHED UP ON TOP OF PLUG PER CO-REP REQUEST
Slow Rate	02/22/2013 07:12		2	67.3	67.3		213.0	SLOW RATE TO BUMP PLUG
Bump Plug	02/22/2013 07:17		2	77.3	77.3		230.0	BUMP PLUG @ 230 AND TOOK PRESSURE UP TO 954 PSI
Check Floats	02/22/2013 07:19							FLOATS HELD 1 BBL BACK TO DISPLACEMENT TANKS
End Job	02/22/2013 07:20							WELL HAD GOOD CIRCULATION THROUGH OUT CEMENT JOB GOT 20 BBLs OF CEMENT TO SURFACE RIG USED 40 LBS SUGAR TICKET CHANGES: TOOK OFF ADD HOURS , DERRICK CHARGE, SUGAR TO 40LBS
Pre-Rig Down Safety Meeting	02/22/2013 07:30							ALL HES EMPLOYEES
Rig-Down Equipment	02/22/2013 07:45							RIG DOWN FLOOR / WASH UP AND BLOW DOWN PUMP / RACK UP IRON AND WATER HOSES
Pre-Convoy Safety Meeting	02/22/2013 08:20							ALL HES EMPLOYEES
Crew Leave Location	02/22/2013 08:30							THANKS FOR USING HALLIBURTON CEMENT CHRIS KUKUS AND CREW

WPX ENERGY / SG 543-23

9 5/8 SURFACE

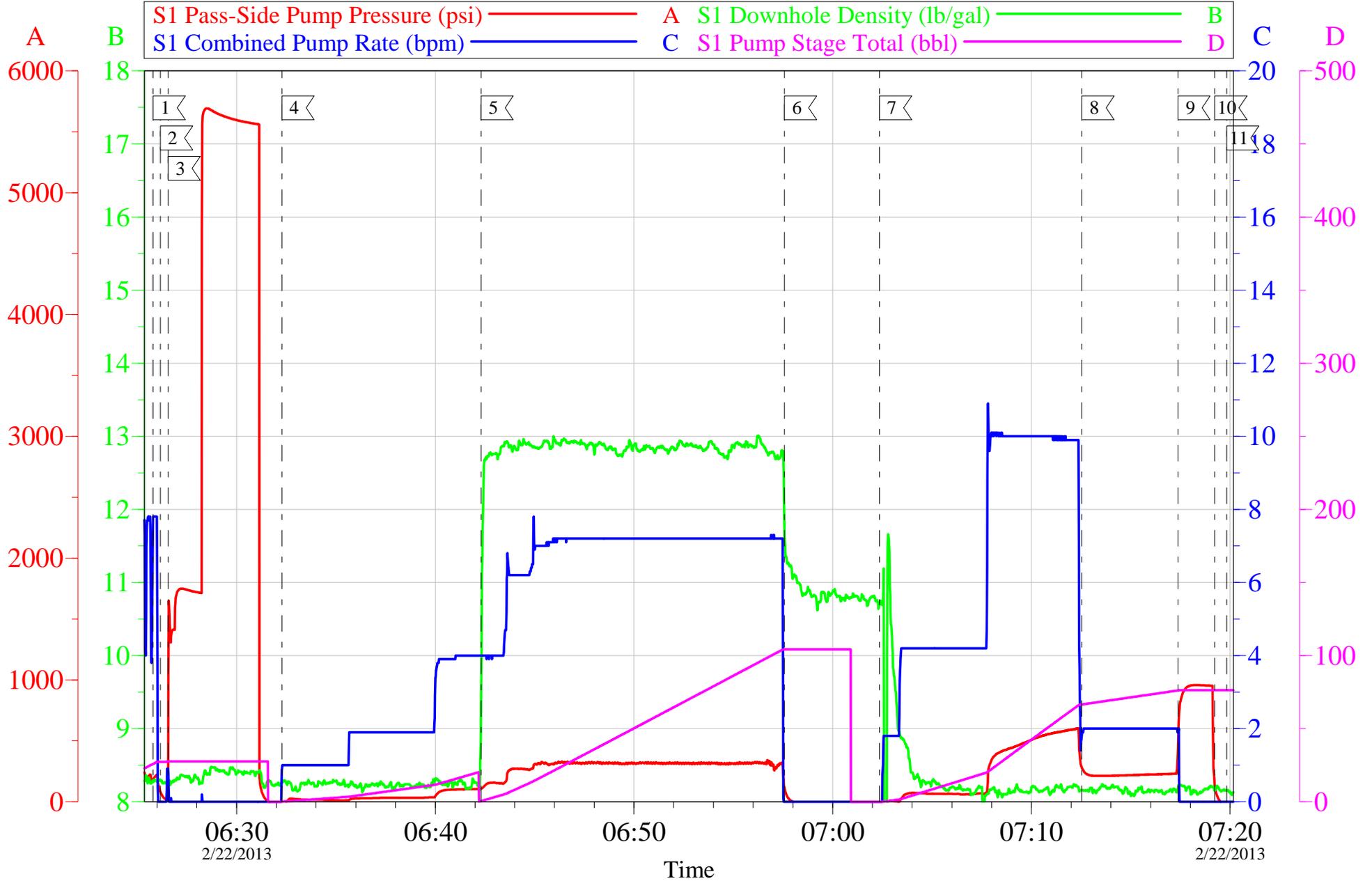


1	START JOB	06:25:48	2	FILL LINES	06:26:10
3	TEST LINES	06:26:33	4	PUMP FRESH WATER SPACER	06:32:17
5	PUMP TAIL CEMENT	06:42:18	6	SHUTDOWN / DROP PLUG	06:57:34
7	PUMP FRESH WATER DISPLACEMENT	07:02:22	8	SLOW RATE	07:12:32
9	BUMP PLUG	07:17:23	10	CHECK FLOATS	07:19:14
11	END JOB	07:19:50			

Customer:	WPX ENERGY	Job Date:	22-Feb-2013	Sales Order #:	900190440
Well Description:	SG 543-23	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	FRANK MOORE	Cement Supervisor:	CHRIS KUKUS	Elite # 9:	WESLEY GOWEN

WPX ENERGY / SG 543-23

9 5/8 SURFACE



Customer: WPX ENERGY	Job Date: 22-Feb-2013	Sales Order #: 900190440
Well Description: SG 543-23	Job Type: SURFACE	ADC Used: YES
Company Rep: FRANK MOORE	Cement Supervisor: CHRIS KUKUS	Elite # 9: WESLEY GOWEN

OptiCem v6.4.10
22-Feb-13 07:46

HALLIBURTON

Water Analysis Report

Company: WPX

Date: 2/22/2013

Submitted by: CHRIS KUKUS

Date Rec.: 2/22/2013

Attention: J. TROUT/C.MARTINEZ

S.O.# 900190440

Lease SG

Job Type: SURFACE

Well # 543-23

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	6.8
Potassium (K)	<i>5000</i>	0 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>	UNDER 200 Mg / L
Chlorine (Cl ₂)		0 Mg / L
Temp	<i>40-80</i>	50 Deg
Total Dissolved Solids		440 Mg / L

Respectfully: CHRIS KUKUS

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 #: 900190440	Line Item: 10	Survey Conducted Date: 2/22/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: FRANK MOORE		API / UWI: (leave blank if unknown) 05-045-21692
Well Name: SG		Well Number: 543-23
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	2/22/2013
Survey Interviewer	The survey interviewer is the person who initiated the survey.	CHRISTOPHER KUKUS (HX35027)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	FRANK MOORE
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 #: 900190440	Line Item: 10	Survey Conducted Date: 2/22/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: FRANK MOORE		API / UWI: (leave blank if unknown) 05-045-21692
Well Name: SG		Well Number: 543-23
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	2/22/2013
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)	3
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)	1.5
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 #: 900190440	Line Item: 10	Survey Conducted Date: 2/22/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: FRANK MOORE		API / UWI: (leave blank if unknown) 05-045-21692
Well Name: SG		Well Number: 543-23
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	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	90
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