
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**PA 413-4
PARACHUTE
Garfield County , Colorado**

**Cement Surface Casing
03-Jan-2013**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2968978	Quote #:	Sales Order #: 900069483
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Wilson, W.C.	
Well Name: PA		Well #: 413-4	API/UWI #: 05-045-20077
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.463 deg. OR N 39 deg. 27 min. 48.539 secs.		Long: W 108.007 deg. OR W -109 deg. 59 min. 35.117 secs.	
Contractor: NABORS 577		Rig/Platform Name/Num: NABORS 577	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor: WYCKOFF, RYAN	MBU ID Emp #: 476117

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ANDERSON, ADAM	0.0	456683	WEAVER, CARLTON	0.0	457698	WYCKOFF, RYAN	0.0	476117
S			Russell			Scott		

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
	60 mile	10565341	60 mile	10897797	60 mile	10973571	60 mile
11583932	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
Form Type		BHST	On Location	03 - Jan - 2013	14:00	MST
Job depth MD	887.6 ft	Job Depth TVD	Job Started	03 - Jan - 2013	18:33	MST
Water Depth		Wk Ht Above Floor	Job Completed	03 - Jan - 2013	19:38	MST
Perforation Depth (MD)	From	To	Departed Loc	03 - Jan - 2013	20:45	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											

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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	Water Spacer				20.00	bbl	8.33	.0	.0	.0	
2	Tail Cement	VERSACEM (TM) SYSTEM (452010)			265.0	sacks	12.8	2.11	11.75		11.75
3	Displacement				66.00	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						

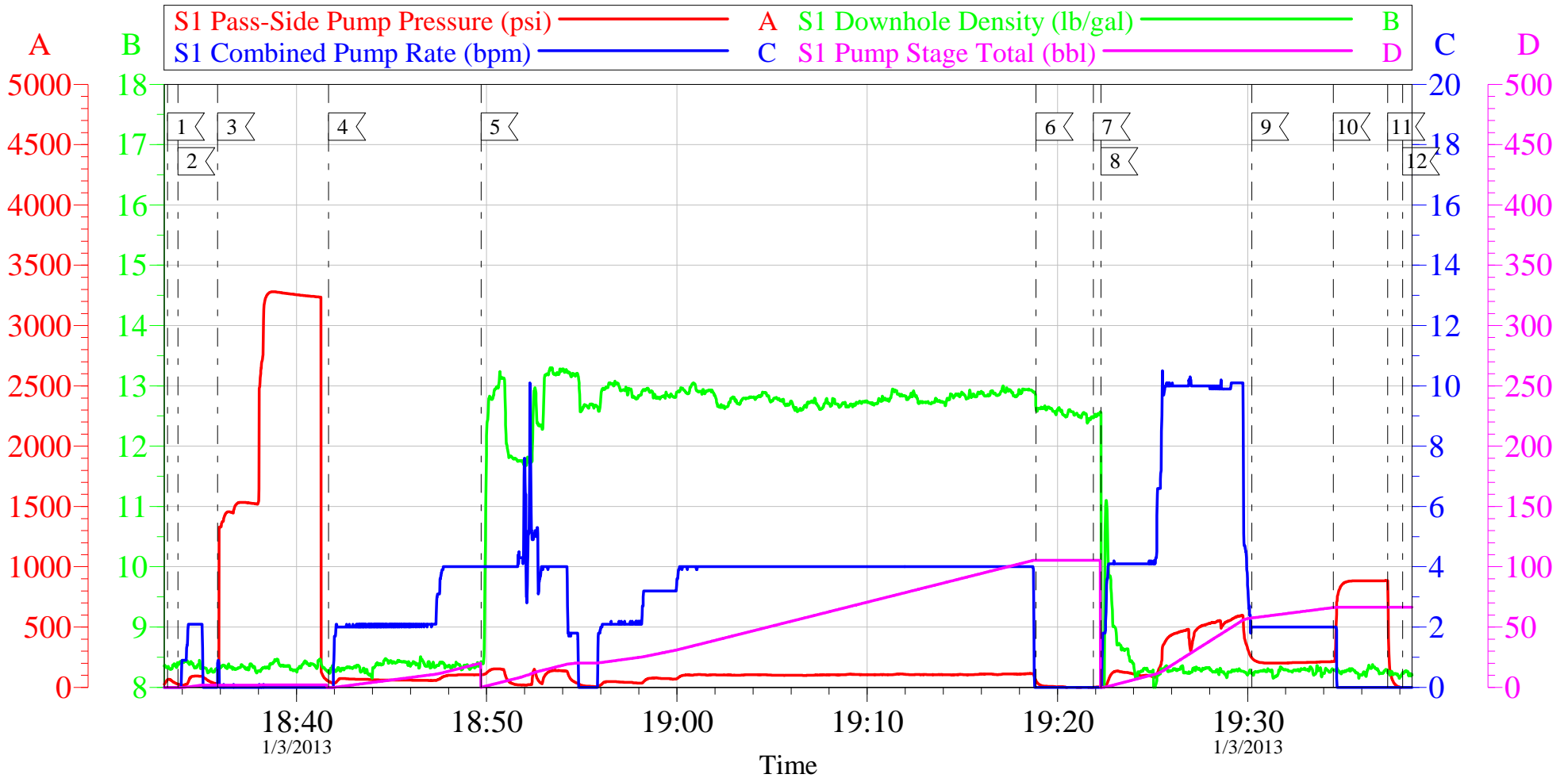
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Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
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Contractor: NABORS 577		Rig/Platform Name/Num: NABORS 577	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor: WYCKOFF, RYAN	MBU ID Emp #: 476117

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	01/03/2013 11:00							ELITE # 9
Pre-Convoy Safety Meeting	01/03/2013 13:00							ALL HES EMPLOYEES
Arrive At Loc	01/03/2013 14:00							ARRIVE AT LOCATION AT 14:00, CASING CREW WAS RIGGING UP, WAITED OFF LOCATION UNTIL CASING ON BOTTOM
Assessment Of Location Safety Meeting	01/03/2013 14:10							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	01/03/2013 15:30							ALL HES EMPLOYEES
Rig-Up Equipment	01/03/2013 15:45							1 HT 400 PUMP TRUCK (ELITE # 9), 1-660 BULK TRUCK, 1 F-550 PICKUP
Pre-Job Safety Meeting	01/03/2013 18:00							ALL HES EMPLOYEES AND RIG CREW
Rig-Up Completed	01/03/2013 18:20							
Start Job	01/03/2013 18:33							TD 902', TP 887.6', CSG 9 5/8" 32.3#, SHOE 43.81', OH 13 1/2", MUD 9.3 PPG
Pressure Test	01/03/2013 18:35					3280.0		PRESSURE TEST PUMPS AND LINES TO 3000 PSI
Pump Spacer	01/03/2013 18:41		4	20	20		60.0	PUMP 20 BBLS FRESH WATER SPACER
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Pump Tail Cement	01/03/2013 18:49		6	99.6	99.6		110.0	265 SKS, 12.8 PPG, 2.11 YIELD, 11.75 GAL/SK, WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT, STARTED MIXING CEMENT AND LOST PRIME RE PRIMED PUMPS, HAD TROUBLE MIXING WITH ADC MIXED BY HAND
Shutdown	01/03/2013 19:18							
Drop Plug	01/03/2013 19:21							PLUG AWAY WITH NO ISSUES
Pump Displacement	01/03/2013 19:22		10	66.4	66.4		568.0	PUMP FRESH WATER DISPLACEMENT, WASH UP ON TOP OF PLUG AS PER COMPANY REP
Slow Rate	01/03/2013 19:30		2	56.4	56.4		220.0	SLOW RATE TO BUMP PLUG AS PER COMPANY REP
Bump Plug	01/03/2013 19:34		2	66.4	66.4		875.0	BUMP PLUG @ 220 PSI, PRESSURE UP TO 875 PSI, 18 BBLS OF CEMENT BACK TO SURFACE
Check Floats	01/03/2013 19:37							FLOATS HELD 1 BBL BACK TO DISPLACEMENT TANK
End Job	01/03/2013 19:38							40# OF SUGAR, NO DERICH CHARGE, 2 ADD HOURS
Pre-Rig Down Safety Meeting	01/03/2013 19:45							ALL HES EMPLOYEES
Rig-Down Equipment	01/03/2013 20:00							
Pre-Convoy Safety Meeting	01/03/2013 20:30							ALL HES EMPLOYEES
Crew Leave Location	01/03/2013 20:45							THANK YOU FOR USING HALLIBURTON CEMENT RYAN WYCKOFF AND CREW

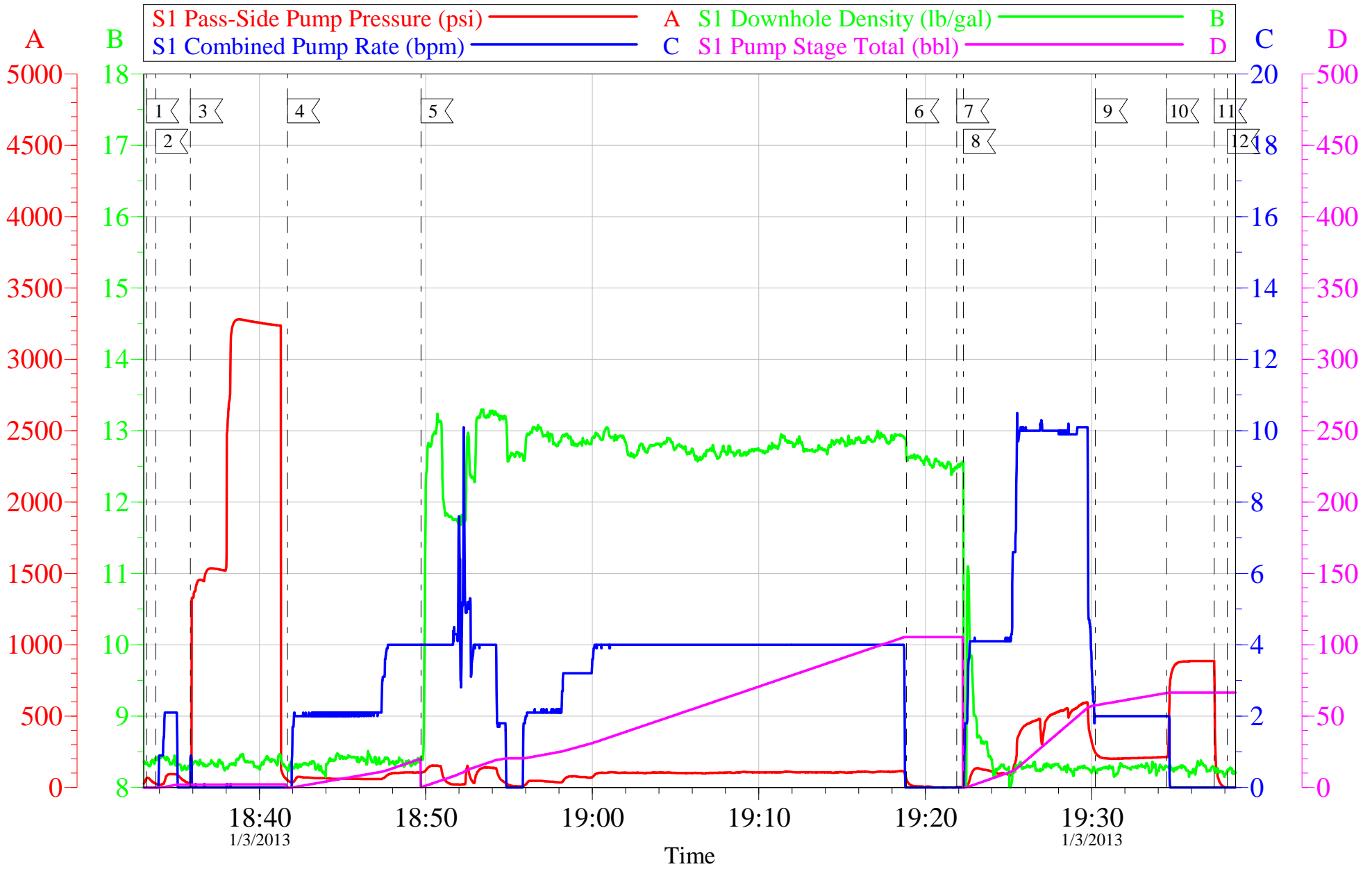
WPX PA 413-4 9 5/8" SURFACE



Local Event Log			
1 START JOB	18:33:13	2 FILL LINES	18:33:46
			3 PRESSURE TEST
			18:35:52
4 PUMP H2O SPACER	18:41:42	5 PUMP TAIL CEMENT	18:49:42
			6 SHUTDOWN
			19:18:52
7 DROP PLUG	19:21:53	8 PUMP H2O DISPLACEMENT	19:22:17
			9 SLOW RATE
			19:30:13
10 BUMP PLUG	19:34:30	11 CHECK FLOATS	19:37:22
			12 END JOB
			19:38:08

Customer: WPX	Job Date: 03-Jan-2013	Sales Order #: 900069483
Well Description: PA 413-4	Job Type: SURFACE	ADC Used: YES
Company Rep: W.C. WILSON	Cement Supervisor: RYAN WYCKOFF	Elite # 9: RUSTY WEAVER

WPX PA 413-4 9 5/8" SURFACE



Customer: WPX	Job Date: 03-Jan-2013	Sales Order #: 900069483
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Company Rep: W.C. WILSON	Cement Supervisor: RYAN WYCKOFF	Elite # 9: RUSTY WEAVER

HALLIBURTON

Water Analysis Report

Company: WPX

Submitted by: RYAN WYCKOFF

Attention: J. TROUT/C.MARTINEZ

Lease PA

Well # 413-4

Date: 1/3/2013

Date Rec.: 1/3/2013

S.O.# 900069483

Job Type: SURFACE

15-13-2219

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	6.7
Potassium (K)	<i>5000</i>	200 Mg / L
Calcium (Ca)	<i>500</i>	Mg / L
Iron (FE2)	<i>300</i>	0 Mg / L
Chlorides (Cl)	<i>3000</i>	Mg / L
Sulfates (SO ₄)	<i>1500</i>	UNDER 200 Mg / L
Chlorine (Cl ₂)		Mg / L
Temp	<i>40-90</i>	50 Deg
Total Dissolved Solids		60 Mg / L

Respectfully: RYAN WYCKOFF

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

Sales Order #: 900069483	Line Item: 10	Survey Conducted Date: 1/3/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: W.C. WILSON		API / UWI: (leave blank if unknown) 05-045-20077
Well Name: PA		Well Number: 413-4
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	1/3/2013
Survey Interviewer	The survey interviewer is the person who initiated the survey.	RYAN WYCKOFF (HB47901)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	W.C. WILSON
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	TRUCK NEEDS WORK

CUSTOMER SIGNATURE

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Customer Representative: W.C. WILSON		API / UWI: (leave blank if unknown) 05-045-20077
Well Name: PA		Well Number: 413-4
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	1/3/2013
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)	2
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	6
Number Of Jsas Performed	
Number of Unplanned Shutdowns	1
Unplanned shutdown is when injection stops for any period of time.	
Reason For Unplanned Shutdown	ADC NOT WORKING

Sales Order #: 900069483	Line Item: 10	Survey Conducted Date: 1/3/2013
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Customer Representative: W.C. WILSON		API / UWI: (leave blank if unknown) 05-045-20077
Well Name: PA		Well Number: 413-4
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	Well State: Colorado	Well County: Garfield

Reason For Unplanned Shutdowns (after Starting To Pump)	
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	85
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