
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**SG 534-27
GRAND VALLEY
Garfield County , Colorado**

Cement Surface Casing
17-Jun-2012

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 300721	Quote #:	Sales Order #: 9588250
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Customer Rep: Moore, Frank		
Well Name: SG	Well #: 534-27	API/UWI #:	
Field: GRAND VALLEY	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: CHASTAIN, DERICK	MBU ID Emp #: 455848	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BROWN, TRAVIS A	5	396848	CHASTAIN, DERICK Allan	5	455848	PARKER, BRANDON	5	503646
WOLFE, JON P	5	485217						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10011429	60 mile	10867094	60 mile	10897925	60 mile	10951251	60 mile
11560046	60 mile	11808833	60 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
6/17/2012	5	2						

TOTAL Total is the sum of each column separately

Job

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	17 - Jun - 2012	09:00	MST
Form Type		BHST	Job Started	17 - Jun - 2012	12:17	MST
Job depth MD	1290. ft	Job Depth TVD	1290. ft	Job Completed	17 - Jun - 2012	13:07
Water Depth		Wk Ht Above Floor	3. ft	Departed Loc	17 - Jun - 2012	14:00
Perforation Depth (MD)	From	To				

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				.	1290.		
SURFACE CASING	Unknown		9.625	9.001	32.3		H-40	.	1279.2		

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 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

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		20.00	bbl	8.33	.0	.0	6			
2	VersaCem Lead	VERSACEM (TM) SYSTEM (452010)	190.0	sacks	12.3	2.38	13.77	8	13.77		
		13.77 Gal	FRESH WATER								
3	VersaCem Tail	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75	8	11.75		
		11.75 Gal	FRESH WATER								
4	Displacement Fluid		98.00	bbl	8.34	.0	.0	10			
Calculated Values		Pressures		Volumes							
Displacement	97.2	Shut In: Instant		Lost Returns	0	Cement Slurry	140.6	Pad			
Top Of Cement	SURFACE	5 Min		Cement Returns	25	Actual Displacement	97.2	Treatment			
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	260		
Rates											
Circulating	6	Mixing	8	Displacement	10	Avg. Job	8				
Cement Left In Pipe	Amount	44.4 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

Sold To #: 300721		Ship To #: 300721		Quote #:		Sales Order #: 9588250	
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS				Customer Rep: Moore, Frank			
Well Name: SG			Well #: 534-27			API/UWI #:	
Field: GRAND VALLEY		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: CHASTAIN, DERICK			MBU ID Emp #: 455848	

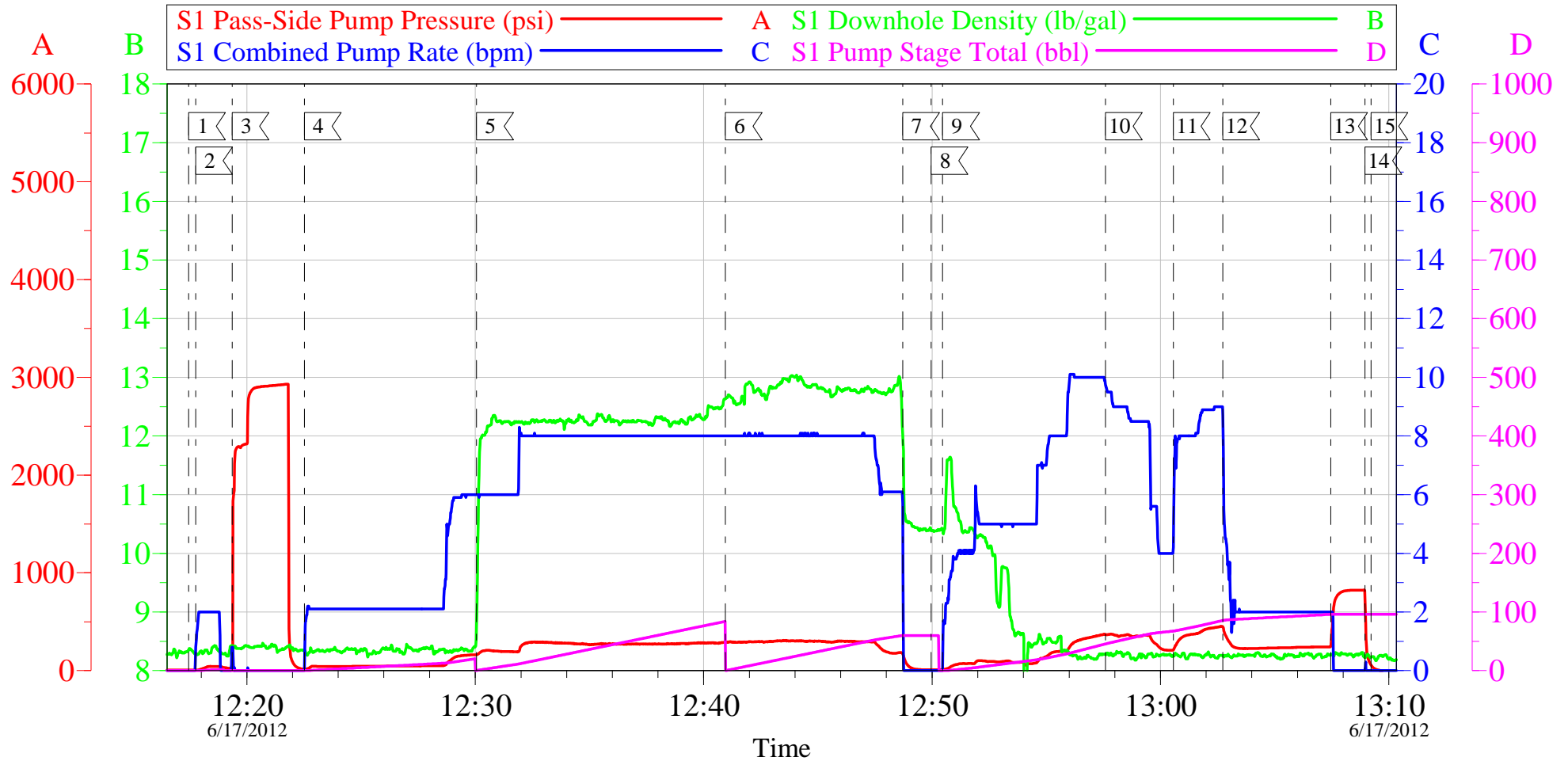
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	06/17/2012 05:10							DISPATCH CALLS OUT CREW.
Pre-Convoy Safety Meeting	06/17/2012 07:45							WITH ALL HES PERSONNEL
Arrive at Location from Service Center	06/17/2012 09:00							RIG RUNNING CASING
Assessment Of Location Safety Meeting	06/17/2012 09:15							WITH ALL HES PERSONNEL
Pre-Rig Up Safety Meeting	06/17/2012 10:00							WITH ALL HES PERSONNEL
Rig-Up Equipment	06/17/2012 10:15							1 ELITE HT 400 PUMP, 1 660 BULK TRUCK, 1 BULK BODYLOAD, 1 F-450 PICK-UP, 1 PLUG CONTAINER, 2" IRON TO STAND PIPE
Circulate Well	06/17/2012 11:00							CASING ON BOTTOM, RIG CIRCULATES USING HES PLUG CONTAINER, CIRC. 1 HR, 6 BPM, 130 PSI. MUD 10 PPG
Pre-Job Safety Meeting	06/17/2012 12:00							WITH ALL HES PERSONNEL, RIG CREW AND CO REP
Start Job	06/17/2012 12:17							TD 1290', TP 1279.2', FC 1234.8', SJ 44.4', OH 13.5", SURFACE CASING 9.625" 32.3# H-40.
Pump Water	06/17/2012 12:17		2	2			48.0	FILL LINES
Test Lines	06/17/2012 12:19							STAGED TEST AT 2130 PSI, THEN TESTED TO 2922 PSI. HELD PSI 2 MIN, NO LEAKS

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer 1	06/17/2012 12:22			20			160.0	FRESH H2O
Pump Lead Cement	06/17/2012 12:30		8	80.5			290.0	190 SKS 12.3 PPG 2.38 FT3/SK 13.75 GAL/SK. WET AND DRY SAMPLES SUBMITTED
Pump Tail Cement	06/17/2012 12:40		8	60.1			300.0	160 SKS 12.8 PPG 2.11 FT3/SK 11.75 GAL/SK. WET AND DRY SAMPLES SUBMITTED
Shutdown	06/17/2012 12:48							WASH UP ON TOP OF PLUG
Drop Top Plug	06/17/2012 12:49							VERIFY PLUG LAUNCHED
Pump Displacement	06/17/2012 12:50		10	97.2			345.0	CMT RETURNS 72.2 BBLS INTO DIS, 25 BBLS TO SURFACE
Slow Rate	06/17/2012 12:57							NOT PULLING ON WATER AS FAST AS WE WERE PUMPING.
Other	06/17/2012 13:00							INCREASE RATE AFTER APPLYING AIR PRESSURE TO OILER AND PULLING ON GOOD 4X4 RATE.
Slow Rate	06/17/2012 13:02		2	87			244.0	SLOW RATE 10 BBLS PRIOR TO CALCULATED DISPLACEMENT
Bump Plug	06/17/2012 13:07		2	97.2			820.0	BUMP PLUG HOLD 2 MINS
Check Floats	06/17/2012 13:08							FLOATS HOLDING, GOOD RETURNS THROUGHOUT JOB
End Job	06/17/2012 13:09							NO ADD HOURS OR DERRICK CHARGE. 100 LBS SUGAR USED
Pre-Rig Down Safety Meeting	06/17/2012 13:15							WITH ALL HES PERSONNEL
Rig-Down Equipment	06/17/2012 13:20							
Pre-Convoy Safety Meeting	06/17/2012 13:55							WITH ALL HES PERSONNEL
Crew Leave Location	06/17/2012 14:00							LEFT LOCATION FREE OF DEBRESS
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Comment	06/17/2012 14:00							THANK YOU FOR CHOOSING HALLIBURTON. DERICK CHASTAIN AND CREW
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WPX ENERGY - SG 534-27

9 5/8" PRODUCTION CASING



Local Event Log

1 START JOB	12:17:27	2 FILL LINES	12:17:45	3 TEST LINES	12:19:21
4 PUMP H2O SPACER	12:22:31	5 PUMP LEAD CEMENT	12:30:03	6 PUMP TAIL CEMENT	12:40:57
7 SHUTDOWN	12:48:43	8 DROP TOP PLUG	12:49:57	9 PUMP DISPLACEMENT	12:50:28
10 SLOW RATE	12:57:35	11 INCREASE RATE	13:00:34	12 SLOW RATE	13:02:43
13 BUMP PLUG	13:07:27	14 CHECK FLOATS	13:08:57	15 END JOB	13:09:13

Customer: WPX ENERGY
Well Description: SG 534-27
Company Rep: FRANK MOORE

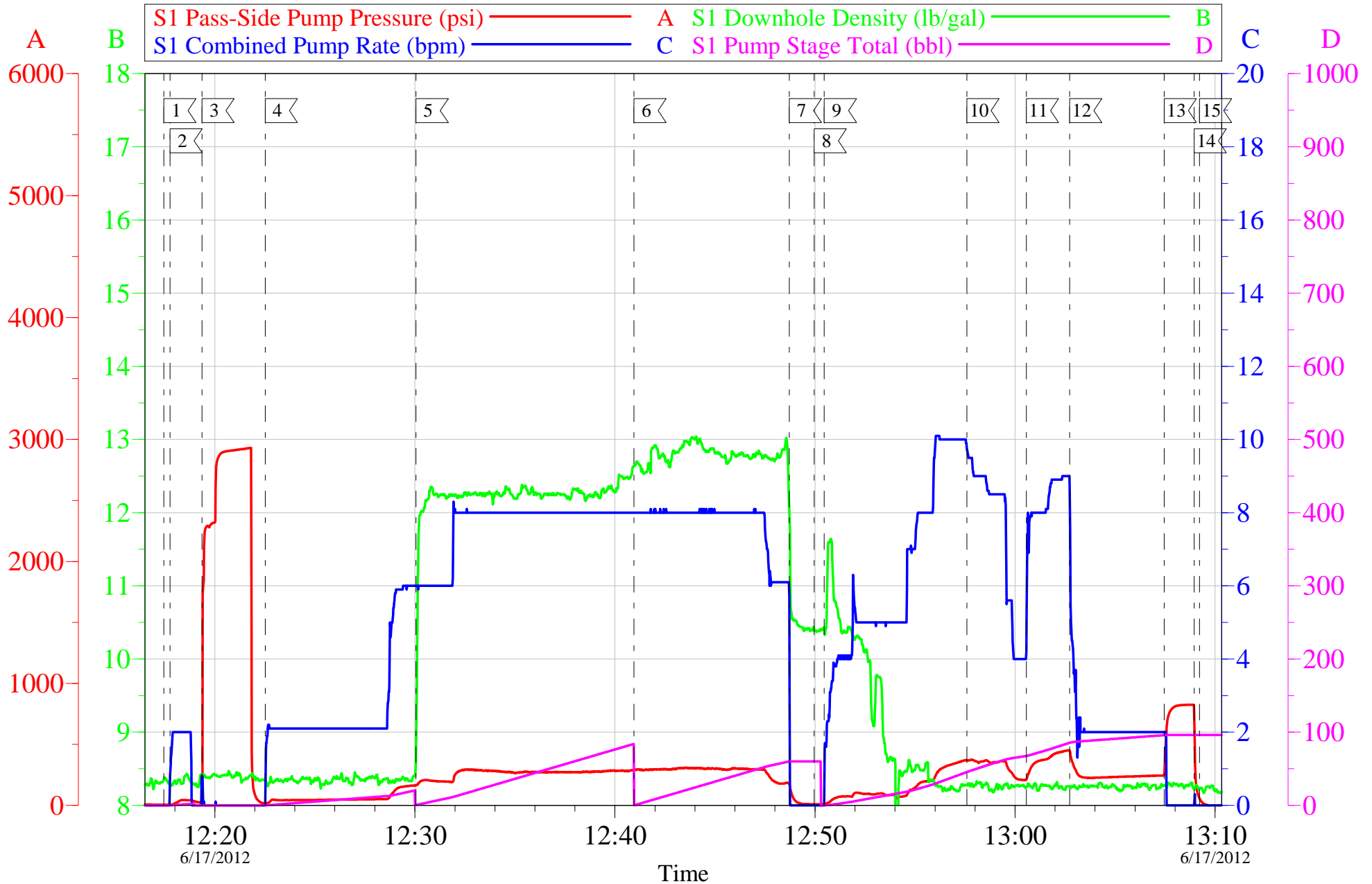
Job Date: 17-Jun-2012
Job Type: SURFACE
Cement Supervisor: DERICK CHASTAIN

Sales Order #: 9588250
ADC Used: YES
Elite #5: TRAVIS BROWN

OptiCem v6.4.10
17-Jun-12 13:19

WPX ENERGY - SG 534-27

9 5/8" PRODUCTION CASING



Customer:	WPX ENERGY	Job Date:	17-Jun-2012	Sales Order #:	9588250
Well Description:	SG 534-27	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	FRANK MOORE	Cement Supervisor:	DERICK CHASTAIN	Elite #5:	TRAVIS BROWN

OptiCem v6.4.10
17-Jun-12 13:18

Sales Order #: 9588250	Line Item: 10	Survey Conducted Date: 6/17/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: FRANK MOORE		API / UWI: (leave blank if unknown) AFEYCY1EI5J2OKJPAAA
Well Name: SG		Well Number: 534-27
Well Type: Development Well	Well Country: United States of America	
H2S Present:	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	6/17/2012
Survey Interviewer	The survey interviewer is the person who initiated the survey.	DERICK CHASTAIN (HB23225)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	FRANK MOORE
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	

CUSTOMER SIGNATURE

Sales Order #: 9588250	Line Item: 10	Survey Conducted Date: 6/17/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: FRANK MOORE		API / UWI: (leave blank if unknown) AFEYCY1EI5J2OKJPAAA
Well Name: SG		Well Number: 534-27
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	6/17/2012

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.	2
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	8
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 #: 9588250	Line Item: 10	Survey Conducted Date: 6/17/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: FRANK MOORE		API / UWI: (leave blank if unknown) AFEYCY1EI5J2OKJPAAA
Well Name: SG		Well Number: 534-27
Well Type: Development Well	Well Country: United States of America	
H2S Present:	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	90
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	90
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