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**WPX ENERGY ROCKY MOUNTAIN LLC-EBUS**

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**PA 313-12  
PARACHUTE  
Garfield County , Colorado**

**Cement Surface Casing  
20-Oct-2013**

**Post Job Report**

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 300721		<b>Ship To #:</b> 300721		<b>Quote #:</b>		<b>Sales Order #:</b> 900834206	
<b>Customer:</b> WPX ENERGY ROCKY MOUNTAIN LLC-EBUS				<b>Customer Rep:</b> Hubbard, Luke			
<b>Well Name:</b> PA			<b>Well #:</b> 313-12			<b>API/UWI #:</b>	
<b>Field:</b> PARACHUTE		<b>City (SAP):</b> TULSA		<b>County/Parish:</b> Garfield		<b>State:</b> Colorado	
<b>Contractor:</b> NABORS 577			<b>Rig/Platform Name/Num:</b> NABORS 577				
<b>Job Purpose:</b> Cement Surface Casing							
<b>Well Type:</b> Development Well				<b>Job Type:</b> Cement Surface Casing			
<b>Sales Person:</b> MAYO, MARK			<b>Srvc Supervisor:</b> CARTER, ERIC		<b>MBU ID Emp #:</b> 345598		

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARTER, ERIC Earl	0.0	345598	JENSEN, SHANE	0.0	441759	LINN, PAUL Andrew	0.0	479143

**Equipment**

HES Unit #	Distance-1 way						
10296152C	60 mile	10784080	60 mile	11360883	60 mile	11583933	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
<b>TOTAL</b>								
<i>Total is the sum of each column separately</i>								

**Job**

**Job Times**

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					20 - Oct - 2013	07:00	MST
<b>Form Type</b>			<b>BHST</b>	<b>On Location</b>	20 - Oct - 2013	11:30	MST
<b>Job depth MD</b>	858.5 ft		<b>Job Depth TVD</b>	858.5 ft	<b>Job Started</b>	20 - Oct - 2013	16:10
<b>Water Depth</b>			<b>Wk Ht Above Floor</b>	5. ft	<b>Job Completed</b>	20 - Oct - 2013	16:55
<b>Perforation Depth (MD)</b>	<i>From</i>		<i>To</i>		<b>Departed Loc</b>	20 - Oct - 2013	18:00

**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
OPEN HOLE				13.5				.	941.	.	941.
SURFACE CASING	Unknown		9.625	9.001	32.3		H-40	.	931.	.	931.

**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 ft3/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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Fresh Water Spacer		20.00	bbl	.	.0	.0	.0		
2	VariCem GJ1 Tail Cement	VARICEM (TM) CEMENT (452009)	240.0	sacks	12.8	2.11	11.75		11.75	
11.75 Gal		FRESH WATER								
3	Fresh Water Displacement		64.00	bbl	10.	.0	.0	.0		
Calculated Values			Pressures			Volumes				
Displacement			Shut In: Instant			Lost Returns			Cement Slurry	
Top Of Cement			5 Min			Cement Returns			Actual Displacement	
Frac Gradient			15 Min			Spacers			Load and Breakdown	
Pad			Treatment			Total Job				
Rates										
Circulating			Mixing			Displacement			Avg. Job	
Cement Left In Pipe		Amount	45 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						

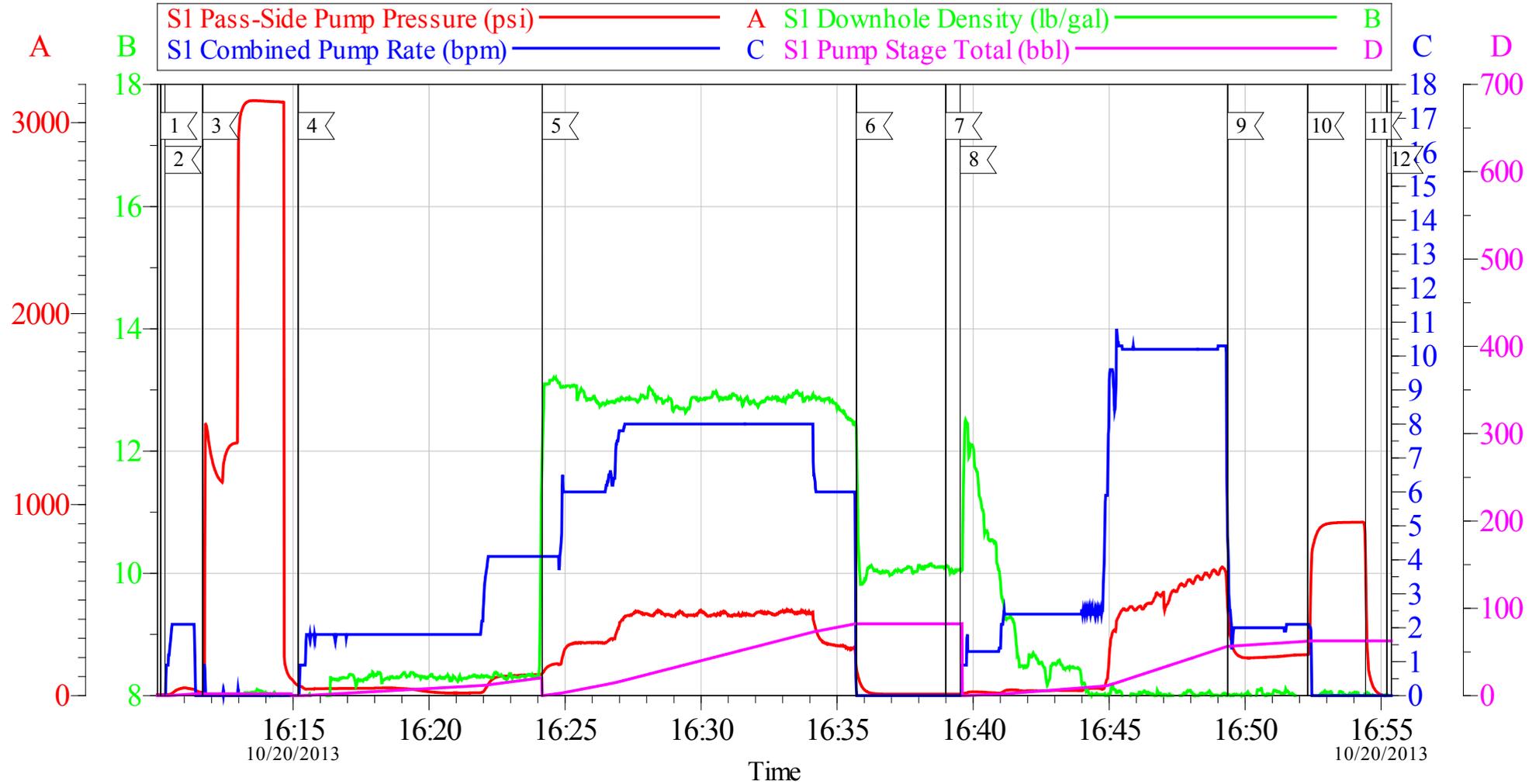
*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 300721	<b>Ship To #:</b> 300721	<b>Quote #:</b>	<b>Sales Order #:</b> 900834206
<b>Customer:</b> WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		<b>Customer Rep:</b> Hubbard, Luke	
<b>Well Name:</b> PA		<b>Well #:</b> 313-12	<b>API/UWI #:</b>
<b>Field:</b> PARACHUTE	<b>City (SAP):</b> TULSA	<b>County/Parish:</b> Garfield	<b>State:</b> Colorado
<b>Legal Description:</b>			
<b>Lat:</b>		<b>Long:</b>	
<b>Contractor:</b> NABORS 577		<b>Rig/Platform Name/Num:</b> NABORS 577	
<b>Job Purpose:</b> Cement Surface Casing			<b>Ticket Amount:</b>
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Surface Casing	
<b>Sales Person:</b> MAYO, MARK		<b>Srvc Supervisor:</b> CARTER, ERIC	<b>MBU ID Emp #:</b> 345598

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	10/20/2013 07:00							
Arrive at Location from Other Job or Site	10/20/2013 11:30							RIG RUNNING CASING
Assessment Of Location Safety Meeting	10/20/2013 14:30							ATTENDED BY ALL HES CREW
Other	10/20/2013 14:40							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	10/20/2013 14:50							ATTENDED BY ALL HES CREW
Rig-Up Equipment	10/20/2013 15:00							
Pre-Job Safety Meeting	10/20/2013 15:50							ATTENDED BY ALL HES CREW, RIG CREW AND COMPANY REP
Start Job	10/20/2013 16:10							TP 858.46', TD 870', SJ 43.86', FC 814.6', MW 9.9 PPG, CASING 9.625", 32.3#, J-55, HOLE 13.5", RIG CIRCULATED FOR 2 HR'S PRIOR TO JOB
Other	10/20/2013 16:10		2	2			40.0	FILL LINES
Test Lines	10/20/2013 16:11							PRESSURED UP TO 3113 PSI, PRESSURE HELD
Pump Spacer	10/20/2013 16:15		4	20			110.0	FRESH WATER
Pump Tail Cement	10/20/2013 16:24		8	90.2			440.0	240 SKS VARICEM MIXED AT 12.8 PPG, 2.11 YIELD, 11.75 GL/SK
Shutdown	10/20/2013 16:35							

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Top Plug	10/20/2013 16:38							PLUG LUNCHED
Pump Displacement	10/20/2013 16:39		10	54.1			665.0	FRESH WATER
Slow Rate	10/20/2013 16:49		2	10			215.0	
Bump Plug	10/20/2013 16:52						905.0	PLUG LANDED
Check Floats	10/20/2013 16:54							FLOATS HELD
End Job	10/20/2013 16:55							GOOD CIRCULATION THROUGH OUT JOB, PIPE NOT MOVED DURING JOB, 20 BBLS CEMENT TO SURFACE
Post-Job Safety Meeting (Pre Rig-Down)	10/20/2013 17:00							ATTENDED BY ALL HES CREW
Rig-Down Equipment	10/20/2013 17:05							
Depart Location Safety Meeting	10/20/2013 17:55							ATTENDED BY ALL HES CREW
Crew Leave Location	10/20/2013 18:00							THANK YOU FOR USING HALLIBURTON CEMENT, ERIC CARTER AND CREW.

WPX - PA 313-12  
9.625" SURFACE

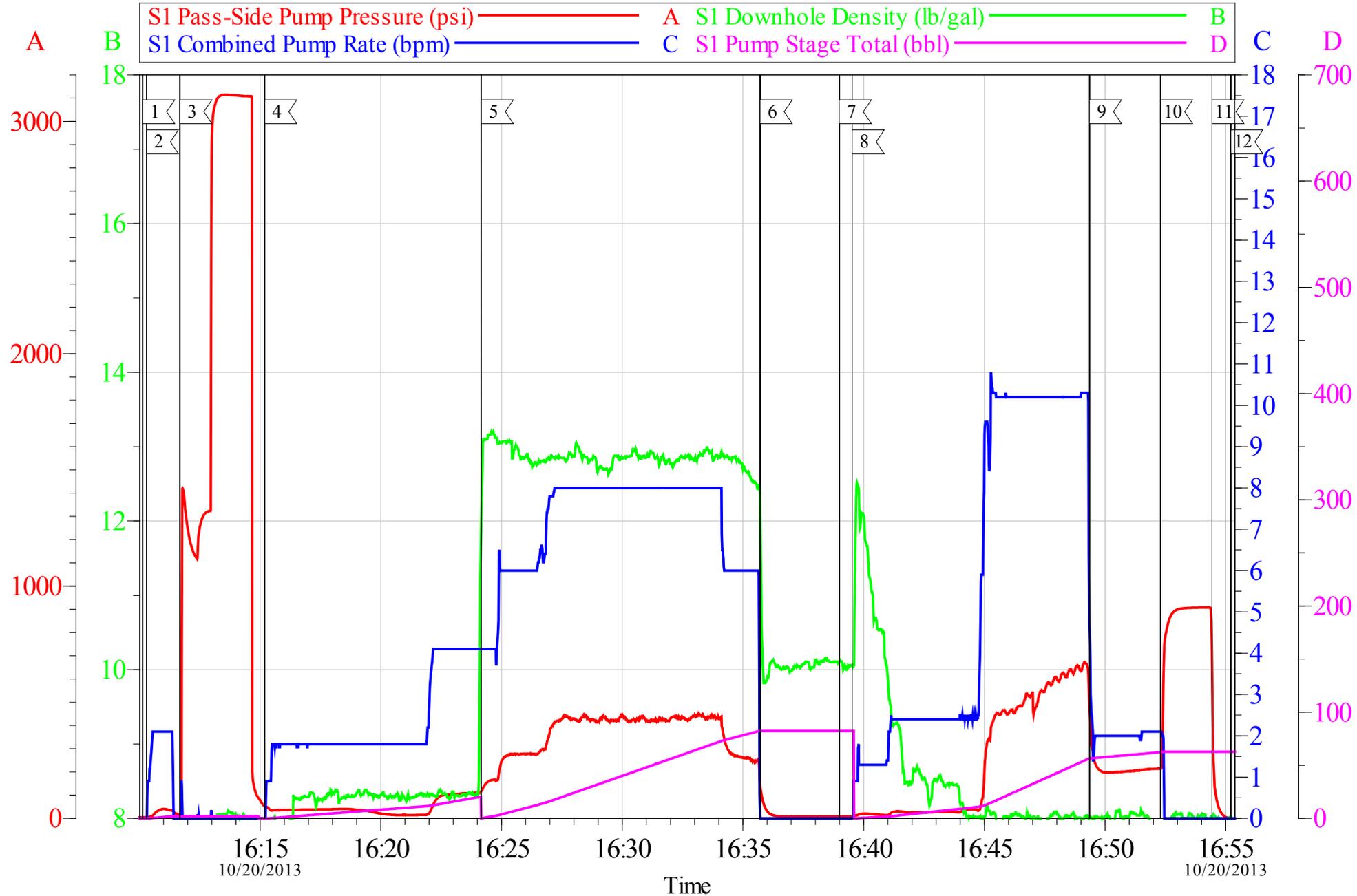


### Local Event Log

1	START JOB	16:10:08	2	FILL LINES	16:10:17	3	TEST LINES	16:11:40
4	PUMP SPACER	16:15:11	5	PUMP TAIL CEMENT	16:24:10	6	SHUTDOWN	16:35:43
7	DROP TOP PLUG	16:38:59	8	PUMP DISPLACEMENT	16:39:32	9	SLOW RATE	16:49:21
10	BUMP PLUG	16:52:18	11	CHECK FLOATS	16:54:26	12	END JOB	16:55:13

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Job Date: 20-Oct-2013	Sales Order #: 900834206
Well Description: PA 313-12	Job Type: SURFACE	ADC Used: YES
Company Rep: W.C. WILSON	Service Supervisor: ERIC CARTER	Elite#/Operator: 9/ANDREW LINN

WPX - PA 313-12  
9.625" SURFACE



Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Job Date: 20-Oct-2013	Sales Order #: 900834206
Well Description: PA 313-12	Job Type: SURFACE	ADC Used: YES
Company Rep: W.C. WILSON	Service Supervisor: ERIC CARTER	Elite#/Operator: 9/ANDREW LINN

# HALLIBURTON

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## Water Analysis Report

Company: WPX  
Submitted by: ERIC CARTER  
Attention: J.Trout  
Lease: NABORS 577  
Well #: PA 313-12

Date: 1/6/2014  
Date Rec.: 1/6/2014  
S.O.#: 900817474  
Job Type: SURFACE

Specific Gravity	<i>MAX</i>	<b>1</b>
pH	<i>8</i>	<b>7</b>
Potassium (K)	<i>5000</i>	<b>0</b> Mg / L
Hrdness	<i>500</i>	<b>250</b> Mg / L
Iron (FE2)	<i>300</i>	<b>0</b> Mg / L
Chlorides (Cl)	<i>3000</i>	<b>500</b> Mg / L
Sulfates (SO <sub>4</sub> )	<i>1500</i>	<b>&lt;200</b> Mg / L
Temp	<i>40-80</i>	<b>54</b> Deg
Total Dissolved Solids		<b>600</b> Mg / L

Respectfully: ERIC CARTER

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

<b>Sales Order #:</b> 900834206	<b>Line Item:</b> 10	<b>Survey Conducted Date:</b> 10/20/2013
<b>Customer:</b> WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		<b>Job Type (BOM):</b> CMT SURFACE CASING BOM
<b>Customer Representative:</b> W.C. WILSON		<b>API / UWI: (leave blank if unknown)</b> AFEYKOVYULKDD2CWAAA
<b>Well Name:</b> PA		<b>Well Number:</b> 313-12
<b>Well Type:</b> Development Well	<b>Well Country:</b> United States of America	
<b>H2S Present:</b>	<b>Well State:</b> Colorado	<b>Well County:</b> 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	10/20/2013
Survey Interviewer	The survey interviewer is the person who initiated the survey.	ERIC CARTER (HX15491)
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	Yes
Personnel	Were you satisfied with our people? Circle Y or N	Yes
Customer Comment	Customer's Comment	

<b>CUSTOMER SIGNATURE</b>
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<b>Well Name:</b> PA		<b>Well Number:</b> 313-12
<b>Well Type:</b> Development Well	<b>Well Country:</b> United States of America	
<b>H2S Present:</b>	<b>Well State:</b> Colorado	<b>Well County:</b> Garfield

### KEY PERFORMANCE INDICATORS

General	
<b>Survey Conducted Date</b>	10/20/2013
The date the survey was conducted	

Cementing KPI Survey	
<b>Type of Job</b>	0
Select the type of job. (Cementing or Non-Cementing)	
<b>Select the Maximum Deviation range for this Job</b>	Vertical
What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	
<b>Total Operating Time (hours)</b>	3
Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	
<b>HSE Incident, Accident, Injury</b>	No
HSE Incident, Accident, Injury. This should be recordable incidents only.	
<b>Was the job purpose achieved?</b>	Yes
Was the job delivered correctly as per customer agreed design?	
<b>Operating Hours (Pumping Hours)</b>	1
Total number of hours pumping fluid on this job. Enter in decimal format.	
<b>Customer Non-Productive Rig Time (hrs)</b>	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.	
<b>Type of Rig Classification Job Was Performed</b>	Drilling Rig (Portable)
Type Of Rig (classification) Job Was Performed On	
<b>Number Of JSAs Performed</b>	5
Number Of Jsas Performed	
<b>Number of Unplanned Shutdowns</b>	0
Unplanned shutdown is when injection stops for any period of time.	
<b>Was this a Primary Cement Job (Yes / No)</b>	Yes

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<b>Customer Representative:</b> W.C. WILSON		<b>API / UWI: (leave blank if unknown)</b> AFEYKOVYULKDD2CWAAA
<b>Well Name:</b> PA		<b>Well Number:</b> 313-12
<b>Well Type:</b> Development Well	<b>Well Country:</b> United States of America	
<b>H2S Present:</b>	<b>Well State:</b> Colorado	<b>Well County:</b> Garfield

Primary Cement Job= Casing job, Liner job, or Tie-back job.	
<b>Did We Run Wiper Plugs?</b> Did We Run Top And Bottom Casing Wiper Plugs?	Top
<b>Mixing Density of Job Stayed in Designed Density Range (0-100%)</b> Density Range defined as +/- .20 ppg. Calculation: Total BBLs cement mixed at designed density divided by total BBLs of cement multiplied by 100	97
<b>Was Automated Density Control Used?</b> Was Automated Density Control (ADC) Used ?	Yes
<b>Pump Rate (percent) of Job Stayed At Designed Pump Rate</b> 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
<b>Nbr of Remedial Sqz Jobs Rqd - Competition</b> Number Of Remedial Squeeze Jobs Required After Primary Job Performed By Competition	0
<b>Nbr of Remedial Plug Jobs Rqd - HES</b> Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES	0
<b>Nbr of Remedial Sqz Jobs Rqd - HES</b> Number Of Remedial Squeeze Jobs Required After Primary Job Performed By HES	0