
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**SG 434-23
GRAND VALLEY
Garfield County , Colorado**

Cement Surface Casing
17-Jan-2013

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2972766	Quote #:	Sales Order #: 900116808
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Customer Rep: Duniho, Al		
Well Name: SG	Well #: 434-23	API/UWI #:	
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Contractor: CYCLONE 17	Rig/Platform Name/Num: CYCLONE 17		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: MAYO, MARK	Srv Supervisor: DEUSSEN, EDWARD	MBU ID Emp #:	485182

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANKS, BRENT A	9.5	371353	DEUSSEN, EDWARD Eric	9.5	485182	LINN, PAUL Andrew	9.5	479143
SIMINEO, JEROD M	9.5	479954						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10616651C	60 mile	10713212	60 mile	11259886	60 mile	11360871	60 mile
11808827	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
1/17/2013	9.5	4.5						

TOTAL	Total is the sum of each column separately							
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Job

Formation Name	Formation Depth (MD)	Top	Bottom	Job Type	Job depth MD	Water Depth	Perforation Depth (MD)	From	To	Called Out	On Location	Job Started	Job Completed	Departed Loc
				BHST	1080. ft					16 - Jan - 2013	17 - Jan - 2013	17 - Jan - 2013	17 - Jan - 2013	17 - Jan - 2013
										23:00	03:15	10:02	11:15	13:00
										MST	MST	MST	MST	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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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 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	1	HES
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

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
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Stage/Plug #: 1

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	FRESH WATER	20.00	bbl	.	.0	.0	2.0	
2	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	150.0	sacks	12.3	2.38	13.75	6.0	13.75
3	VersaCem Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75	6.0	11.75
4	Fresh Water Displacement	FRESH WATER	81.00	bbl	.	.0	.0	10.0	
Calculated Values		Pressures		Volumes					
Displacement	80.9	Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	25	Actual Displacement	80.9	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	224.6
Rates									
Circulating		Mixing	6	Displacement	10	Avg. Job			8
Cement Left In Pipe	Amount	47.53 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

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Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS				Customer Rep: Dunihoo, Al			
Well Name: SG			Well #: 434-23		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: CYCLONE 17			Rig/Platform Name/Num: CYCLONE 17				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: MAYO, MARK			Srvc Supervisor: DEUSSEN, EDWARD			MBU ID Emp #: 485182	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	01/16/2013 23:00							
Pre-Convoy Safety Meeting	01/17/2013 01:30							ALL HES PERSONNEL
Crew Leave Yard	01/17/2013 01:45							1 ELITE, 1 660, 1 PICKUP
Arrive At Loc	01/17/2013 03:15							RIG STILL PULLING DRILL PIPE
Assessment Of Location Safety Meeting	01/17/2013 03:30							
Pre-Rig Up Safety Meeting	01/17/2013 08:15							ALL HES PERSONNEL
Rig-Up Equipment	01/17/2013 08:30							1 HARD LINE TO FLOOR, 2 WATER LINES TO UPRIGHT, BULK HOSE TO 660
Pre-Job Safety Meeting	01/17/2013 09:30							ALL HES PERSONNEL AND RIG CREW
Start Job	01/17/2013 10:02							TD 1091', TP 1075', SJ 47.53', MW 9.5, OH 13 1/2", CSG 9 5/8", 32.3# H-40, PV 24, YP 21
Pump Water	01/17/2013 10:03		2	2			80.0	FILL LINES
Pressure Test	01/17/2013 10:09							PRESSURED UP TO 3040 PSI - PRESSURE HELD WELL
Pump Spacer 1	01/17/2013 10:13		2	20			84.0	FRESH WATER SPACER - SHUT DOWN WITH 19.5 BBLS PUMPED - OPERATOR HAD TROUBLE GETTING TUB UP TO PROPER WEIGHT
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

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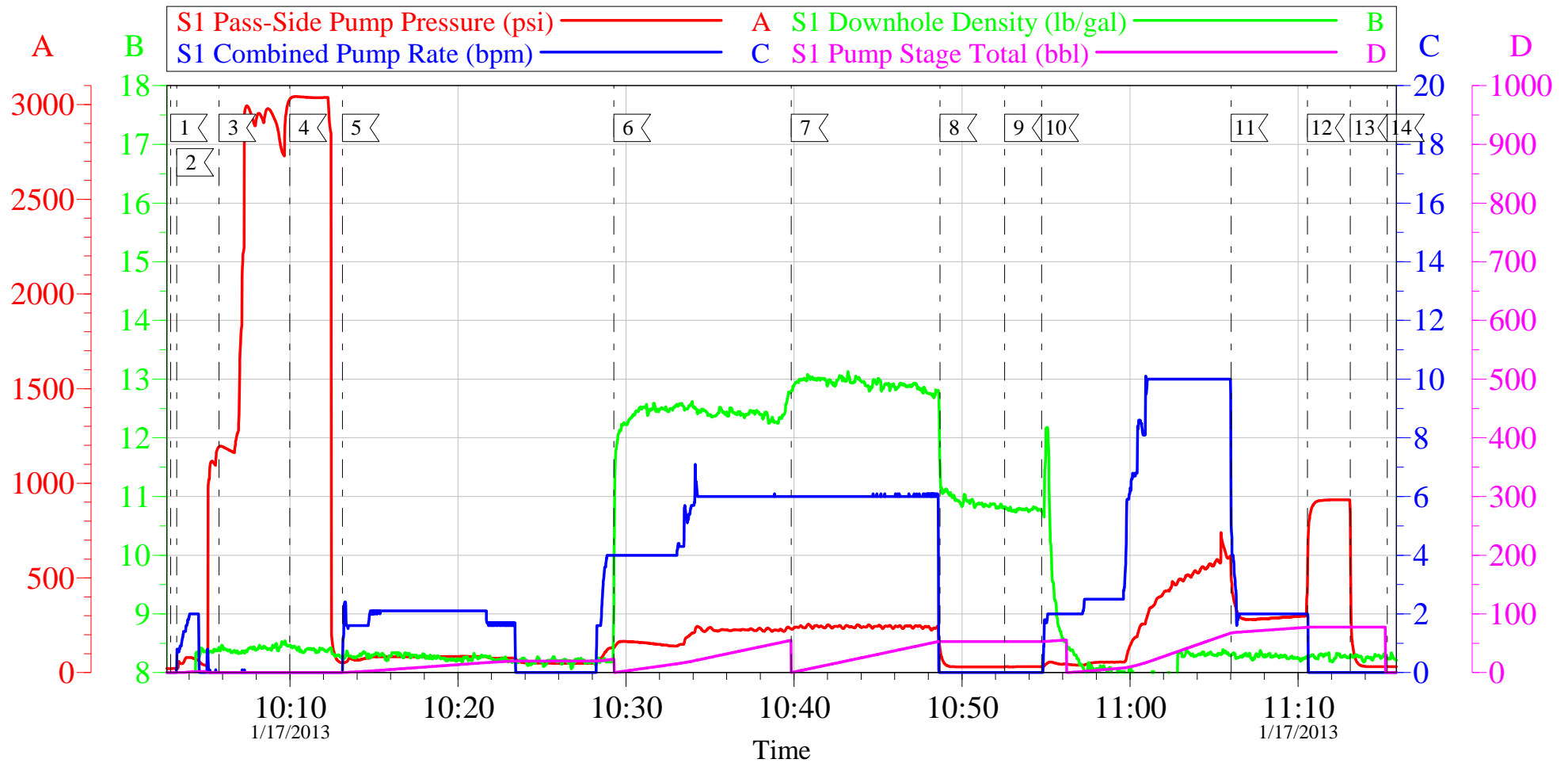
SUMMIT Version: 7.3.0073

Sunday, January 20, 2013 06:13:00

		#		Stage	Total	Tubing	Casing	
Pump Lead Cement	01/17/2013 10:29		6	63.6			241.0	150 SKS, 12.3 PPG, 2.38 YIELD, 13.75 GAL/SK
Pump Tail Cement	01/17/2013 10:39		6	60.1			240.0	160 SKS, 12.8 PPG, 2.11 YIELD, 11.75 GAL/SK
Shutdown	01/17/2013 10:48							WASH UP ON TOP OF PLUG
Drop Top Plug	01/17/2013 10:52							
Pump Displacement	01/17/2013 10:54		10	80.9			605.0	FRESH WATER
Slow Rate	01/17/2013 11:06		2	10			279.0	
Bump Plug	01/17/2013 11:10						298.0	PRESSURED UP TO 907 PSI
Check Floats	01/17/2013 11:13							FLOATS HELD - GOT 1/2 BBL BACK
End Job	01/17/2013 11:15							GOT 25 BBLS CEMENT TO SURFACE / USED 80 LBS SUGAR / NO DERRICK CHARGE / NO ADD HOURS
Post-Job Safety Meeting (Pre Rig-Down)	01/17/2013 11:30							ALL HES PERSONNEL
Rig-Down Equipment	01/17/2013 11:45							
Pre-Convoy Safety Meeting	01/17/2013 12:45							ALL HES PERSONNEL
Crew Leave Location	01/17/2013 13:00							THANK YOU FOR USING HALLIBURTON AND ED DEUSSEN AND CREW

WPX - SG 434-23

9 5/8 SURFACE



Local Event Log

1 START JOB	10:02:54	2 FILL LINES	10:03:16	3 5TH GEAR STALLOUT	10:05:47
4 PRESSURE TEST	10:09:59	5 PUMP H2O SPACER	10:13:07	6 PUMP LEAD CEMENT	10:29:16
7 PUMP TAIL CEMENT	10:39:51	8 SHUTDOWN/WASH UP PUMP	10:48:42	9 DROP TOP PLUG	10:52:33
10 PUMP DISPLACEMENT	10:54:45	11 SLOW RATE	11:06:01	12 BUMP PLUG	11:10:34
13 CHECK FLOATS	11:13:07	14 END JOB	11:15:19		

Customer: WPX
Well Description: SG 434-23
Company Rep: AL DUNIHO

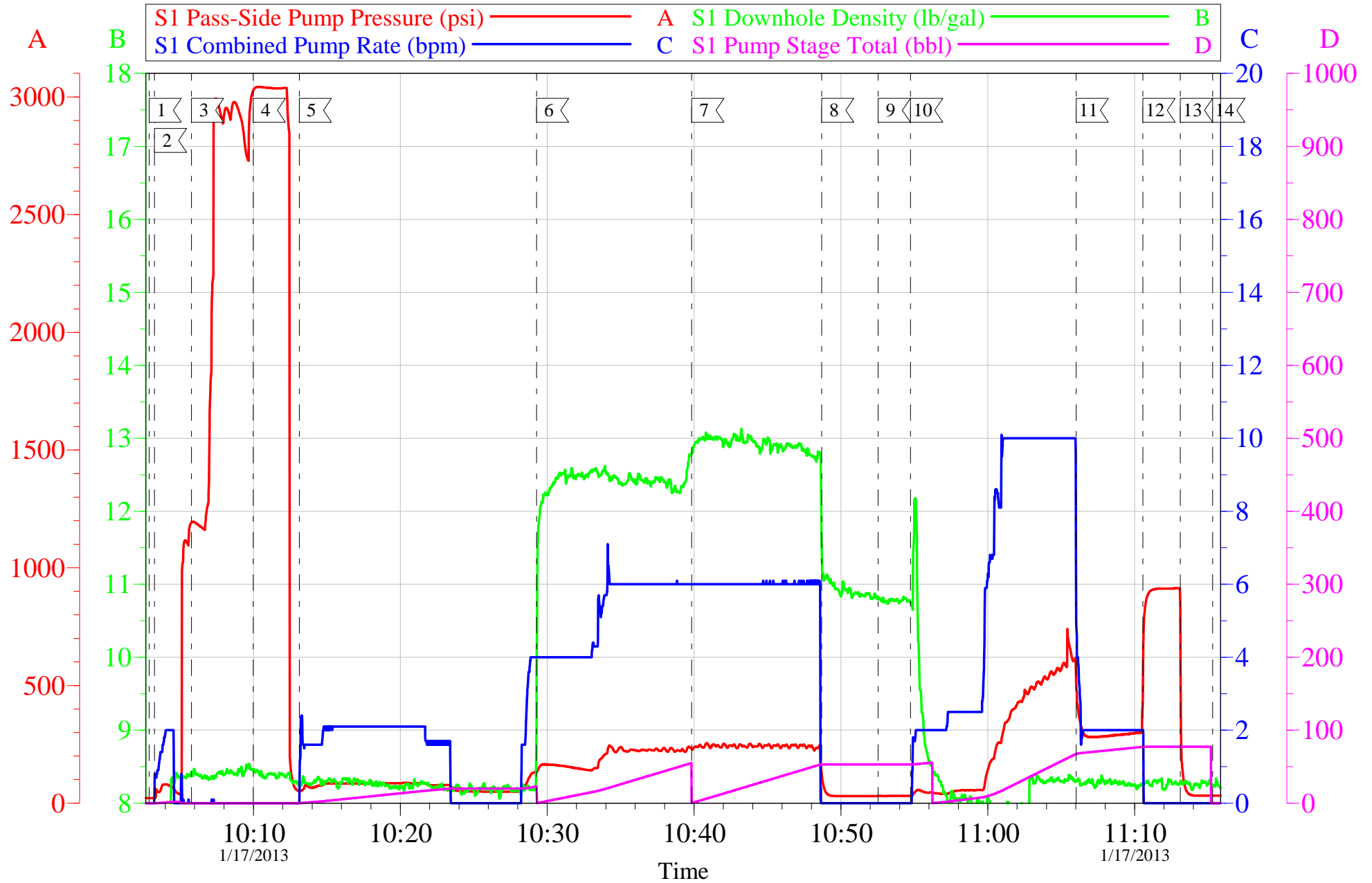
Job Date: 17-Jan-2013
Job Type: SURFACE
Cement Supervisor: ED DEUSSEN

Sales Order #: 900116808
ADC Used: YES
Elite #4: JEROD SIMINEO

OptiCem v6.4.10
17-Jan-13 11:22

WPX - SG 434-23

9 5/8 SURFACE



Customer: WPX	Job Date: 17-Jan-2013	Sales Order #: 900116808
Well Description: SG 434-23	Job Type: SURFACE	ADC Used: YES
Company Rep: AL DUNIHO	Cement Supervisor: ED DEUSSEN	Elite #4: JEROD SIMINEO

OptiCem v6.4.10
17-Jan-13 11:23

HALLIBURTON

Water Analysis Report

Company: WILLIAMS

Submitted by: ED DEUSSEN

Attention: J.TROUT

Lease SG

Well # 434-23

Date: 1/17/2013

Date Rec.: 1/17/2013

S.O.# 900116808

Job Type: 9 5/8 SURFACE

Specific Gravity	<i>MAX</i>	<i>1</i>
pH	<i>8</i>	<i>7</i>
Potassium (K)	<i>5000</i>	<i>0</i> Mg / L
Calcium (Ca)	<i>500</i>	<i>250</i> Mg / L
Iron (FE2)	<i>300</i>	<i>0</i> Mg / L
Chlorides (Cl)	<i>3000</i>	<i>0</i> Mg / L
Sulfates (SO ₄)	<i>1500</i>	<i><200</i> Mg / L
Temp	<i>40-80</i>	<i>42</i> Deg
Total Dissolved Solids		<i>40</i> Mg / L

Respectfully: ED DEUSSEN

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 #: 900116808	Line Item: 10	Survey Conducted Date: 1/17/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: AL DUNIHO		API / UWI: (leave blank if unknown) AFEY05FZAAKEX4GNAAA
Well Name: SG		Well Number: 434-23
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	1/17/2013
Survey Interviewer	The survey interviewer is the person who initiated the survey.	EDWARD DEUSSEN (HB57194)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	AL DUNIHO
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 MEN!

CUSTOMER SIGNATURE

Sales Order #: 900116808	Line Item: 10	Survey Conducted Date: 1/17/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: AL DUNIHO		API / UWI: (leave blank if unknown) AFEY05FZAAKEX4GNAAA
Well Name: SG		Well Number: 434-23
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	1/17/2013

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.	4.5
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.	1.5
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: AL DUNIHO		API / UWI: (leave blank if unknown) AFEY05FZAAKEX4GNAAA
Well Name: SG		Well Number: 434-23
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	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	98
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