
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**PA 344-2
PARACHUTE
Garfield County , Colorado**

**Cement Surface Casing
26-Jan-2013**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2971031	Quote #:	Sales Order #: 900092815
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Vallad, Gary	
Well Name: PA		Well #: 344-2	API/UWI #: 05-045-20895
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.466 deg. OR N 39 deg. 27 min. 57.308 secs.		Long: W 107.954 deg. OR W -108 deg. 2 min. 45.352 secs.	
Contractor: NABORS 574		Rig/Platform Name/Num: NABORS 574	
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	KUKUS, CHRISTOPHER A	0.0	413952	LOGAN, CHRISTOPHER J	0.0	520343
RAMSEY, STANTON Michael	0.0	477609						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248057	60 mile	10296152C	60 mile	10784064	60 mile	11006314	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 Total is the sum of each column separately

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone	
Formation Depth (MD)			On Location	26 - Jan - 2013	01:00	MST	
Form Type		BHST	Job Started	26 - Jan - 2013	05:00	MST	
Job depth MD	1535. ft	Job Depth TVD	1535. ft	Job Started	26 - Jan - 2013	11:42	MST
Water Depth		Wk Ht Above Floor	5. ft	Job Completed	26 - Jan - 2013	12:52	MST
Perforation Depth (MD)	From	To	Departed Loc	26 - Jan - 2013	14:30	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

1	Water Spacer		20.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	200.0	sacks	12.3	2.38	13.75		13.75
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75		11.75
4	Displacement		115.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
<i>Displacement</i>		Shut In: Instant		Lost Returns		<i>Cement Slurry</i>		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
<i>Circulating</i>		<i>Mixing</i>		<i>Displacement</i>			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 #: 2971031	Quote #:	Sales Order #: 900092815
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Vallad, Gary	
Well Name: PA		Well #: 344-2	API/UWI #: 05-045-20895
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.466 deg. OR N 39 deg. 27 min. 57.308 secs.		Long: W 107.954 deg. OR W -108 deg. 2 min. 45.352 secs.	
Contractor: NABORS 574		Rig/Platform Name/Num: NABORS 574	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor: KUKUS, CHRISTOPHER	MBU ID Emp #: 413952

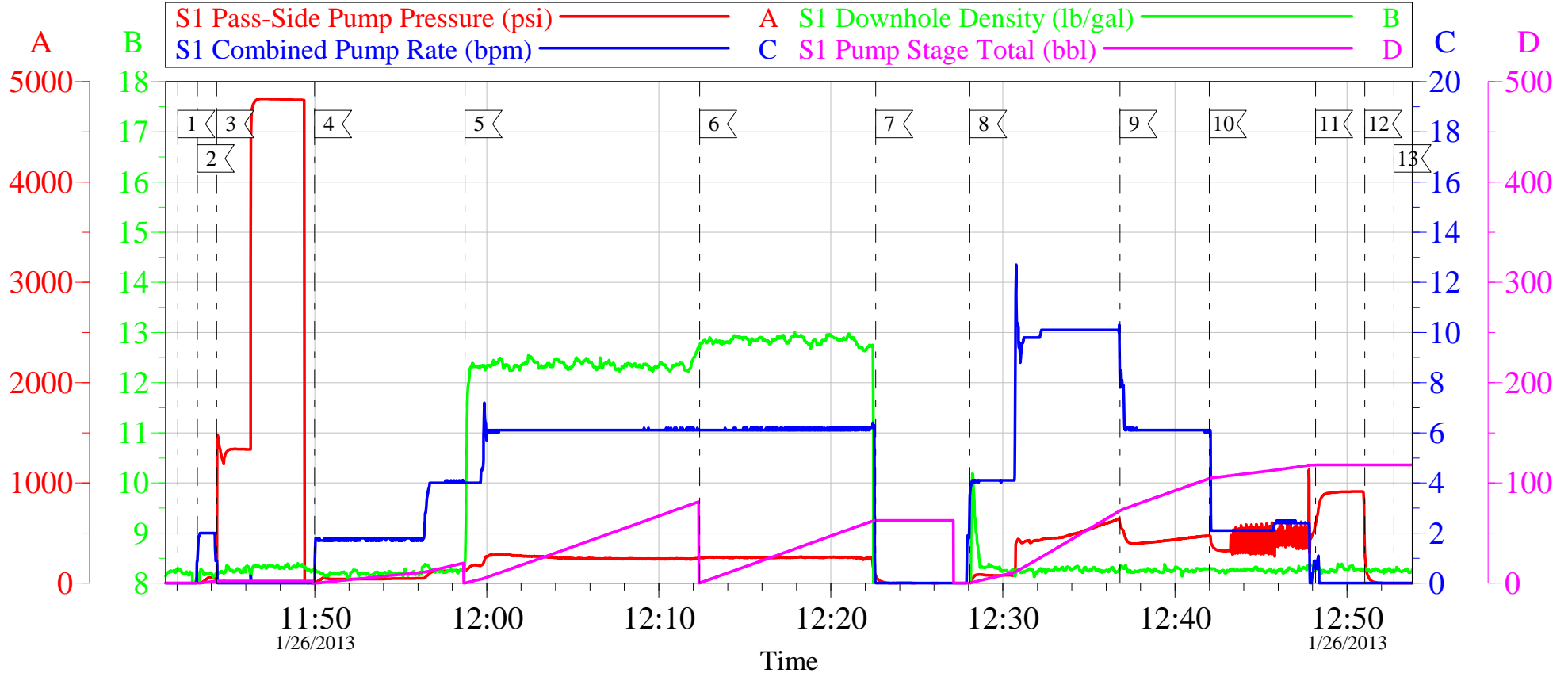
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	01/26/2013 01:00							ELITE # 9
Depart Yard Safety Meeting	01/26/2013 03:00							ALL HES EMPLOYEES
Arrive At Loc	01/26/2013 05:00							RIG PULLING DRILL PIPE HES CREW ARRIVED 2 HOURS EARLY DID NOT START CHARGING TIME TILL ON LOCATION TIME HES CREW SPOTTED TRUCKS AND RIGGED UP PER CO-REP REQUEST
Assessment Of Location Safety Meeting	01/26/2013 05:10							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	01/26/2013 05:20							ALL HES EMPLOYEES
Rig-Up Equipment	01/26/2013 05:30							1 F-550 PICKUP 1 HT-400 PUMP TRUCK 1 660 BULK TRUCK 1 BODYLOAD
Pre-Job Safety Meeting	01/26/2013 11:30							ALL HES EMPLOYEES AND RIG CREW
Start Job	01/26/2013 11:42							TD: 1535 TP: 1507 SJ: 37 CSG: 9 5/8 32.3# OH: 13 1/2 MUD WT 10.4 VISC: 80
Test Lines	01/26/2013 11:43					4831.0		PRESSURE TEST OK
Pump Spacer	01/26/2013 11:50		4	20	20		128.0	FRESH WATER SPACER
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

		#		Stage	Total	Tubing	Casing	
Pump Lead Cement	01/26/2013 11:58		7	84.8	84.8		285.0	200 SKS 12.3 PPG 2.38 YEILD 13.75 GAL / SK LEAD CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGH OUT LEAD CEMENT
Pump Tail Cement	01/26/2013 12:12		7	60.1	60.1		270.0	160 SKS 12.8 PPG 2.11 YEILD 11.75 GAL / SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGH OUT TAIL CEMENT
Shutdown	01/26/2013 12:22							
Drop Plug	01/26/2013 12:23							PLUG AWAY NO PROBLEMS
Pump Displacement	01/26/2013 12:28		10	115.7	115.7		640.0	FRESH WATER DISPLACEMENT WASH UP ONTOP OF PLUG PER CO-REP REQUEST
Slow Rate	01/26/2013 12:42		2	105.7	105.7		335.0	SLOW RATE TO BUMP PLUG
Bump Plug	01/26/2013 12:48		2	115.7	115.7		400.0	BUMP PLUG @ 400 AND TOOK PRESSURE UP TO 914 PSI
Check Floats	01/26/2013 12:51							FLOATS HELD 1 BBL BACK TO DISPLACEMENT TANKS
End Job	01/26/2013 12:52							WELL HAD GOOD CIRCULATION THROUGH OUT CEMENT JOB GOT 20 BBLs OF CEMENT TO SURFACE RIG USED 30 LB SUGAR TICKET CHANGES: TOOK OFF ADD HOURS, DERRICK CHARGE, CHANGED SUGAR TO 30LB CHANGED DEPTH CHARGE TO 1535
Pre-Rig Down Safety Meeting	01/26/2013 13:00							ALL HES EMPLOYEES
Rig-Down Equipment	01/26/2013 13:10							
Pre-Convoy Safety Meeting	01/26/2013 14:20							ALL HES EMPLOYEES
Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl	Pressure psig			Comments

		#		Stage	Total	Tubing	Casing	
Crew Leave Location	01/26/2013 14:30							THANKS FOR USING HALLIBURTON CEMENT CHRIS KUKUS AND CREW

WPX - PA 334-2

9 5/8 SURFACE

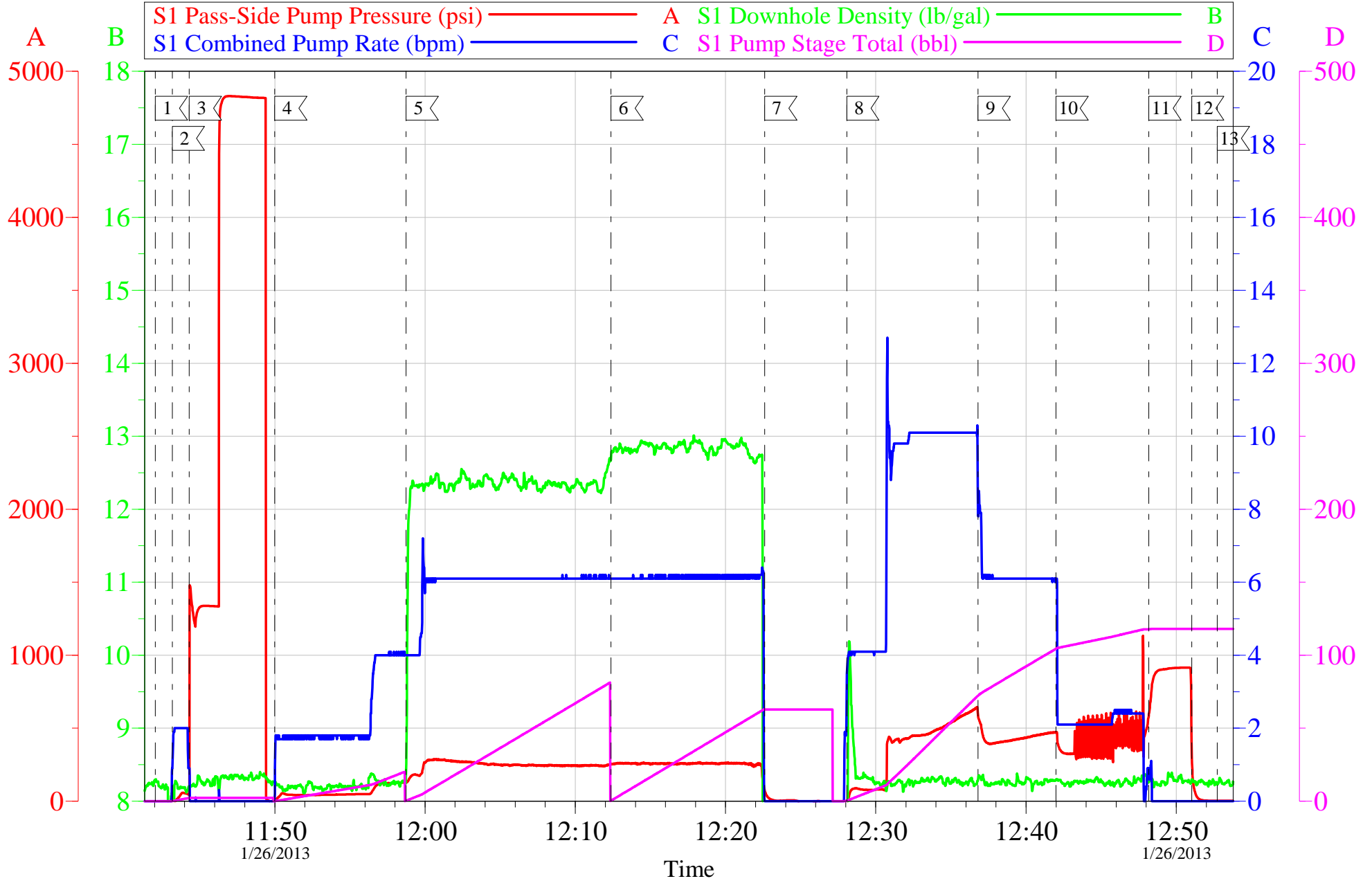


1	START JOB	11:42:03	2	FILL LINES	11:43:11
3	TEST LINES	11:44:19	4	PUMP FRESH WATER SPACER	11:50:00
5	PUMP LEAD CEMENT	11:58:44	6	PUMP TAIL CEMENT	12:12:23
7	SHUTDOWN / DROP PLUG	12:22:36	8	PUMP FRESH WATER DISPLACEMENT	12:28:04
9	SLOW RATE	12:36:48	10	SLOW RATE	12:42:00
11	BUMP PLUG	12:48:11	12	CHEK FLOATS	12:51:01
13	END JOB	12:52:43			

Customer: WPX	Job Date: 26-Jan-2013	Sales Order #: 900092815
Well Description: PA 334-2	Job Type: SURFACE	ADC Used: YES
Company Rep: GARY VALAD	Cement Supervisor: CHRIS KUKUS	Elite # 9: WESLEY GOWEN

WPX - PA 334-2

9 5/8 SURFACE



Customer: WPX	Job Date: 26-Jan-2013	Sales Order #: 900092815
Well Description: PA 334-2	Job Type: SURFACE	ADC Used: YES
Company Rep: GARY VALAD	Cement Supervisor: CHRIS KUKUS	Elite # 9: WESLEY GOWEN

OptiCem v6.4.10
26-Jan-13 13:35

HALLIBURTON

Water Analysis Report

Company: WPX

Date: 1/26/2013

Submitted by: CHRIS KUKUS

Date Rec.: 1/26/2013

Attention: J. TROUT/C.MARTINEZ

S.O.# 900092815

Lease PA

Job Type: SURFACE

Well # 344-2

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	6
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		600 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 #: 900092815	Line Item: 10	Survey Conducted Date: 1/26/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: GARY VALAD		API / UWI: (leave blank if unknown) 05-045-20895
Well Name: PA		Well Number: 344-2
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	1/26/2013
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	GARY VALAD
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

CUSTOMER SIGNATURE

Sales Order #: 900092815	Line Item: 10	Survey Conducted Date: 1/26/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: GARY VALAD		API / UWI: (leave blank if unknown) 05-045-20895
Well Name: PA		Well Number: 344-2
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	1/26/2013
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 #: 900092815	Line Item: 10	Survey Conducted Date: 1/26/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: GARY VALAD		API / UWI: (leave blank if unknown) 05-045-20895
Well Name: PA		Well Number: 344-2
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