
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**SG 342-23
GRAND VALLEY
Garfield County , Colorado**

**Cement Surface Casing
10-Nov-2012**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2959358	Quote #:	Sales Order #: 9882311
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Customer Rep: Valad, Gary		
Well Name: SG	Well #: 342-23	API/UWI #:	
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
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	Srvs 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 #
BRENNECKE, ANDREW Bailey	0.0	486345	CASTILLO, FRANCISCO P	0.0	513620	CASTILLO, FRANCISCO P	0.0	513620
VANALSTYNE, TROY L	0.0	420256	WOLFE, JON P	0.0	485217			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10867322	60 mile	10872429	60 mile	10951249	60 mile	10998512	60 mile
11808847	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11/10/12	11	1						

TOTAL	Total is the sum of each column separately							
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Job

Formation Name	Top	SURFACE	Bottom	1232	Called Out	09 - Nov - 2012	23:30	MST
Formation Depth (MD)	Top		Bottom	1232	On Location	10 - Nov - 2012	02:45	MST
Form Type		BHST			Job Started	10 - Nov - 2012	11:39	MST
Job depth MD	1232. ft	Job Depth TVD	1232. ft		Job Completed	10 - Nov - 2012	12:45	MST
Water Depth		Wk Ht Above Floor	3. ft		Departed Loc	10 - Nov - 2012	14:00	MST
Perforation Depth (MD)	From		To					

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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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	9.875	1	HES
Float Shoe	9.875	1	WFT	1218	Bridge Plug					Bottom Plug			
Float Collar	9L875	1	WFT	1171	Retainer					SSR plug set			
Insert Float										Plug Container	9.875	1	HES
Stage Tool										Centralizers	9.875	10	WFT

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 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	8.33	.0	.0	4	
2	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.3	2.38	13.75	7	13.75
13.75 Gal		FRESH WATER							
3	VersaCem Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75	7	11.75
11.75 Gal		FRESH WATER							
4	Fresh Water Displacement		92.00	bbl	.	.0	.0	8	
Calculated Values		Pressures		Volumes					
Displacement	92	Shut In: Instant		Lost Returns	NONE	Cement Slurry	128	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	20	Actual Displacement	92	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	240
Rates									
Circulating	RIG	Mixing	7	Displace	8	Avg. Job		7.5	
Cement Left In Pipe	Amount	47 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

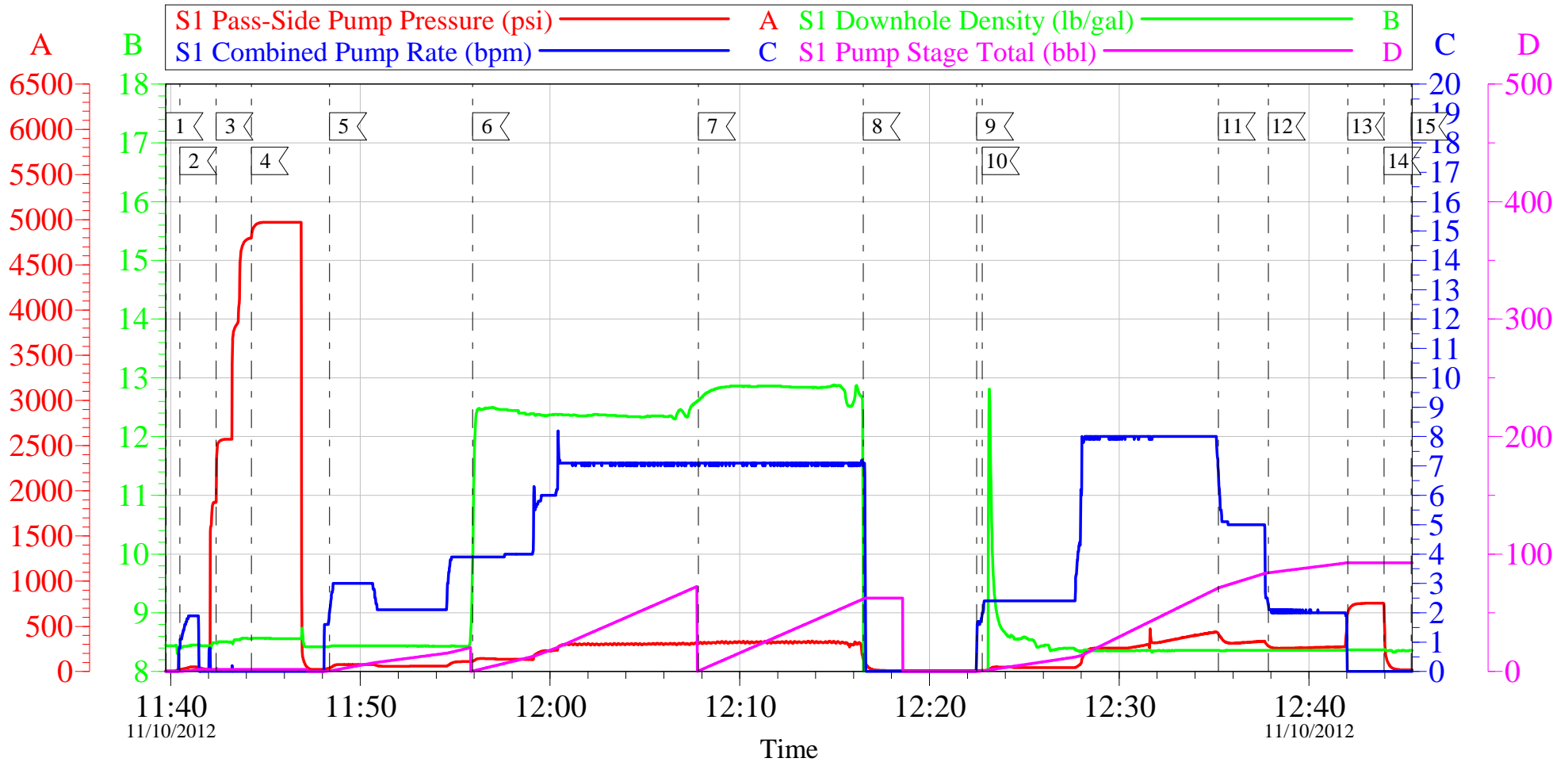
Sold To #: 300721		Ship To #: 2959358		Quote #:		Sales Order #: 9882311	
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS				Customer Rep: Valad, Gary			
Well Name: SG			Well #: 342-23			API/UWI #:	
Field: GRAND VALLEY		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Legal Description:							
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.				Long: E 0 deg. OR E 0 deg. 0 min. 0 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: CASTILLO, FRANCISCO			MBU ID Emp #: 513620	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	11/10/2012 01:20							ALL HES PERSONEL
Crew Leave Yard	11/10/2012 01:30							
Arrive At Loc	11/10/2012 02:45							RIG WAS STILL PULLING PIPE OUT
Assessment Of Location Safety Meeting	11/10/2012 02:50							ALL HES PERSONEL
Rig-Up Equipment	11/10/2012 10:00							
Pre-Job Safety Meeting	11/10/2012 11:15							ALL HES PERSONEL AND RIG CREW
Start Job	11/10/2012 11:39							9 5/8 32.3# H-40 CASING. TD-1232, TP-1218, FC-1171, FS-47, MUD 9.1PPG, FV-107, PV-23, YP-29, pH-8.7, TEMP-100DEG
Other	11/10/2012 11:40		2	2			52.0	FILL LINES
Other	11/10/2012 11:42		0.2	0.2				STALL OUT/PRESURE HELD AT 2570 PSI
Pressure Test	11/10/2012 11:44		0.2	0.2				TEST LINES/PRESSURE HELD AT 4970 PSI
Pump Spacer	11/10/2012 11:48		4	20			145.0	FRESH WATER SPACER
Pump Lead Cement	11/10/2012 11:55		7	67.8			315.0	160 SKS, 12.3 PPG, 2.38 YIELD, 13.75 GPS, SETUP TIME 2:38HRS AT 70 BC
Pump Tail Cement	11/10/2012 12:07		7	60			350.0	160 SKS, 12.8 PPG, 2.11 YIELD, 11.75 GPS, SETUP TIME 2:38HRS AT 70 BC

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	11/10/2012 12:16							
Drop Top Plug	11/10/2012 12:22							
Pump Displacement	11/10/2012 12:22		8	60			400.0	
Slow Rate	11/10/2012 12:35		5	22			215.0	
Slow Rate	11/10/2012 12:37		2	10			280.0	
Bump Plug	11/10/2012 12:42			92			755.0	CIRCULATED 20 BBLS-48 SKS TO SURFACE
Check Floats	11/10/2012 12:43							FLOW BACK 1 BBL
End Job	11/10/2012 12:45							DID NOT USE SUGAR PER CUSTOMER REQUEST
Safety Meeting	11/10/2012 12:50							RIG DOWN SAFETY MEETING/ ALL HES PERSONEL
Rig-Down Equipment	11/10/2012 13:00							BLOW DOWN ELITE #7
Safety Meeting	11/10/2012 13:50							POST JOB SAFETY MEETING/NO INJURIES TO BE REPORTED
Other	11/10/2012 14:00							LEAVE LOCATION
Other	11/10/2012 14:00							THANK YOU FOR YOUR BUSINESS FROM JAVIER CASTILLO AND CREW

WPX/SG 342-23

SURFACE



Local Event Log

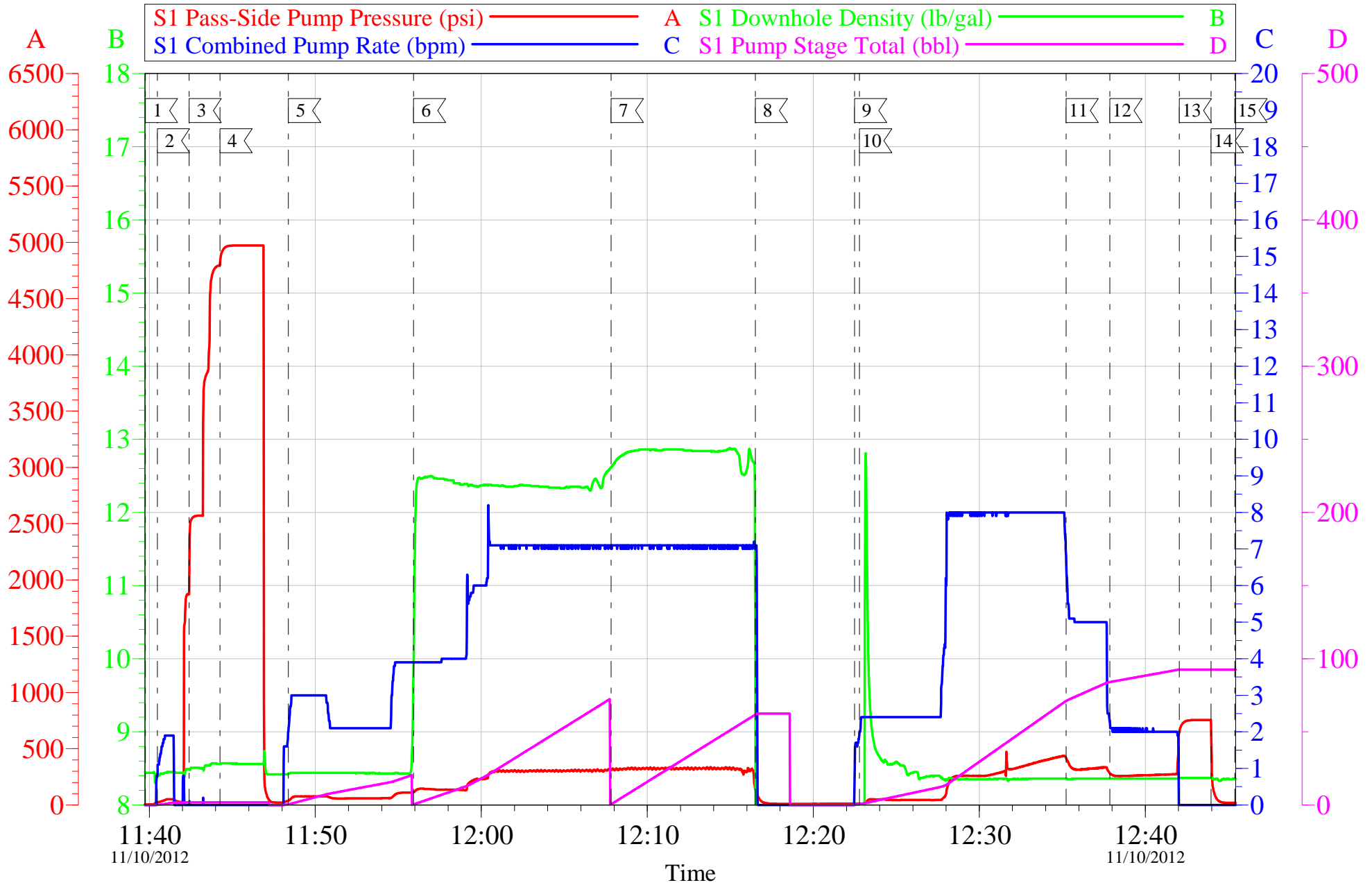
1 START JOB	11:39:46	2 FILL LINES	11:40:29	3 STALL OUT	11:42:24
4 TEST LINES	11:44:15	5 SPACER	11:48:23	6 LEAD SLURRY	11:55:55
7 TAIL SLURRY	12:07:49	8 SHUTDOWN	12:16:30	9 DROP PLUG	12:22:29
10 DISPLACEMENT	12:22:47	11 SLOW RATE	12:35:14	12 SLOW RATE	12:37:52
13 BUMP PLUG	12:42:03	14 CHECK FLOATS	12:43:58	15 END JOB	12:45:24

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Job Date: 10-Nov-2012	Sales Order #: 9882311
Well Description: SG 342-23	Job Type: SURFACE	ADC Used: YES
Company Rep: GARY VALAD	Cement Supervisor: JAVIER CASTILLO	Elite #7: ANDREW BRENNECKE

OptiCem v6.4.10
10-Nov-12 13:06

WPX/SG 342-23

SURFACE



Customer:	WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Job Date:	10-Nov-2012	Sales Order #:	9882311
Well Description:	SG 342-23	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	GARY VALAD	Cement Supervisor:	JAVIER CASTILLO	Elite #7:	ANDREW BRENNECKE

OptiCem v6.4.10
10-Nov-12 13:07

HALLIBURTON

Water Analysis Report

Company: WPX

Submitted by: JAVIER CASTILLO

Attention: J.Trout

Lease SG

Well # 342-23

Date: 11/10/2012

Date Rec.: 11/10/2012

S.O.# 9882311

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>	110 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>	48 Deg
Total Dissolved Solids		230 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 #: 9882311	Line Item: 10	Survey Conducted Date: 11/10/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: GARY VALAD		API / UWI: (leave blank if unknown) AFEYCD3XPDKGESPJAAA
Well Name: SG		Well Number: 342-23
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	11/10/2012
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	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	GREAT JOB

CUSTOMER SIGNATURE

Sales Order #: 9882311	Line Item: 10	Survey Conducted Date: 11/10/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: GARY VALAD		API / UWI: (leave blank if unknown) AFEYCD3XPDKGESPJAAA
Well Name: SG		Well Number: 342-23
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 The date the survey was conducted	11/10/2012

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.	Deviated
Total Operating Time (hours) Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	11
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: GARY VALAD		API / UWI: (leave blank if unknown) AFEYCD3XPDKGESPJAAA
Well Name: SG		Well Number: 342-23
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	97
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	97
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