
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**PA 13-29
Parachute
Garfield County , Colorado**

Cement Surface Casing
05-Mar-2012

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2910750	Quote #:	Sales Order #: 9303608
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Wilson, W.C	
Well Name: PA	Well #: 13-29	API/UWI #: 05-045-19525	
Field: Parachute	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.49 deg. OR N 39 deg. 29 min. 23.662 secs.		Long: W 108.023 deg. OR W -109 deg. 58 min. 36.865 secs.	
Contractor: NABORS 577		Rig/Platform Name/Num: NAB 577	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc 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 #
DEUSSEN, EDWARD Eric	15.5	485182	EICKHOFF, ROBERT Edward	15.5	495311	MAGERS, MICHAEL Gerard	15.5	339439
WADE, LOGAN D	15.5	488896						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10001431	60 mile	10025118	60 mile	10567589C	60 mile	10969711	60 mile
11259886	60 mile	11360881	60 mile	11808829	60 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
03/05/2012	11.5	0	03/06/2012	4	2.5			

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Date	Time	Time Zone
Formation Depth (MD) Top Bottom	Called Out	05 - Mar - 2012	07:00 MST
Form Type BHST	On Location	05 - Mar - 2012	12:30 MST
Job depth MD 2378. ft Job Depth TVD 2378. ft	Job Started	06 - Mar - 2012	02:18 MST
Water Depth Wk Ht Above Floor 3. ft	Job Completed	06 - Mar - 2012	03:38 MST
Perforation Depth (MD) From To	Departed Loc	06 - Mar - 2012	04:30 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
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			
Stage Tool										Centralizers	9.625	1	HES

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	

1	Fresh Water		20.00	bbl	8.33	.0	.0	.0	
2	VersaCem Lead	VERSACEM (TM) SYSTEM (452010)	450.0	sacks	12.3	2.38	13.75		13.75
	13.75 Gal	FRESH WATER							
3	VersaCem Tail	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75		11.75
	11.75 Gal	FRESH WATER							
4	Displacement Fluid		183.00	bbl	8.34	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	183	Shut In: Instant		Lost Returns	0	Cement Slurry	251	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	30	Actual Displacement	183	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	454
Rates									
Circulating	RIG	Mixing	8	Displacement	10	Avg. Job			8
Cement Left In Pipe	Amount	43.6 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

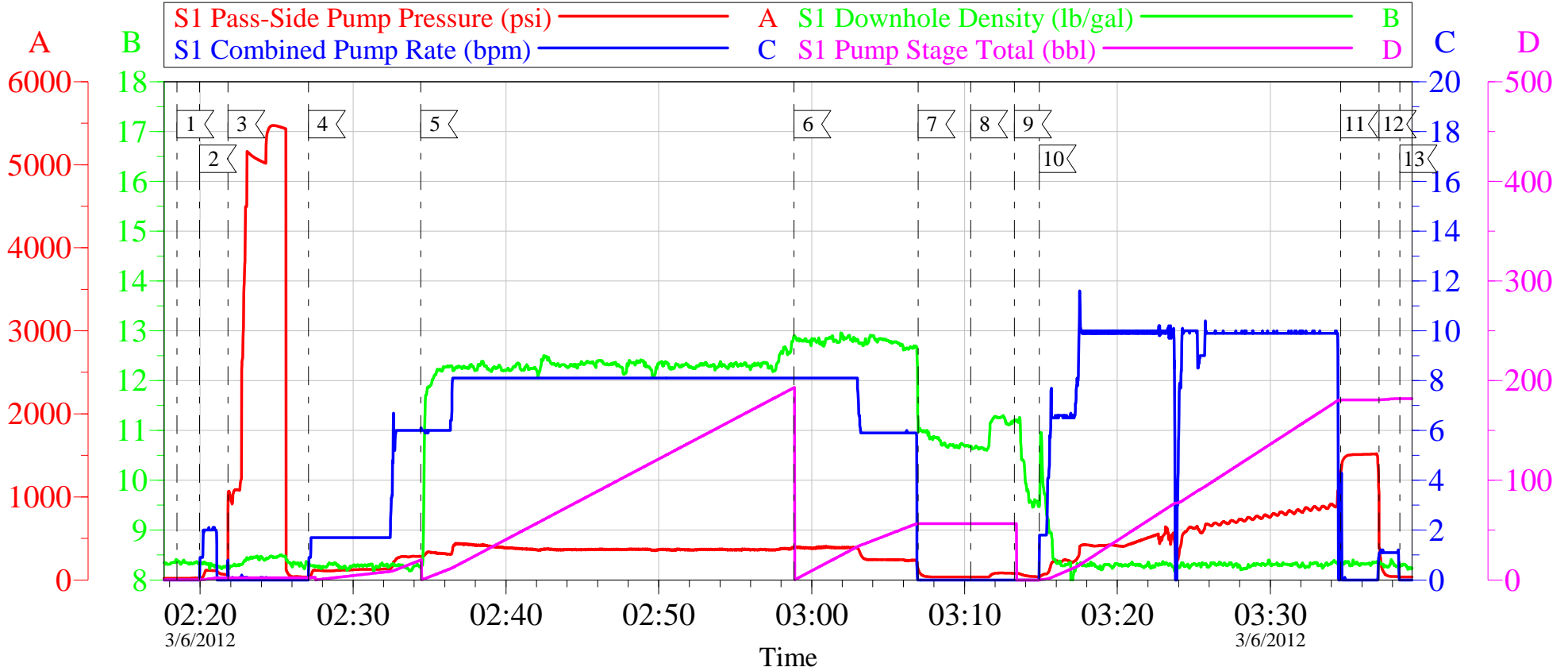
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Field: Parachute	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
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Contractor: NABORS 577		Rig/Platform Name/Num: NAB 577	
Job Purpose: Cement Surface Casing			Ticket 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	03/05/2012 08:00							
Crew Leave Yard	03/05/2012 11:00							
Arrive At Loc	03/05/2012 12:30							RIG WAS PULLING DRILL PIPE WHEN HES ARRIVED/PER COMPANY REP EQUIPMENT STAYED OFF LOCATION TILL NEEDED FOR THE JOB/RIG CIRCULATED THROUGH PLUG CONTAINER WHILE HES RIGGED UP
Assessment Of Location Safety Meeting	03/05/2012 12:40							MUDDY TIGHT LOCATION/
Pre-Rig Up Safety Meeting	03/06/2012 00:50							WITH ALL HES PERSONNEL
Rig-Up Equipment	03/06/2012 01:00							1 ELITE 1 PICKUP 2 BULK TRUCKS
Pre-Job Safety Meeting	03/06/2012 02:00							WITH ALL PERSONNEL ON LOCATION
Start Job	03/06/2012 02:18							TD-2378 TP-2366 SJ-43.6 MW-10.1 CSG-9/58 32..3 OH-13 1/2"
Other	03/06/2012 02:19		2	2			117.0	FILL LINES WITH FRESH WATER
Test Lines	03/06/2012 02:21		0.5	0.5			5310.0	PSI TEST OK
Pump Spacer 1	03/06/2012 02:27		3	20			260.0	FRESH WATER
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Pump Lead Cement	03/06/2012 02:34		8	191			425.0	VERSACEM 450 SKS 12.3 PPG 2.38 FT3/SK 13.75 GAL/SK
Pump Tail Cement	03/06/2012 02:58		8	60			400.0	VERSACEM 160 SKS 12.8 PPG 2.11 FT3/SK 11.75 GAL/SK
Shutdown	03/06/2012 03:06							
Drop Top Plug	03/06/2012 03:13							PLUG LAUNCHED
Pump Displacement	03/06/2012 03:14		10	183			874.0	FRESH WATER/USED 100 LBS OF SUGAR
Bump Plug	03/06/2012 03:34		2	183				PLUG BUMPED/GOT 30 BBLs OF CEMENT TO SURFACE
Check Floats	03/06/2012 03:37			183			1100. 0	FLOATS HELD/GOT 1 BBL BACK
End Job	03/06/2012 03:38							HAD GOOD CIRCULATION THROUGHOUT JOB/THANKS FOR USING HES AND THE CREW OF MIKE MAGERS

WPX NABORS 577 PA 13-29

9.625 SURFACE



Local Event Log

1	START JOB	02:18:29	2	FILL LINES	02:19:57
3	PRESSURE TEST	02:21:49	4	PUMP SPACER	02:27:05
5	PUMP LEAD CEMENT	02:34:26	6	PUMP TAIL CEMENT	02:58:50
7	SHUT DOWN	03:06:58	8	WASH UP ON TOP OF PLUG	03:10:24
9	DROP PLUG	03:13:16	10	PUMP FRSH WTR DISPLACEMENT	03:14:54
11	BUMP PLUG	03:34:37	12	CHECK FLOATS	03:37:07
13	END JOB	03:38:29			

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Customer Rep: W C WILSON

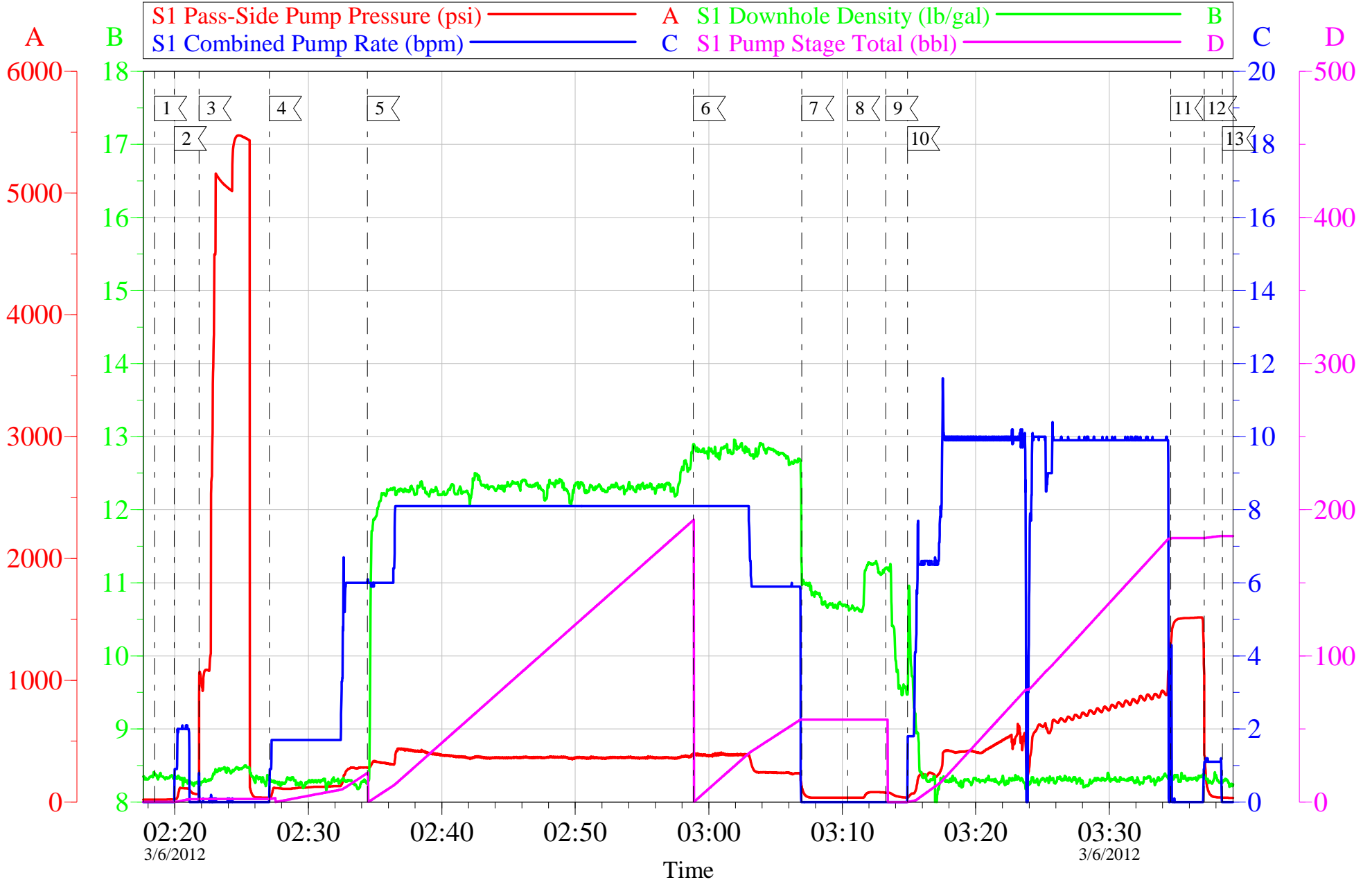
Job Date: 06-Mar-2012
Job Type: SURFACE
Cement Supervisor: MIKE MAGERS

Sales Order #: 9303608
ADC Used: YES
Elite #3: ED DEUSSEN

OptiCem v6.4.10
06-Mar-12 03:59

WPX NABORS 577 PA 13-29

9.625 SURFACE



Customer: WPX NABORS 577
 Well Description: PA 13-29
 Customer Rep: W C WILSON

Job Date: 06-Mar-2012
 Job Type: SURFACE
 Cement Supervisor: MIKE MAGERS

Sales Order #: 9303608
 ADC Used: YES
 Elite #3: ED DEUSSEN

OptiCem v6.4.10
 06-Mar-12 04:00

Sales Order #: 9303608	Line Item: 10	Survey Conducted Date: 3/6/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: W C WILSON		API / UWI: (leave blank if unknown) 05-045-19525
Well Name: PA		Well Number: 13-29
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	3/6/2012
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	W C WILSON
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

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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	3/6/2012
The date the survey was conducted	

Cementing KPI Survey	
Type of Job	0
Select the type of job. (Cementing or Non-Cementing)	
Select the Maximum Deviation range for this Job	Vertical
What is the highest deviation for the job you just completed? This may not be the maximum well deviation.	
Total Operating Time (hours)	4
Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.	
HSE Incident, Accident, Injury	No
HSE Incident, Accident, Injury. This should be recordable incidents only.	
Was the job purpose achieved?	Yes
Was the job delivered correctly as per customer agreed design?	
Operating Hours (Pumping Hours)	2
Total number of hours pumping fluid on this job. Enter in decimal format.	
Customer Non-Productive Rig Time (hrs)	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.	
Type of Rig Classification Job Was Performed	Drilling Rig (Portable)
Type Of Rig (classification) Job Was Performed On	
Number Of JSAs Performed	4
Number Of Jsas Performed	
Number of Unplanned Shutdowns	0
Unplanned shutdown is when injection stops for any period of time.	
Was this a Primary Cement Job (Yes / No)	Yes

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Customer Representative: W C WILSON		API / UWI: (leave blank if unknown) 05-045-19525
Well Name: PA		Well Number: 13-29
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	94
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	94
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