

---

**WPX ENERGY ROCKY MOUNTAIN LLC-EBUS**

---

**PA 33-2  
Parachute  
Garfield County , Colorado**

**Cement Surface Casing**  
29-Apr-2013

**Post Job Report**

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 300721	<b>Ship To #:</b> 2995242	<b>Quote #:</b>	<b>Sales Order #:</b> 900396952
<b>Customer:</b> WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		<b>Customer Rep:</b> Vallad, Gary	
<b>Well Name:</b> PA		<b>Well #:</b> 33-2	<b>API/UWI #:</b> 05-045-20884
<b>Field:</b> Parachute	<b>City (SAP):</b> PARACHUTE	<b>County/Parish:</b> Garfield	<b>State:</b> Colorado
<b>Lat:</b> N 39.466 deg. OR N 39 deg. 27 min. 57.949 secs.		<b>Long:</b> W 107.954 deg. OR W -108 deg. 2 min. 45.625 secs.	
<b>Contractor:</b> NABORS 574		<b>Rig/Platform Name/Num:</b> Nabors 574	
<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> PONDER, THOMAS	<b>MBU ID Emp #:</b> 427112

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
KUKUS, CARLTON Dean	13	458577	PONDER, THOMAS Lynn	13	427112	ROSE, BENJAMIN Keith	13	487022
SINCLAIR, DAN J	13	338784						

**Equipment**

HES Unit #	Distance-1 way						
10296152C	60 mile	10867304	60 mile	10998054	60 mile	11021972	60 mile
11027039	60 mile	11583931	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
04/29/2013	13	3						
<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
					28 - Apr - 2013	22:30	MST
<b>Form Type</b>				<b>On Location</b>	29 - Apr - 2013	02:00	MST
<b>Job depth MD</b>	1793. ft			<b>Job Started</b>	29 - Apr - 2013	12:11	MST
<b>Water Depth</b>				<b>Job Completed</b>	29 - Apr - 2013	13:21	MST
<b>Perforation Depth (MD)</b>	<i>From</i>		<i>To</i>	<b>Departed Loc</b>	29 - Apr - 2013	15:00	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
OPEN HOLE				13.5				.	1810.		
SURFACE CASING	Unknown		9.625	9.001	32.3		H-40	.	1793.		

**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	9 5/8	1		1747	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**

**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

**Stage/Plug #: 1**

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	8.34	.0	.0	4.0	
2	VariCem GJ1 Lead Cement	VARICEM (TM) CEMENT (452009)	275.0	sacks	12.3	2.38	13.75	8.0	13.75
13.75 Gal		FRESH WATER							
3	VariCemGJ2 Tail Cement	VARICEM (TM) CEMENT (452009)	160.0	sacks	12.8	2.11	11.75	8.0	11.75
11.75 Gal		FRESH WATER							
4	Fresh Water Displacement		138.00	bbl	8.34	.0	.0	10.0	
Calculated Values			Pressures			Volumes			
Displacement	137.5	Shut In: Instant		Lost Returns		Cement Slurry	176.7	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	20	Actual Displacement	137.5	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	334.2
Rates									
Circulating	RIG	Mixing	8	Displacement	10	Avg. Job	8		
Cement Left In Pipe	Amount	46 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*

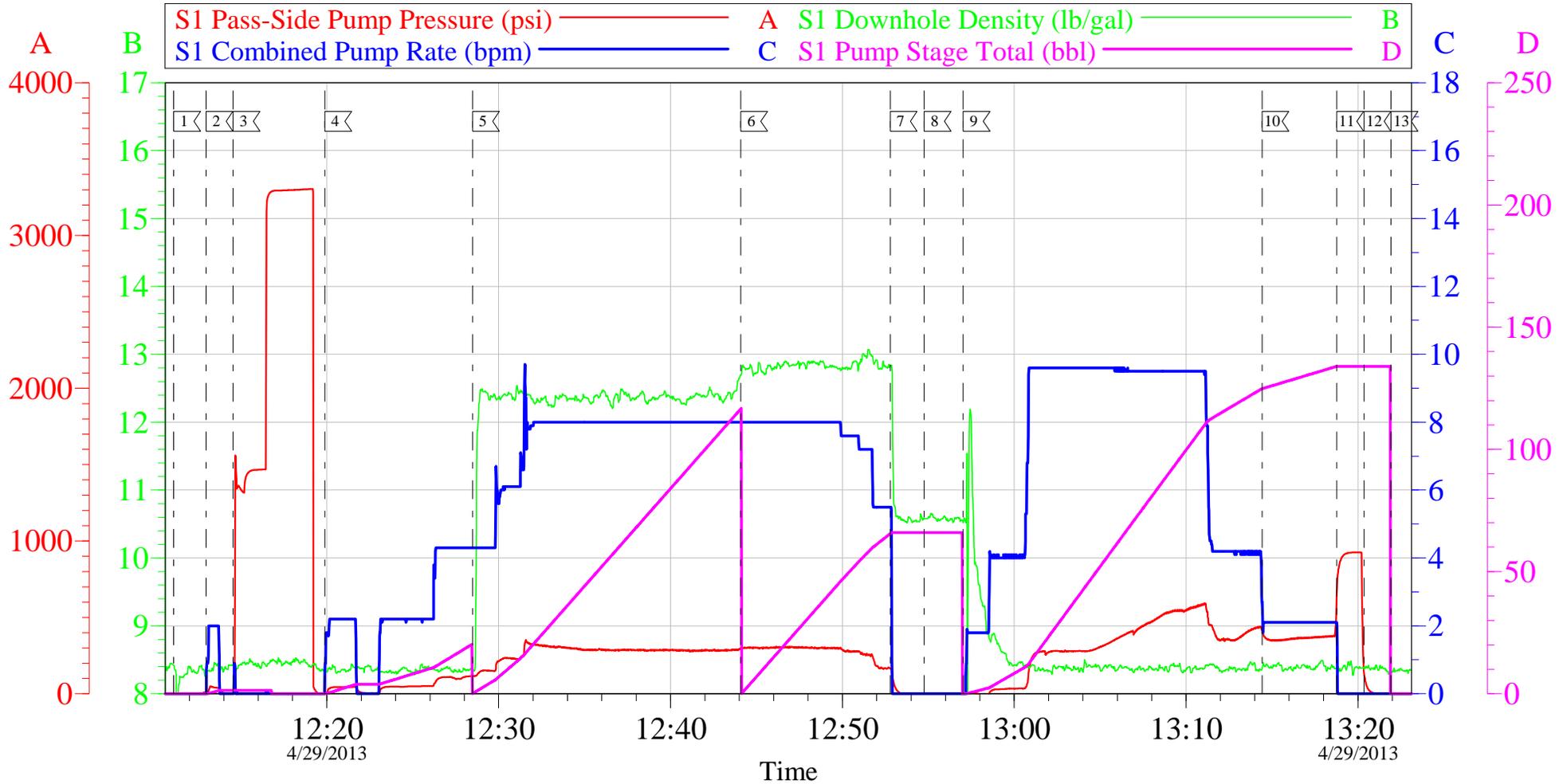
<b>Sold To #:</b> 300721	<b>Ship To #:</b> 2995242	<b>Quote #:</b>	<b>Sales Order #:</b> 900396952
<b>Customer:</b> WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		<b>Customer Rep:</b> Vallad, Gary	
<b>Well Name:</b> PA		<b>Well #:</b> 33-2	<b>API/UWI #:</b> 05-045-20884
<b>Field:</b> Parachute	<b>City (SAP):</b> PARACHUTE	<b>County/Parish:</b> Garfield	<b>State:</b> Colorado
<b>Legal Description:</b>			
<b>Lat:</b> N 39.466 deg. OR N 39 deg. 27 min. 57.949 secs.		<b>Long:</b> W 107.954 deg. OR W -108 deg. 2 min. 45.625 secs.	
<b>Contractor:</b> NABORS 574		<b>Rig/Platform Name/Num:</b> Nabors 574	
<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> PONDER, THOMAS	<b>MBU ID Emp #:</b> 427112

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/28/2013 22:30							
Crew Leave Yard	04/29/2013 00:30							ALL HES PRESENT FOR PRE-CONVOY SAFETY HUDDLE
Arrive At Loc	04/29/2013 02:00							RIG WAS STILL RUNNING THEIR WIPER TRIP WHEN CREW ARRIVED ON LOCATION, CUSTOMER SAID THAT THEY WERE DEALING WITH SOME CLAY MAKING THEIR PULL STICK FOR THE FIRST 600', DUE TO THE DEVIATION OF THE WELL BEING 36 DEG HAD TO CIRCULATE FINAL 16 JOINTS DOWN
Assessment Of Location Safety Meeting	04/29/2013 10:30							TD- 1810', TP- 1793', SJ- 46', MUD- 10.8 PPG, HOLE- 13 1/2", SURFACE CASING- 9 5/8" 32.3# H-40
Rig-Up Equipment	04/29/2013 11:00							1-550 PICKUP, 1-ELITE PUMP, 2-660 CUFT BULK TRUCK
Safety Meeting	04/29/2013 11:45							ALL HES PRESENT, RIG CREW PRESENT, RIG STARTED CIRCULATING ON BOTTOM @ 1450
Start Job	04/29/2013 12:11		2	2			49.0	FILL LINES

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Test Lines	04/29/2013 12:14		0.1	0.1			3305.0	
Pump Spacer 1	04/29/2013 12:19		4	20			116.0	FRESH WATER, SHUTDOWN AFTER 5 BBL HAD A SLIGHT LEAK IN PLUG CONTAINER, STOPPED LEAK
Pump Lead Cement	04/29/2013 12:28		8	116.6			352.0	275 SKS 12.3 PPG 2.38 FT3/SK 13.75 GAL/SK
Pump Tail Cement	04/29/2013 12:44		8	60.1			310.0	160 SKS 12.8 PPG 2.11 FT3/SK 11.75 GAL/SK
Shutdown	04/29/2013 12:52							
Drop Plug	04/29/2013 12:54							PLUG DROP VERIFIED VIA TATTLE TELL BY CUSTOMER REP
Pump Displacement	04/29/2013 12:57		10	127.5			673.0	FRESH WATER, WASHED UP MIXING TUB ON TOP OF PLUG, SLOWED RATE TO 4 BPM @ 144 AWAY BECAUSE SUCK TRUCK COULD NOT KEEP UP
Slow Rate	04/29/2013 13:14		2	10	137.5		645.0	GOOD CIRCULATION THROUGH OUT THE JOB, 20 BBL CEMENT CIRCULATED TO SURFACE
Bump Plug	04/29/2013 13:18		2		137.5		390.0	PLUG BUMPED
Check Floats	04/29/2013 13:20						926.0	FLOATS HELD, 1/2 BBL BACK TO THE DISPLACEMENT TANKS
End Job	04/29/2013 13:22							THANK YOU FOR CHOOSING HALLIBURTON, THOMAS PONDER AND CREW

# WPX PA 33-2

## 9.625 IN SURFACE

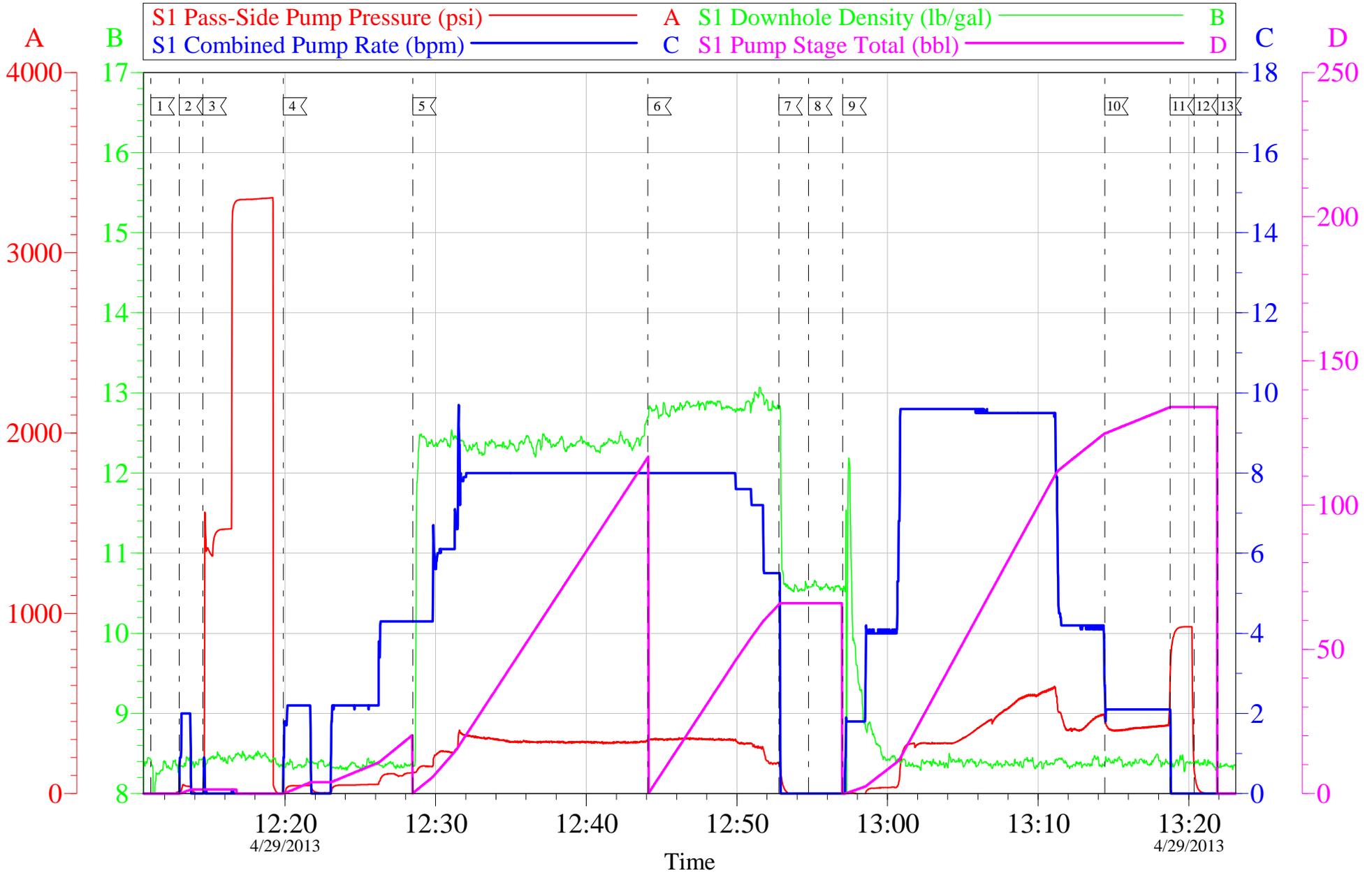


Local Event Log			
Maximum	SPPP	Maximum	SPPP
1 START JOB	12:11:05 9.000	2 FILL LINES	12:12:58 49.00
4 PUMP H2O SPACER	12:19:53 116.0	5 PUMP LEAD CEMENT	12:28:29 352.0
7 SHUTDOWN	12:52:47 165.0	8 DROP PLUG	12:54:45 -8.000
10 SLOW RATE	13:14:25 645.8	11 BUMP PLUG	13:18:46 926.0
13 END JOB	13:21:56 8.000	3 TEST LINES	12:14:32 3305
		6 PUMP TAIL CEMENT	12:44:05 310.0
		9 PUMP H2O DISPLACEMENT	12:57:02 594.0
		12 CHECK FLOATS	13:20:21 143.0

Customer: WPX	Job Date: 29-Apr-2013	Sales Order #: 900396952
Well Description: PA 33-2	Job Type: SURFACE	ADC Used: YES
Company Rep: GARY VALLAD	Cement Supervisor: THOMAS PONDER	Elite #/Operator: ELITE #9 / DAN SINCLAIR

# WPX PA 33-2

## 9.625 IN SURFACE



Customer: WPX	Job Date: 29-Apr-2013	Sales Order #: 900396952
Well Description: PA 33-2	Job Type: SURFACE	ADC Used: YES
Company Rep: GARY VALLAD	Cement Supervisor: THOMAS PONDER	Elite #/Operator: ELITE #9 / DAN SINCLAIR

# HALLIBURTON

Company: WPX Date: 4/22/2013  
Submitted by: THOMAS PONDER Date Rec.: 4/29/2013  
Attention: LARRY COOKSEY S.O.# 900396952  
Lease 

PA
----

 Job Type: SQUEEZE  
Well # 33-2

Specific Gravity	<i>MAX</i>	<i>1</i>
pH	<i>8</i>	<i>7</i>
Potassium (K)	<i>5000</i>	<i>250 Mg / L</i>
Calcium (Ca)	<i>500</i>	<i>120 Mg / L</i>
Iron (FE2)	<i>300</i>	<i>0 Mg / L</i>
Chlorides (Cl)	<i>3000</i>	<i>0 Mg / L</i>
Sulfates (SO <sub>4</sub> )	<i>1500</i>	<i>0 Mg / L</i>
Carbonates hardness		
Temp	<i>40-80</i>	<i>55 Deg</i>
Total Dissolved Solids		<i>185 Mg / L</i>

Respectfully: THOMAS PONDER

Title: CEMENTING SUPERVISOR

Location: GRAND JCT, CO

<b>Sales Order #:</b> 900396952	<b>Line Item:</b> 10	<b>Survey Conducted Date:</b> 4/29/2013
<b>Customer:</b> WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		<b>Job Type (BOM):</b> CMT SURFACE CASING BOM
<b>Customer Representative:</b> GARY VALLAD		<b>API / UWI: (leave blank if unknown)</b> 05-045-20884
<b>Well Name:</b> PA		<b>Well Number:</b> 33-2
<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	4/29/2013
Survey Interviewer	The survey interviewer is the person who initiated the survey.	THOMAS PONDER (HX41187)
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	GOOD JOB

<b>CUSTOMER SIGNATURE</b>
---------------------------

<b>Sales Order #:</b> 900396952	<b>Line Item:</b> 10	<b>Survey Conducted Date:</b> 4/29/2013
<b>Customer:</b> WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		<b>Job Type (BOM):</b> CMT SURFACE CASING BOM
<b>Customer Representative:</b> GARY VALLAD		<b>API / UWI: (leave blank if unknown)</b> 05-045-20884
<b>Well Name:</b> PA		<b>Well Number:</b> 33-2
<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>	4/29/2013
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>	Deviated
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>	2
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>	6
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

<b>Sales Order #:</b> 900396952	<b>Line Item:</b> 10	<b>Survey Conducted Date:</b> 4/29/2013
<b>Customer:</b> WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		<b>Job Type (BOM):</b> CMT SURFACE CASING BOM
<b>Customer Representative:</b> GARY VALLAD		<b>API / UWI: (leave blank if unknown)</b> 05-045-20884
<b>Well Name:</b> PA		<b>Well Number:</b> 33-2
<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	98
<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	99
<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