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**WPX ENERGY ROCKY MOUNTAIN LLC-EBUS**

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**GM 522-6  
GRAND VALLEY  
Garfield County , Colorado**

**Squeeze Perfs**  
07-Jun-2012

**Post Job Summary**

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 300721	<b>Ship To #:</b> 2689589	<b>Quote #:</b>	<b>Sales Order #:</b> 9537388
<b>Customer:</b> WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		<b>Customer Rep:</b> Skalla, Justin	
<b>Well Name:</b> GM		<b>Well #:</b> 522-6	<b>API/UWI #:</b> 05-045-16341
<b>Field:</b> GRAND VALLEY	<b>City (SAP):</b> PARACHUTE	<b>County/Parish:</b> Garfield	<b>State:</b> Colorado
<b>Lat:</b> N 39.469 deg. OR N 39 deg. 28 min. 10.142 secs.		<b>Long:</b> W 108.155 deg. OR W -109 deg. 50 min. 42.364 secs.	
<b>Contractor:</b> WORKOVER		<b>Rig/Platform Name/Num:</b> WORKOVER	
<b>Job Purpose:</b> Squeeze Perfs			
<b>Well Type:</b> Development Well		<b>Job Type:</b> Squeeze Perfs	
<b>Sales Person:</b> MAYO, MARK		<b>Srvc Supervisor:</b> MAGERS, MICHAEL	<b>MBU ID Emp #:</b> 339439

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
EICKHOFF, ROBERT Edward	4	495311	HAMMOND, DENNIS C	4	287025	MAGERS, MICHAEL Gerard	4	339439
PRUETT, BRADLEY A	4	475748	SINCLAIR, DAN J	4	338784			

**Equipment**

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248065	60 mile	10872429	60 mile	11259886	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
06/07/2012	4	1.4						
<b>TOTAL</b>			<i>Total is the sum of each column separately</i>					

**Job**

**Job Times**

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
<b>Formation Depth (MD)</b>			<b>On Location</b>	07 - Jun - 2012	07:00	MST
<b>Form Type</b>		BHST	<b>Job Started</b>	07 - Jun - 2012	08:59	MST
<b>Job depth MD</b>	5190. ft	<b>Job Depth TVD</b>	5190. ft	<b>Job Completed</b>	07 - Jun - 2012	10:42
<b>Water Depth</b>		<b>Wk Ht Above Floor</b>	3. ft	<b>Departed Loc</b>	07 - Jun - 2012	11:30
<b>Perforation Depth (MD)</b>	<i>From</i>		<i>To</i>			

**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

**Tools and Accessories**

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug				5530	Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

**Stage/Plug #: 1**

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom

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	Injection Test		0.00	bbl	8.33	.0	.0	.0	
2	Water Spacer		5.00	bbl	8.33	.0	.0	.0	
3	SqueezeCem Tail Cement	SQUEEZECEM (TM) SYSTEM (452971)	30.0	sacks	15.8	1.15	4.98		4.98
	4.98 Gal	FRESH WATER							
4	Displacement		19.50	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	19.5	Shut In: Instant		Lost Returns	0	Cement Slurry	6.1	Pad	
Top Of Cement		5 Min		Cement Returns	0	Actual Displacement	19.5	Treatment	
Frac Gradient		15 Min		Spacers	5	Load and Breakdown		Total Job	74
Rates									
Circulating	NONE	Mixing	2	Displacement	2	Avg. Job			2
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					

*The Road to Excellence Starts with Safety*

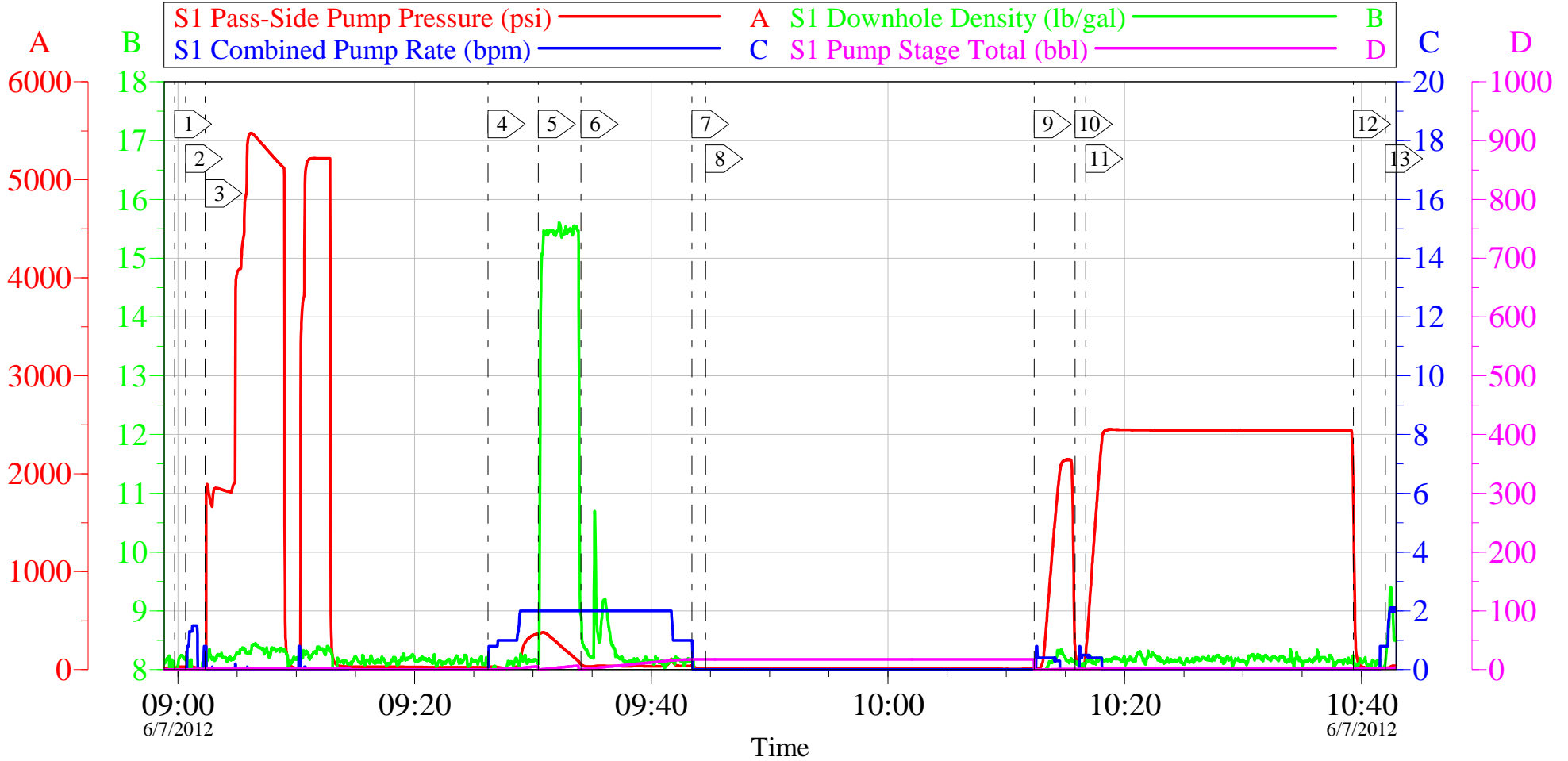
<b>Sold To #:</b> 300721	<b>Ship To #:</b> 2689589	<b>Quote #:</b>	<b>Sales Order #:</b> 9537388
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<b>Well Name:</b> GM		<b>Well #:</b> 522-6	<b>API/UWI #:</b> 05-045-16341
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<b>Legal Description:</b>			
<b>Lat:</b> N 39.469 deg. OR N 39 deg. 28 min. 10.142 secs.		<b>Long:</b> W 108.155 deg. OR W -109 deg. 50 min. 42.364 secs.	
<b>Contractor:</b> WORKOVER		<b>Rig/Platform Name/Num:</b> WORKOVER	
<b>Job Purpose:</b> Squeeze Perfs			<b>Ticket Amount:</b>
<b>Well Type:</b> Development Well		<b>Job Type:</b> Squeeze Perfs	
<b>Sales Person:</b> MAYO, MARK		<b>Srvc Supervisor:</b> MAGERS, MICHAEL	<b>MBU ID Emp #:</b> 339439

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	06/07/2012 01:00							
Pre-Convoy Safety Meeting	06/07/2012 03:00							HES ALL PRESENT
Crew Leave Yard	06/07/2012 03:10							HES ALL PRESENT
Arrive At Loc	06/07/2012 05:00							HES ARRIVED ON LOCATION 2 HRS EARLY/TIME STARTS AT 07:00
Assessment Of Location Safety Meeting	06/07/2012 05:10							LOCATION IN GOOD CONDITION
Pre-Rig Up Safety Meeting	06/07/2012 07:15							JSA ON RIGGING UP
Rig-Up Equipment	06/07/2012 07:30							1 PICKUP 1 ELITE 1 BODYLOAD
Safety Huddle	06/07/2012 08:45							RIG CREW AND HES ALL PRESENT
Start Job	06/07/2012 08:59							TOP PERF 5190' BOTTOM PERF-5447' BRIDGE PLUG-5530' 2 3/8" TUBING @ 5468' 4.5 CSG 11.6#
Other	06/07/2012 09:00		1	1			.0	FILL LINES
Pressure Test	06/07/2012 09:02		0.5	0.5			5220.0	PSI TEST OK
Pump Spacer 1	06/07/2012 09:26		2	5		35.0		FRESH WATER/GAIN CIRCULATION IN HOLE
Pump Cement	06/07/2012 09:30		2	6.1		160.0		SQUEEZECEM 30 SKS 15.8 PPG 1.15 FT3/SK 4.98 GAL/SK
Pump Displacement	06/07/2012 09:34		2	19.5		50.0		FRESH WATER
Shutdown	06/07/2012 09:43							

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Reverse Circ Well	06/07/2012 09:44		2	42				REVERSE CIRCULATION/RIG POOH 8 STANDS/RIG CIRCULATED 42 BBLS/ NO CEMENT IN RETURNS
Pressure Up Tubing	06/07/2012 10:12		0.5	0.75		2100.0		SQUEEZE CEMENT
Release Tubing Pressure	06/07/2012 10:15							RELEASED PRESSURE
Pressure Up Tubing	06/07/2012 10:16		0.5	0.75		2450.0		SQUEEZED CEMENT HELD FOR 20 MINUTES PER COMPANY REP
Release Tubing Pressure	06/07/2012 10:39					2450.0		RELEASED PRESSURE AT 2450 PSI/HELD PRESSURE
End Job	06/07/2012 10:42							THANKS FOR USING HES AND THE CREW OF MIKE MAGERS

# WPX GM 522-6

## BALANCE PLUG/SQUEEZE

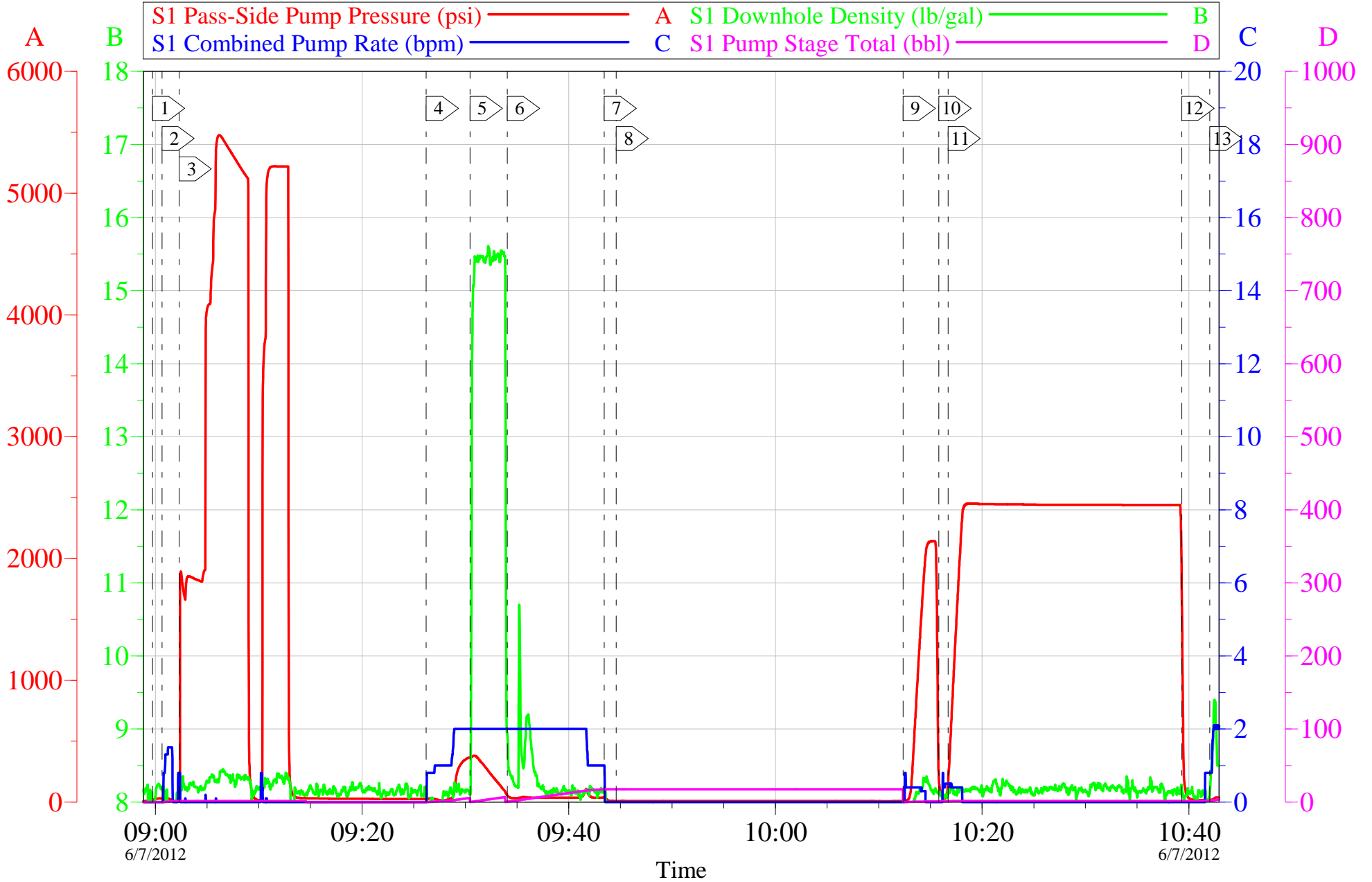


Local Event Log			
1	START JOB	08:59:44	2
			FILL LINE
			09:00:38
			3
			PRESSURE TEST
			09:02:18
4	PUMP SPACER	09:26:13	5
			PUMP CEMENT
			09:30:27
			6
			PUMP DISPLACEMENT
			09:34:03
7	SHUT DOWN	09:43:26	8
			REVERSE OUT/RIG
			09:44:35
			9
			SQUEEZE
			10:12:21
10	RELEASE PRESSURE	10:15:49	11
			SQUEEZE
			10:16:43
			12
			RELEASE PRESSURE
			10:39:20
13	END JOB	10:42:02	

Customer: WPX BASIC WORKOVER	Job Date: 07-Jun-2012	Sales Order #: 9537388
Well Description: GM 522-6	Job Type: BALANCE PLUG SQUEEZE	ADC Used: NO
Company Rep: JUSTIN SKALLA	Cement Supervisor: MIKE MAGERS	Elite # 7 ROB EICKHOFF

# WPX GM 522-6

## BALANCE PLUG/SQUEEZE



Customer: WPX BASIC WORKOVER	Job Date: 07-Jun-2012	Sales Order #: 9537388
Well Description: GM 522-6	Job Type: BALANCE PLUG SQUEEZE	ADC Used: NO
Company Rep: JUSTIN SKALLA	Cement Supervisor: MIKE MAGERS	Elite # 7 ROB EICKHOFF

OptiCem v6.4.10  
07-Jun-12 10:58

<b>Sales Order #:</b> 9537388	<b>Line Item:</b> 10	<b>Survey Conducted Date:</b> 6/7/2012
<b>Customer:</b> WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		<b>Job Type (BOM):</b> CMT SQUEEZE PERFORATIONS BOM
<b>Customer Representative:</b>		<b>API / UWI: (leave blank if unknown)</b> 05-045-16341
<b>Well Name:</b> GM		<b>Well Number:</b> 522-6
<b>Well Type:</b> Development Well	<b>Well Country:</b> United States of America	
<b>H2S Present:</b> No	<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	6/7/2012
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)	No
Customer Representative	Enter the Customer representative name	
HSE	Was our HSE performance satisfactory? Circle Y or N	
Equipment	Were you satisfied with our Equipment? Circle Y or N	
Personnel	Were you satisfied with our people? Circle Y or N	
Customer Comment	Customer's Comment	

<b>CUSTOMER SIGNATURE</b>
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<b>Well Type:</b> Development Well	<b>Well Country:</b> United States of America	
<b>H2S Present:</b> No	<b>Well State:</b> Colorado	<b>Well County:</b> Garfield

### KEY PERFORMANCE INDICATORS

General	
<b>Survey Conducted Date</b>	6/7/2012
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>	Vertical
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>	1.4
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>	Workover
Type Of Rig (classification) Job Was Performed On	
<b>Number Of JSAs Performed</b>	4
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

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<b>Customer Representative:</b>		<b>API / UWI: (leave blank if unknown)</b> 05-045-16341
<b>Well Name:</b> GM		<b>Well Number:</b> 522-6
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<b>H2S Present:</b> No	<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?	None
<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	100
<b>Was Automated Density Control Used?</b> Was Automated Density Control (ADC) Used ?	No
<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	100
<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