
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**PA 314-12
PARACHUTE
Garfield County , Colorado**

**Cement Surface Casing
04-Oct-2013**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 3109766	Quote #:	Sales Order #: 900794630
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Wilson, W.C	
Well Name: PA		Well #: 314-12	API/UWI #:
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
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: CASTILLO, FRANCISCO	MBU ID Emp #: 513620

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CASTILLO, FRANCISCO P	8	513620	DIAZ, ZACH Ryan	8	554549	SCHANZ, ANDREW Jacob	8	544399
SINCLAIR, DAN J	8	338784						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10567589C	60 mile	10867322	60 mile	10998512	60 mile	11259884	60 mile
11808829	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
10/4/13	8	1						

TOTAL Total is the sum of each column separately

Job

Formation Name	Top	Bottom	1000	Called Out	Date	Time	Time Zone
Formation Depth (MD)				On Location	03 - Oct - 2013	19:00	MST
Form Type		BHST		On Location	04 - Oct - 2013	23:00	MST
Job depth MD	1000. ft	Job Depth TVD	1008. ft	Job Started	04 - Oct - 2013	04:21	MST
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	04 - Oct - 2013	05:11	MST
Perforation Depth (MD)	From	To		Departed Loc	04 - Oct - 2013	07:00	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
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Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	9.625	1	WTF	988.6	Packer					Top Plug	9.625	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar	9.625	1	WTF	944.9	Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	HES
Stage Tool										Centralizers	9.625		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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
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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
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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	2	
2	VariCem GJ1 Tail Cement	VARICEM (TM) CEMENT (452009)	292.0	sacks	12.8	2.11	11.75	7	11.75
11.75 Gal		FRESH WATER							
3	Fresh Water Displacement		74.00	bbl	.	.0	.0	10	
Calculated Values		Pressures		Volumes					
Displacement	74.4	Shut In: Instant		Lost Returns	0	Cement Slurry	109.7	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	24	Actual Displacement	74.4	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	205
Rates									
Circulating	RIG	Mixing	7	Displacement	10	Avg. Job	7.5		
Cement Left In Pipe	Amount	43.69ft	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					

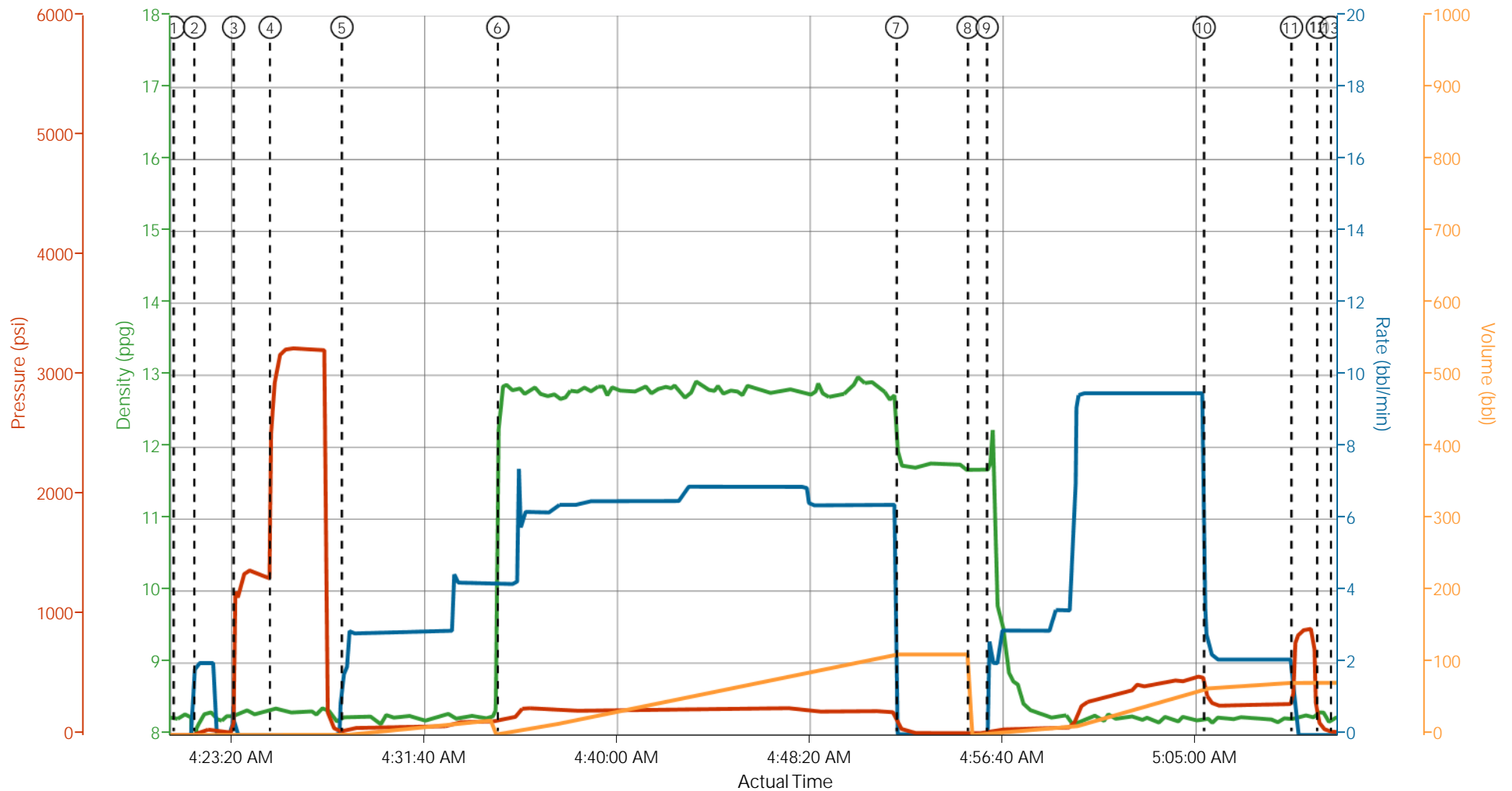
The Road to Excellence Starts with Safety

Sold To #: 300721		Ship To #: 3109766		Quote #:		Sales Order #: 900794630	
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS				Customer Rep: Wilson, W.C			
Well Name: PA			Well #: 314-12			API/UWI #:	
Field: PARACHUTE		City (SAP): PARACHUTE		County/Parish: Garfield			State: Colorado
Legal Description:							
Lat:				Long:			
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			Srv Supervisor: CASTILLO, FRANCISCO			MBU ID Emp #: 513620	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	10/03/2013 19:00							ON LOCATION AT MIDNIGHT
Pre-Convoy Safety Meeting	10/03/2013 21:50							ALL HES PERSONEL
Crew Leave Yard	10/03/2013 22:00							
Arrive At Loc	10/03/2013 23:00							RIG WAS STILL RUNNING CASING/LANDED CASING 11:50 AM/CIRCULATED WELL FROM NOON TO 13:00 HRS
Assessment Of Location Safety Meeting	10/04/2013 01:00							ALL HES PERSONEL
Rig-Up Equipment	10/04/2013 01:10							1-ELITE, 1-660 BULK TRUCKS, 2" PUMPING IRON, 9.625" PLUG CONTAINER AND QUICKLATCH
Rig-Up Completed	10/04/2013 02:00							
Pre-Job Safety Meeting	10/04/2013 04:00							ALL HES PERSONEL AND RIG CREW
Start Job	10/04/2013 04:21							TD-1000', OH-13.5", TP-988.6', FC-944.9', SJ-43.69', CASING-9.626", 32.3#, H-40, MUD-9.6 PPG, VISC-85
Pump Water	10/04/2013 04:21		2	2			47.0	FILL LINES
Pressure Test	10/04/2013 04:23		0.2	0.2				STALL OUT TEST WITH 1400 PSI
Pressure Test	10/04/2013 04:25		0.2	0.2				PRESSURE TEST LINES WITH 3200 PSI

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer	10/04/2013 04:28		4	20			147.0	FRESH WATER
Pump Cement	10/04/2013 04:34		7	110			224.0	292 SKS, 12.8 PPG, 2.11 FT3/SK, 11.75 GAL/SK, SETUP TIME 1:51 HRS AT 70 BC
Shutdown	10/04/2013 04:52							
Drop Plug	10/04/2013 04:55							VERIFIED BY COMPANY MAN AND DRILLER
Pump Displacement	10/04/2013 04:56		10	64.4			488.0	FRESH WATER / PUMPED FIRST 10 BBLS AT 3 BPM WITH 54 PSI WHILE OPERATOR WASHED CEMENT HEAD AND TUB.
Slow Rate	10/04/2013 05:05		2	10			240.0	
Bump Plug	10/04/2013 05:09			74.4			750.0	ALL HES PERSONEL / USED 40 lbs OF SUGAR AND CIRCULATED 24 BBLS/64 SKS OF CEMENT TO SURFACE
Check Floats	10/04/2013 05:10							FLOATS HELD/ 0.75 BBLS FLOW BACK TO DISPLACEMENT TANK
End Job	10/04/2013 05:11							
Post-Job Safety Meeting (Pre Rig-Down)	10/04/2013 05:15							
Rig-Down Completed	10/04/2013 06:30							
Depart Location Safety Meeting	10/04/2013 06:45							
Crew Leave Location	10/04/2013 07:00							
Other	10/04/2013 07:01							THANK YOU FOR YOUR BUSINESS FROM JAVIER CASTILLO AND CREW

WPX PA 314-12 SURFACE



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

- Start Job 8.23;0;0;0
- Test Lines 8.38;0;2828;1.9
- Shutdown 11.74;0;58;112.1
- Slow Rate 8.24;2.5;311;64.8
- End Job 8.24;0;25;72.8
- Fill Lines 8.17;2;20;0.4
- Pump Water Spacer 8.24;1.7;33;0
- Drop Plug 11.72;0;16;0
- Bump Plug 8.23;0;782;72.8
- Stall Out 8.31;0;1138;1.9
- Pump Cement Slurry 12.77;4.2;143;1.8
- Pump Displacement 11.89;1.9;30;0.2
- Check Floats 8.34;0;71;72.8

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Created: 2013-10-04 02:51:49, Version: 2.0.606

Edit

Customer : WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

Job Date : 10/4/2013 3:55:37 AM

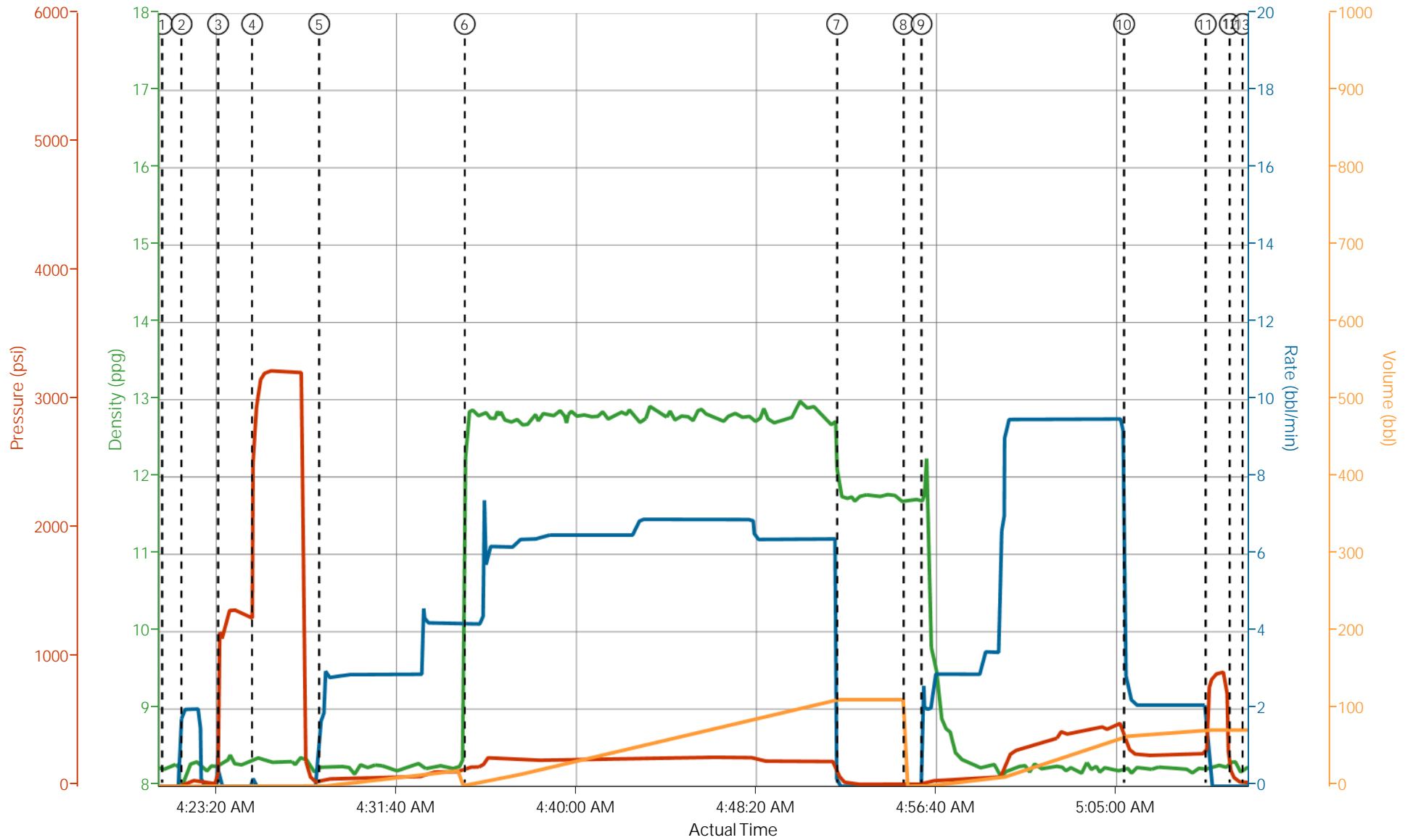
Well : PA 314-12

Representative: LUKE HUBBARD

Sales Order # : 900794630

ELITE #3: J. CASTILLO / DAN SINCLAIR

WPX PA 314-12 SURFACE



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

▼ HALLIBURTON | iCem® Service

Created: 2013-10-04 02:51:49, Version: 2.0.606

Edit

Customer : WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

Job Date : 10/4/2013 3:55:37 AM

Well : PA 314-12

Representative: LUKE HUBBARD

Sales Order # : 900794630

ELITE #3: J. CASTILLO / DAN SINCLAIR

HALLIBURTON

Water Analysis Report

Company: WPX

Submitted by: JAVIER CASTILLO

Attention: J.Trout

Lease PA

Well # 314-12

Date: 10/4/2013

Date Rec.: 10/4/2013

S.O.# 900794630

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>	65 Deg
Total Dissolved Solids		250 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 if

Sales Order #: 900794630	Line Item: 10	Survey Conducted Date: 10/4/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: LUKE HUBBARD		API / UWI: (leave blank if unknown) AFEY0XVHQLKM0U0SAAA
Well Name: PA		Well Number: 314-12
Well Type: Development Well	Well Country: United States of America	
H2S Present:	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	10/4/2013
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	LUKE HUBBARD
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 #: 900794630	Line Item: 10	Survey Conducted Date: 10/4/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: LUKE HUBBARD		API / UWI: (leave blank if unknown) AFEY0XVHQLKM0U0SAAA
Well Name: PA		Well Number: 314-12
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	10/4/2013

Cementing KPI Survey	
Type of Job Select the type of job. (Cementing or Non-Cementing)	0
Select the Maximum Deviation range for this Job What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	Vertical
Total Operating Time (hours) Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	8
HSE Incident, Accident, Injury HSE Incident, Accident, Injury. This should be recordable incidents only.	No
Was the job purpose achieved? Was the job delivered correctly as per customer agreed design?	Yes
Operating Hours (Pumping Hours) Total number of hours pumping fluid on this job. Enter in decimal format.	1
Customer Non-Productive Rig Time (hrs) 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.	0
Type of Rig Classification Job Was Performed Type Of Rig (classification) Job Was Performed On	Drilling Rig (Portable)
Number Of JSAs Performed Number Of Jsas Performed	5
Number of Unplanned Shutdowns Unplanned shutdown is when injection stops for any period of time.	0
Was this a Primary Cement Job (Yes / No)	Yes

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Customer Representative: LUKE HUBBARD		API / UWI: (leave blank if unknown) AFEY0XVHQLKM0U0SAAA
Well Name: PA		Well Number: 314-12
Well Type: Development Well	Well Country: United States of America	
H2S Present:	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