
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**SG 313-27
RULISON
Garfield County , Colorado**

Cement Surface Casing
02-May-2012

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 300721	Quote #:	Sales Order #: 9474102
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Customer Rep: DUNIHO, AL		
Well Name: SG	Well #: 313-27	API/UWI #:	
Field: RULISON	City (SAP): TULSA	County/Parish: Garfield	State: Colorado
Contractor: NABORS 573	Rig/Platform Name/Num: NABORS 573		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: MAYO, MARK	Srv Supervisor: MAGERS, MICHAEL	MBU ID Emp #:	339439

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
EICKHOFF, ROBERT Edward	6	495311	JAMISON, PRICE W	6	229155	MAGERS, MICHAEL Gerard	6	339439
SINCLAIR, DAN J	6	338784						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10011429	60 mile	10867423	60 mile	10872429	60 mile	11259886	60 mile
11562538	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
05/02/2012	6	1						
TOTAL	Total is the sum of each column separately							

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
				BHST	1372. ft	1372. ft				

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
R/A DENSOMETER W/CHART RECORDER, /JOB, ZI	1	JOB		
ADC (AUTO DENSITY CTRL) SYS, /JOB, ZI	1	JOB		
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	9.625	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625	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

Stage/Plug #: 1	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
Fluid #	Stage Type							

1	Fresh 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
	13.75 Gal	FRESH WATER							
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75		11.75
	11.75 Gal	FRESH WATER							
4	Fresh Water Displacement		103.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	103	Shut In: Instant		Lost Returns	0	Cement Slurry	145	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	16	Actual Displacement	103	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	268
Rates									
Circulating	RIG	Mixing	8	Displacement	10/2	Avg. Job			8
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

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Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS				Customer Rep: DUNIHOO, AL			
Well Name: SG			Well #: 313-27		API/UWI #:		
Field: RULISON		City (SAP): TULSA		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 573			Rig/Platform Name/Num: NABORS 573				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: MAYO, MARK			Srvc Supervisor: MAGERS, MICHAEL			MBU ID Emp #: 339439	

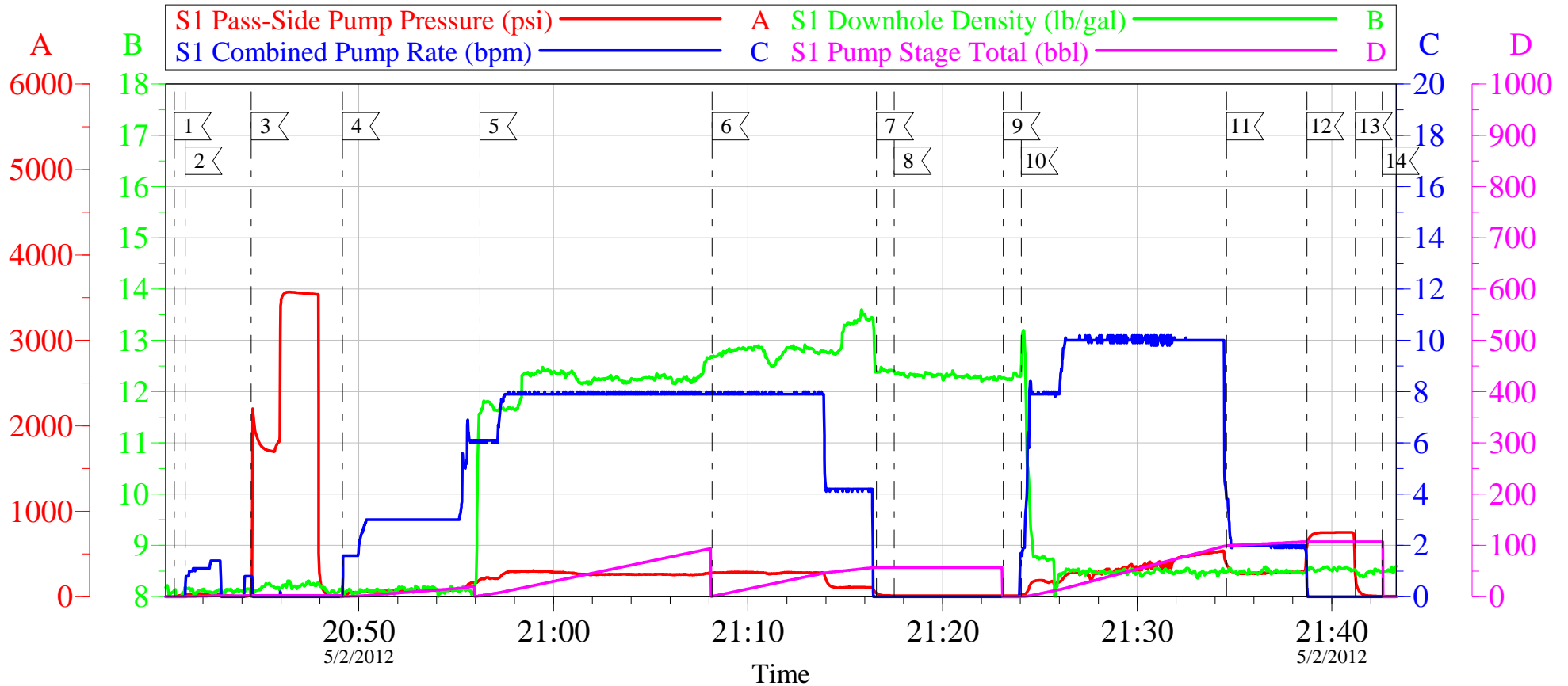
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	05/02/2012 11:30							
Pre-Convoy Safety Meeting	05/02/2012 13:15							HES ALL PRESENT
Crew Leave Yard	05/02/2012 13:30							HES ALL PRESENT
Arrive At Loc	05/02/2012 15:00							HES ARRIVED ON LOCATION 1 HOUR EARLY/TIME STARTS AT 16:00/RIG CIRCULATED WHILE HES RIGGED UP AND PRIMED PUMPS/RIG CIRCULATED FOR 45 MINUTES
Assessment Of Location Safety Meeting	05/02/2012 15:10							LOCATION IN GOOD CONDITION
Pre-Rig Up Safety Meeting	05/02/2012 19:50							JSA ON RIGGING UP
Rig-Up Equipment	05/02/2012 20:00							1 PICKUP 1 ELITE 2 BULK TRUCKS
Safety Huddle	05/02/2012 20:20							RIG CREW AND HES ALL PRESENT
Start Job	05/02/2012 20:40							TD-1372 TP-1356 SJ-45 MW-10.1 CSG- 9 5/8 32.3# H-40 OH-13 1/2"
Other	05/02/2012 20:41		2	2			34.0	FILL LINES
Pressure Test	05/02/2012 20:44		0.5	0.5			3565.0	PSI TEST OK
Pump Spacer 1	05/02/2012 20:49		3	20			77.0	FRESH WATER
Pump Lead Cement	05/02/2012 20:56		8	85			293.0	VERSACEM 200 SKS 12.3 PPG 2.38 FT3/SK 13.75 GAL/SK

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Tail Cement	05/02/2012 21:08		8	60			288.0	VERSACEM 160 SKS 12.8 PPG 2.11 FT3/SK 11.75 GAL/SK
Shutdown	05/02/2012 21:16							WASH UP ON TOP OFF PLUG
Drop Top Plug	05/02/2012 21:23							PLUG AWAY NO PROBLEMS
Pump Displacement	05/02/2012 21:24		10	93			526.0	FRESH WATER
Slow Rate	05/02/2012 21:34		2	10			273.0	GOT 16 BBLS OF CEMENT TO SURFACE
Bump Plug	05/02/2012 21:38		2	103			290.0	BUMPED PLUG
Check Floats	05/02/2012 21:41			103			754.0	FLOATS HELD/GOT 1/2 BBL BACK INTO TANK
End Job	05/02/2012 21:42							USED 80 LBS OF SUGAR
Comment	05/02/2012 21:45							THANKS FOR USING HES AND THE CREW OF MIKE MAGERS

WPX SG 313-27

9.625 SURFACE



Customer: WPX NABORS 573
Well Description: SG 313-27
Company Rep: AL DUNIHO

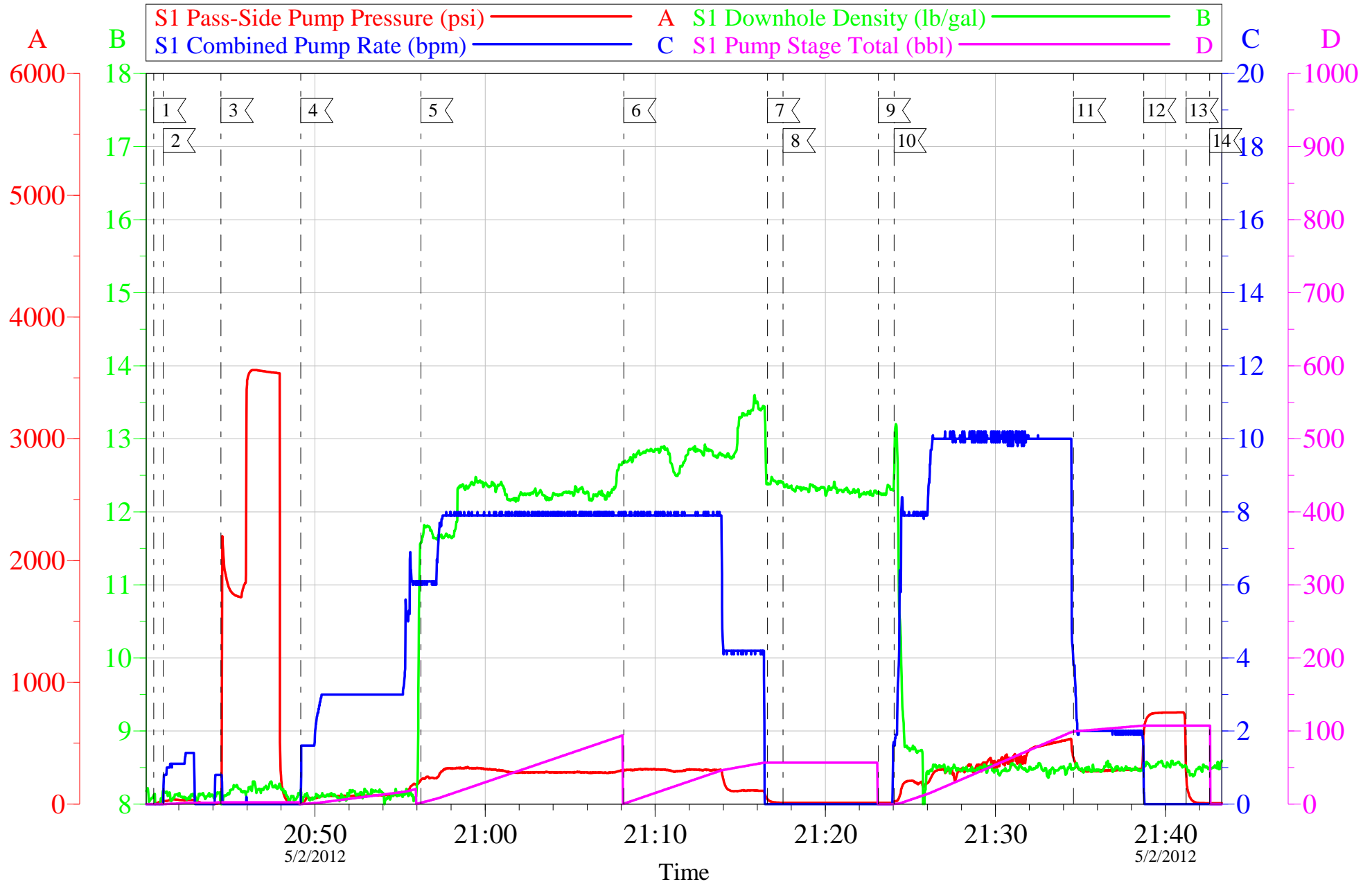
Job Date: 02-May-2012
Job Type: SURFACE
Cement Supervisor: MIKE MAGERS

Sales Order #: 9474102
ADC Used: YES
Elite # 7 ROB EICKHOFF

OptiCem v6.4.10
02-May-12 22:01

WPX SG 313-27

9.625 SURFACE



Customer: WPX NABORS 573
Well Description: SG 313-27
Company Rep: AL DUNIHO

Job Date: 02-May-2012
Job Type: SURFACE
Cement Supervisor: MIKE MAGERS

Sales Order #: 9474102
ADC Used: YES
Elite # 7 ROB EICKHOFF

OptiCem v6.4.10
02-May-12 22:01

Sales Order #: 9474102	Line Item: 10	Survey Conducted Date: 5/2/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: AL DUNIHO		API / UWI: (leave blank if unknown) AFEYKSNQE3J02KFBAAA
Well Name: SG		Well Number: 313-27
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	5/2/2012
Survey Interviewer	The survey interviewer is the person who initiated the survey.	MICHAEL MAGERS (HX13672)
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	GREAT JOB MEN

CUSTOMER SIGNATURE

Sales Order #: 9474102	Line Item: 10	Survey Conducted Date: 5/2/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: AL DUNIHO		API / UWI: (leave blank if unknown) AFEYKSNQE3J02KFBAAA
Well Name: SG		Well Number: 313-27
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	5/2/2012

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.	Vertical
Total Operating Time (hours) Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	3
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	4
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

Sales Order #: 9474102	Line Item: 10	Survey Conducted Date: 5/2/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: AL DUNIHO		API / UWI: (leave blank if unknown) AFEYKSNQE3J02KFBAAA
Well Name: SG		Well Number: 313-27
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	93
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