
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**PA 534-2
PARACHUTE
Garfield County , Colorado**

**Cement Surface Casing
01-Jan-2013**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2966370	Quote #:	Sales Order #: 900033933
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Customer Rep: Valad, Gary		
Well Name: PA	Well #: 534-2	API/UWI #: 05-045-20883	
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.466 deg. OR N 39 deg. 27 min. 57.287 secs.	Long: W 107.954 deg. OR W -108 deg. 2 min. 45.193 secs.		
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	Srvc Supervisor: SLAUGHTER, JESSE	MBU ID Emp #: 454315	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GOWEN, WESLEY M	9	496205	MILLER II, MATTHEW Reginald	9	425164	SLAUGHTER, JESSE Dean	9	454315
WADE, LOGAN	9	488896						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10867094	60 mile	10867425	60 mile	10871245	60 mile	10897891	60 mile
10897925	60 mile	11259881	60 mile	11808831	60 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
1-1-2013	1	4						

TOTAL Total is the sum of each column separately

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Job Type	Job depth MD	Water Depth	Perforation Depth (MD)	From	To	Job Times	Date	Time	Time Zone
				BHST	1378. ft					Called Out	31 - Dec - 2012	23:30	MST
										On Location	01 - Jan - 2013	03:00	MST
										Job Started	01 - Jan - 2013	08:22	MST
										Job Completed	01 - Jan - 2013	09:29	MST
										Departed Loc	01 - Jan - 2013	12:00	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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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	9.625	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 #	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									
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	8.33	.0	.0	4	
2	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	185.0	sacks	12.3	2.38	13.75	6.5	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	FRESH WATER	104.7	bbl	8.33	.0	.0	10	
Calculated Values		Pressures		Volumes					
Displacement	104.7	Shut In: Instant		Lost Returns	NO	Cement Slurry	139	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	20	Actual Displacement	104.7	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	263
Rates									
Circulating		Mixing	7	Displacement	10	Avg. Job	8.5		
Cement Left In Pipe	Amount	0 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					

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Well Name: PA			Well #: 534-2			API/UWI #: 05-045-20883	
Field: PARACHUTE		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Legal Description:							
Lat: N 39.466 deg. OR N 39 deg. 27 min. 57.287 secs.				Long: W 107.954 deg. OR W -108 deg. 2 min. 45.193 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: SLAUGHTER, JESSE			MBU ID Emp #: 454315	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/31/2012 23:30							TD 1393 FT, TP 1378 FT, SHOE 47 FT, CSG 9 5/8 IN 32.3 LB/FT, HOLE 13 1/2 IN, MUD WT 9.6 PPG
Pre-Convoy Safety Meeting	01/01/2013 01:20							WITH ALL HES PERSONNEL
Crew Leave Yard	01/01/2013 01:30							
Arrive At Loc	01/01/2013 03:00							RIG WAS RUNNING CASING UPON HES ARRIVAL
Assessment Of Location Safety Meeting	01/01/2013 06:00							WITH ALL HES PERSONNEL
Other	01/01/2013 06:10							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	01/01/2013 06:20							WITH ALL HES PERSONNEL
Rig-Up Equipment	01/01/2013 06:30							
Pre-Job Safety Meeting	01/01/2013 08:00							WITH ALL PERSONNEL ON LOCATION
Start Job	01/01/2013 08:22							
Other	01/01/2013 08:22		2	2			85.0	FILL LINES WITH FRESH WATER
Test Lines	01/01/2013 08:24							TESTED LINES TO 3380 PSI PRESSURE HOLDING
Pump Spacer 1	01/01/2013 08:28		4	20			135.0	FRESH WATER
Pump Lead Cement	01/01/2013 08:40		6.5	78.4			302.0	185 SKS AT 12.3 PPG, 2.38 FT3/SK, 13.75 GAL/SK
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

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Quote # :

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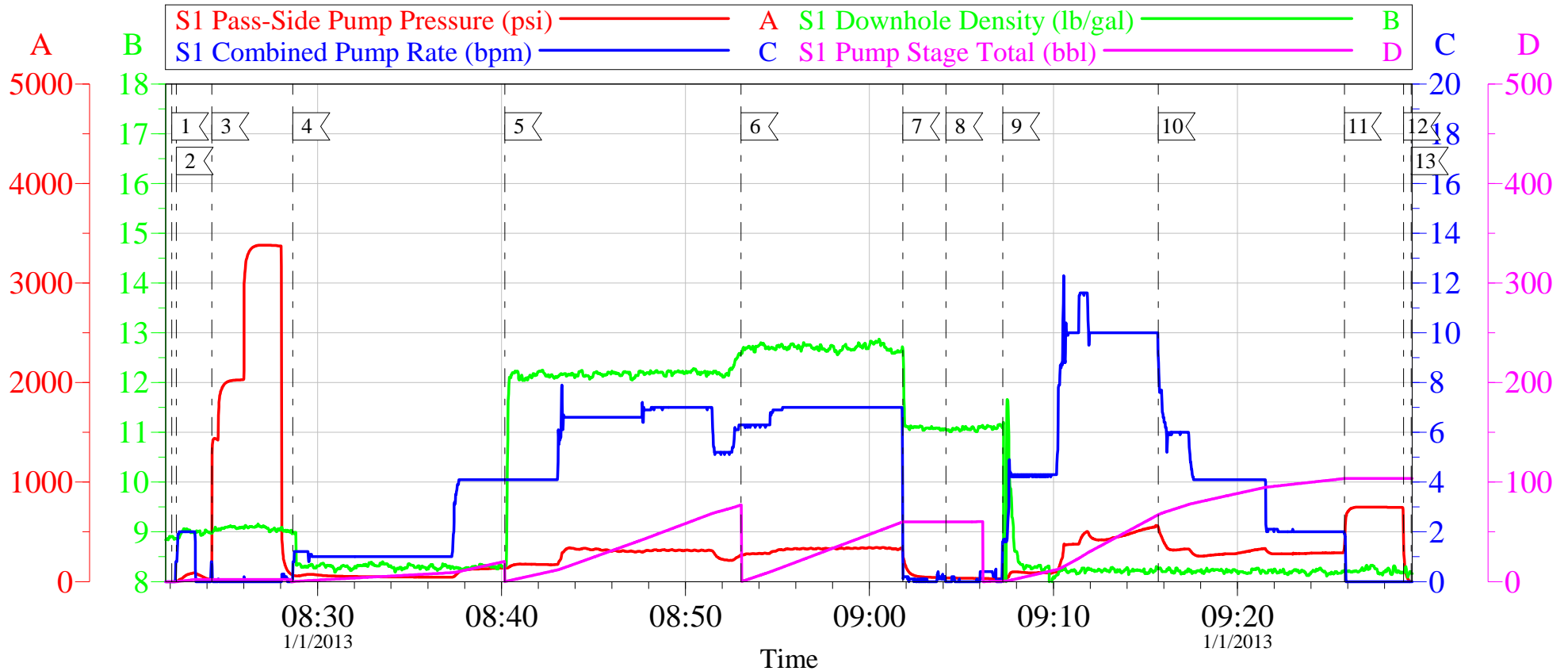
SUMMIT Version: 7.3.0045

Monday, January 14, 2013 04:49:00

		#		Stage	Total	Tubing	Casing	
Pump Tail Cement	01/01/2013 08:53		7	60.1			310.0	160 SKS AT 12.8 PPG, 2.11 FT3/SK, 11.75 GAL/SK
Shutdown	01/01/2013 09:01							
Drop Top Plug	01/01/2013 09:04							PLUG LAUNCHED
Pump Displacement	01/01/2013 09:07		10	94.7			585.0	FRESH WATER
Slow Rate	01/01/2013 09:15		2	10			285.0	SLOWED RATE TO 4 BPM AT 80 BBLS INTO DISPLACEMENT DUE TO VACUUM TRUCK NOT KEEPING UP. SLOWED RATE TO 2 BPM AT 10 BBL PRIOR TO CALCULATED DISPLACEMENT
Bump Plug	01/01/2013 09:25		2		104.7		750.0	PLUG BUMPED
End Job	01/01/2013 09:29							PIPE WAS STATIC DURING JOB, GOOD CIRCULATION THROUGHOUT JOB. HES RETURNED 20 BBL CEMENT TO SURFACE. USED 20 LB SUGAR FOR JOB
Check Floats	01/01/2013 09:29							FLOATS HOLDING. HES RETURNED 1 BBL H2O TO PUMP
Pre-Rig Down Safety Meeting	01/01/2013 09:35							WITH ALL HES PERSONNEL
Rig-Down Equipment	01/01/2013 09:40							
Pre-Convoy Safety Meeting	01/01/2013 11:50							WITH ALL HES PERSONNEL
Crew Leave Location	01/01/2013 12:00							
Comment	01/01/2013 12:01							THANK YOU FOR USING HALLIBURTON CEMENT DEPARTMENT. JESSE SLAUGHTER AND CREW.

WPX PA 534-2

9 5/8 SURFACE



Local Event Log

1 START JOB	08:22:05	2 PRIME LINES	08:22:19
3 TEST LINES	08:24:16	4 PUMP H2O SPACER	08:28:40
5 PUMP LEAD CEMENT	08:40:11	6 PUMP TAIL CEMENT	08:53:01
7 SHUTDOWN	09:01:49	8 DROP TOP PLUG	09:04:10
9 PUMP DISPLACEMENT	09:07:15	10 SLOW RATE FOR WATER TRUCK	09:15:42
11 BUMP PLUG	09:25:49	12 CHECK FLOATS	09:29:01
13 END JOB	09:29:27		

Customer: WPX
Well Description: PA 534-2
Customer Rep: GARY VALAD

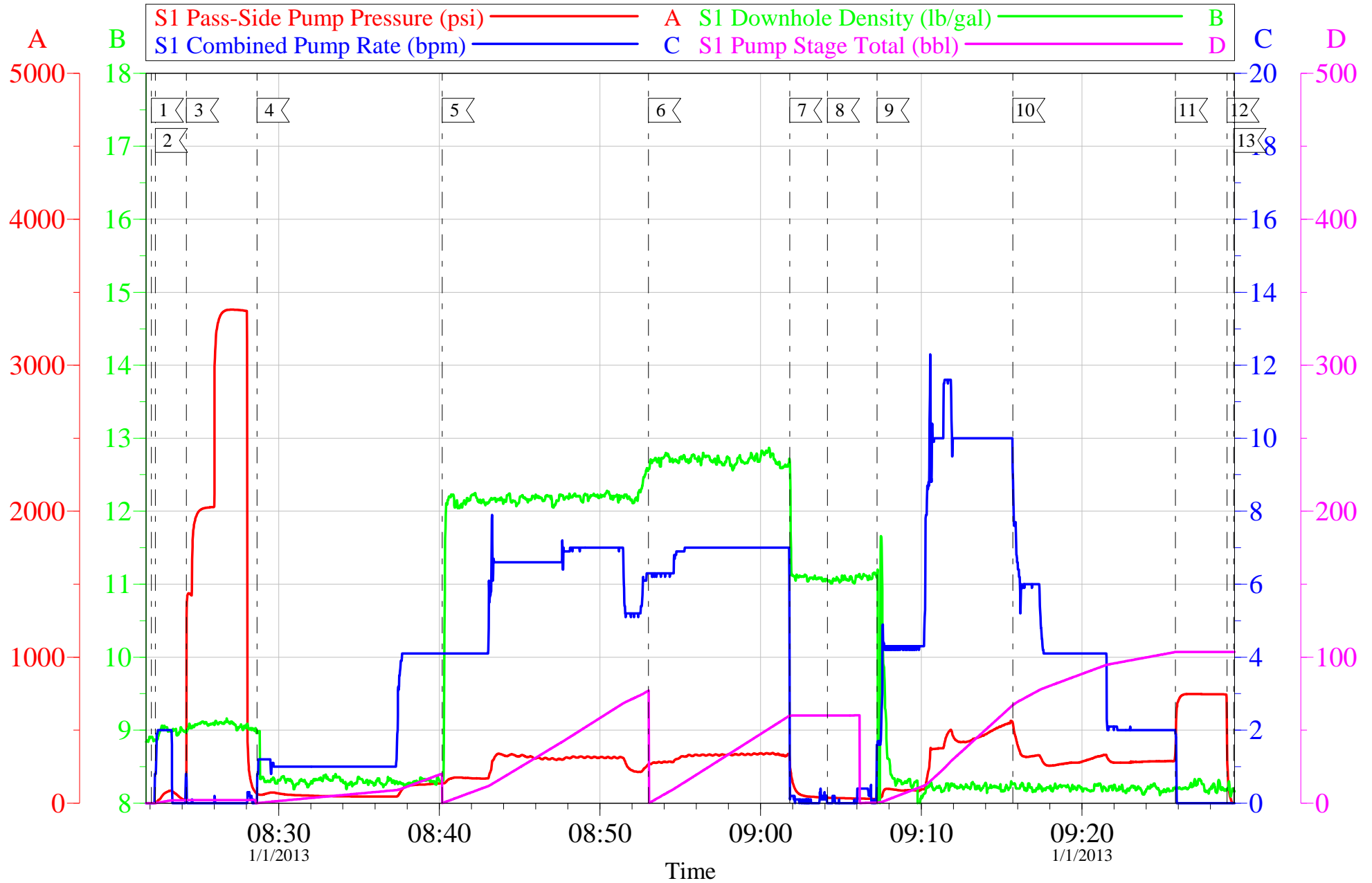
Job Date: 01-Jan-2013
Job Type: SURFACE
Cement Supervisor: JESSE SLAUGHTER

Sales Order #: 900033933
ADC Used: YES
Elite #8: WESLEY GOWEN

OptiCem v6.4.10
01-Jan-13 09:41

WPX PA 534-2

9 5/8 SURFACE



Customer: WPX	Job Date: 01-Jan-2013	Sales Order #: 900033933
Well Description: PA 534-2	Job Type: SURFACE	ADC Used: YES
Customer Rep: GARY VALAD	Cement Supervisor: JESSE SLAUGHTER	Elite #8: WESLEY GOWEN

OptiCem v6.4.10
01-Jan-13 09:41

HALLIBURTON

Water Analysis Report

Company: WILLIAMS PRODUCTION

Submitted by: JESSE SLAUGHTER

Attention: LAB

Lease PA

Well # 534-2

Date: 1/1/2013

Date Rec.:

S.O.# 900033933

Job Type: SURFACE

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	6
Potassium (K)	<i>5000</i>	250 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>	UNDER 200 Mg / L
Chlorine (Cl ₂)		0 Mg / L
Temp	<i>40-80</i>	65 Deg
Total Dissolved Solids		200 Mg / L

Respectfully: JESSE SLAUGHTER

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 use.

Sales Order #: 900033933	Line Item: 10	Survey Conducted Date: 1/1/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: GARY VALLAD		API / UWI: (leave blank if unknown) 05-045-20883
Well Name: PA		Well Number: 534-2
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	1/1/2013
Survey Interviewer	The survey interviewer is the person who initiated the survey.	JESSE SLAUGHTER (HB21762)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	GARY VALLAD
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 HAPPY NEW YEAR

CUSTOMER SIGNATURE

Sales Order #: 900033933	Line Item: 10	Survey Conducted Date: 1/1/2013
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Customer Representative: GARY VALLAD		API / UWI: (leave blank if unknown) 05-045-20883
Well Name: PA		Well Number: 534-2
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	1/1/2013

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
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	6
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 VALLAD		API / UWI: (leave blank if unknown) 05-045-20883
Well Name: PA		Well Number: 534-2
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	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