
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**PA 12-29
PARACHUTE
Garfield County , Colorado**

Cement Surface Casing
27-Apr-2012

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 300721	Quote #:	Sales Order #: 9431035
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Wilson, W.C.	
Well Name: PA		Well #: 12-29	API/UWI #: 05-045-19550
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.49 deg. OR N 39 deg. 29 min. 23.809 secs.		Long: W 108.023 deg. OR W -109 deg. 58 min. 36.307 secs.	
Contractor: NABORS 577		Rig/Platform Name/Num: NABORS 577	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor: KUKUS, CHRISTOPHER	MBU ID Emp #: 413952

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HYDE, DUSTIN C	6	453940	KUKUS, CHRISTOPHER A	6	413952	MILLER II, MATTHEW Reginald	6	425164
SMITH, DUSTIN Michael	6	418015						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10867094	60 mile	10872429	60 mile	10897925	60 mile	11259883	60 mile
11749220	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
04/27/2012	6	3						
TOTAL	<i>Total is the sum of each column separately</i>							

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	27 - Apr - 2012	06:00	MST
Form Type		BHST	Job Started	27 - Apr - 2012	10:00	MST
Job depth MD	2640. ft	Job Depth TVD	2640. ft	Job Completed	27 - Apr - 2012	13:03
Water Depth		Wk Ht Above Floor	5. ft	Departed Loc	27 - Apr - 2012	14:28
Perforation Depth (MD)	<i>From</i>	<i>To</i>			27 - Apr - 2012	16:00

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				.	2640.		
SURFACE CASING	New		9.625	9.001	32.3		J-55	.	2622.1		

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 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

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	2	
2	VersaCem Lead	VERSACEM (TM) SYSTEM (452010)	450.0	sacks	12.3	2.38	13.75	7	13.75
	13.75 Gal	FRESH WATER							
3	VersaCem Tail	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75	7	11.75
	11.75 Gal	FRESH WATER							
4	Displacement Fluid		202.00	bbl	8.33	.0	.0	10	
Calculated Values		Pressures		Volumes					
Displacement	202.8	Shut In: Instant		Lost Returns	0	Cement Slurry	250.8	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	60	Actual Displacement	202.8	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	473.6
Rates									
Circulating		Mixing	7	Displacement	10	Avg. Job			8
Cement Left In Pipe	Amount	44.03 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

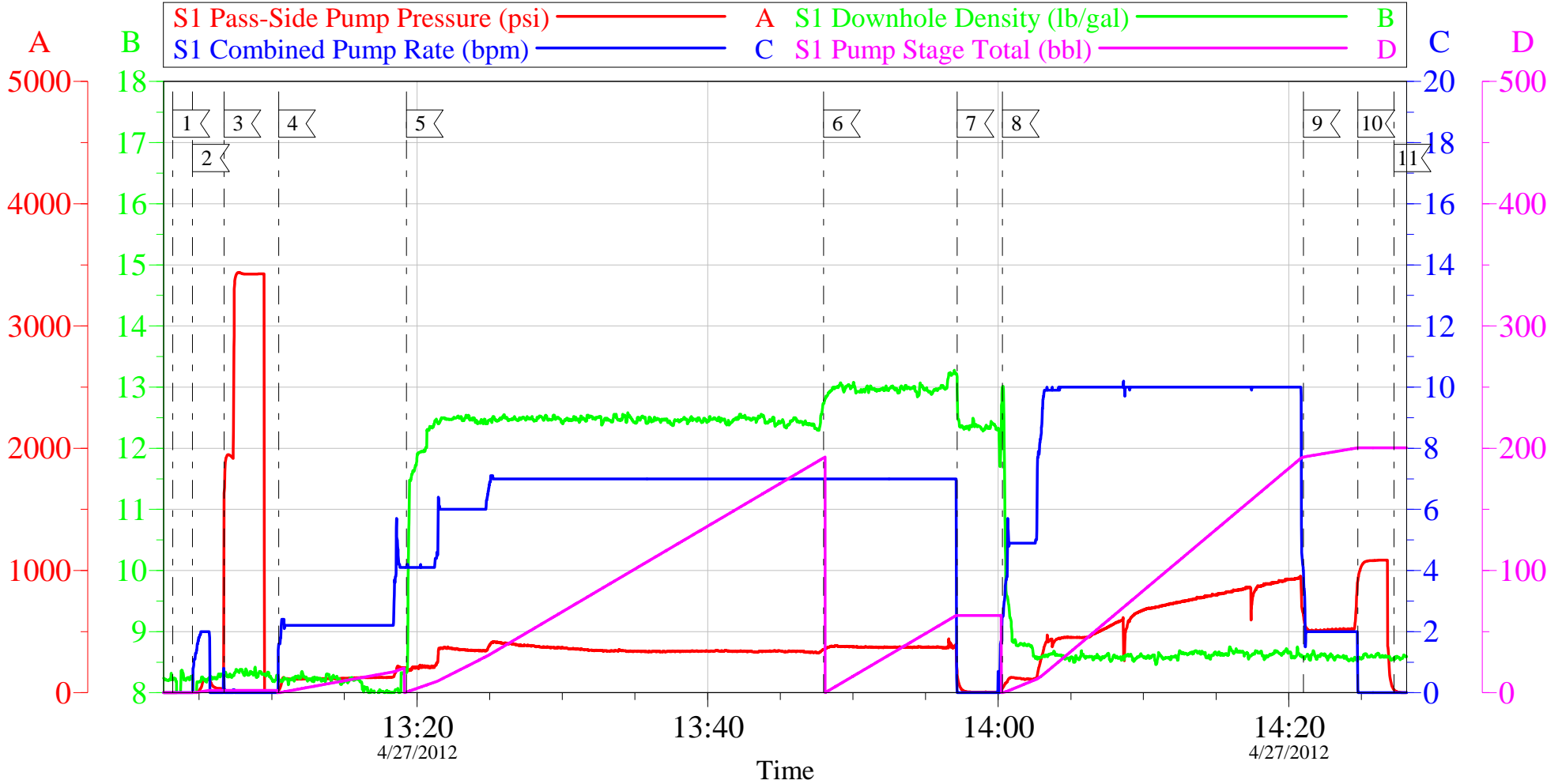
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Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
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Contractor: NABORS 577		Rig/Platform Name/Num: NABORS 577	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor: KUKUS, CHRISTOPHER	MBU ID Emp #: 413952

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/27/2012 06:00							ELITE # 7
Depart Yard Safety Meeting	04/27/2012 08:30							ALL HES EMPLOYEES
Arrive At Loc	04/27/2012 10:00							RIG RUNNING CASING HES CREW ARRIVED 1 HOUR EARLY DID NOT START CHARGE HOURS TILL ON LOCATION TIME
Assessment Of Location Safety Meeting	04/27/2012 11:10							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	04/27/2012 11:15							ALL HES EMPLOYEES
Rig-Up Equipment	04/27/2012 11:30							1 F-550 PICKUP 1 HT- 400 PUMP TRUCK 1 SILO 1 660 BULK TRUCK
Pre-Job Safety Meeting	04/27/2012 12:50							ALL HES EMPLOYEES AND RIG CREW
Start Job	04/27/2012 13:03							TD: 2640 TP: 2622.1 SJ: 44.03 CSG: 9 5/8 32.3# OH: 13 1/2 MUD WT 10.4
Test Lines	04/27/2012 13:06					3424. 0		PRESSURE TEST OK
Pump Spacer	04/27/2012 13:10		2	20	20		200.0	FRESH WATER SPACER
Pump Lead Cement	04/27/2012 13:19		7	190.7	190.7		376.0	450 SKS 12.3 PPG 2.11 YEILD 13.75 GAL / SK LEAD CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT LEAD CEMENT

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Tail Cement	04/27/2012 13:47		7	60.1	60.1		375.0	160 SKS 12.8 PPG 2.11 YEILD 11.75 GAL / SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT
Shutdown	04/27/2012 13:57							
Drop Plug	04/27/2012 13:58							PLUG AWAY NO PROBLEMS WASHED UP ON TOP OF PLUG AS PER COMPANY REP
Pump Displacement	04/27/2012 14:00		10	202.8	202.8		560.0	FRESH WATER
Slow Rate	04/27/2012 14:21		2	192.8	192.8		940.0	SLOW RATE TO BUMP PLUG
Bump Plug	04/27/2012 14:24		2	202.8	202.8		560.0	BUMP PLUG @ 560 AND TOOK PRESSURE UP TO 1086 PSI
Check Floats	04/27/2012 14:27							FLOATS HELD 1 BBL BACK TO DISPLACEMENT TANKS
End Job	04/27/2012 14:28							60 BBLS OF CEMENT BACK TO SURFACE
Pre-Rig Down Safety Meeting	04/27/2012 14:40							ALL HES EMPLOYEES
Rig-Down Equipment	04/27/2012 15:00							
Pre-Convoy Safety Meeting	04/27/2012 15:45							ALL HES EMPLOYEES
Crew Leave Location	04/27/2012 16:00							THANKS FOR USING HALLIBURTON CEMENT CHRIS KUKUS AND CREW

WPX - PA 12-29

4.5 PRODUCTION

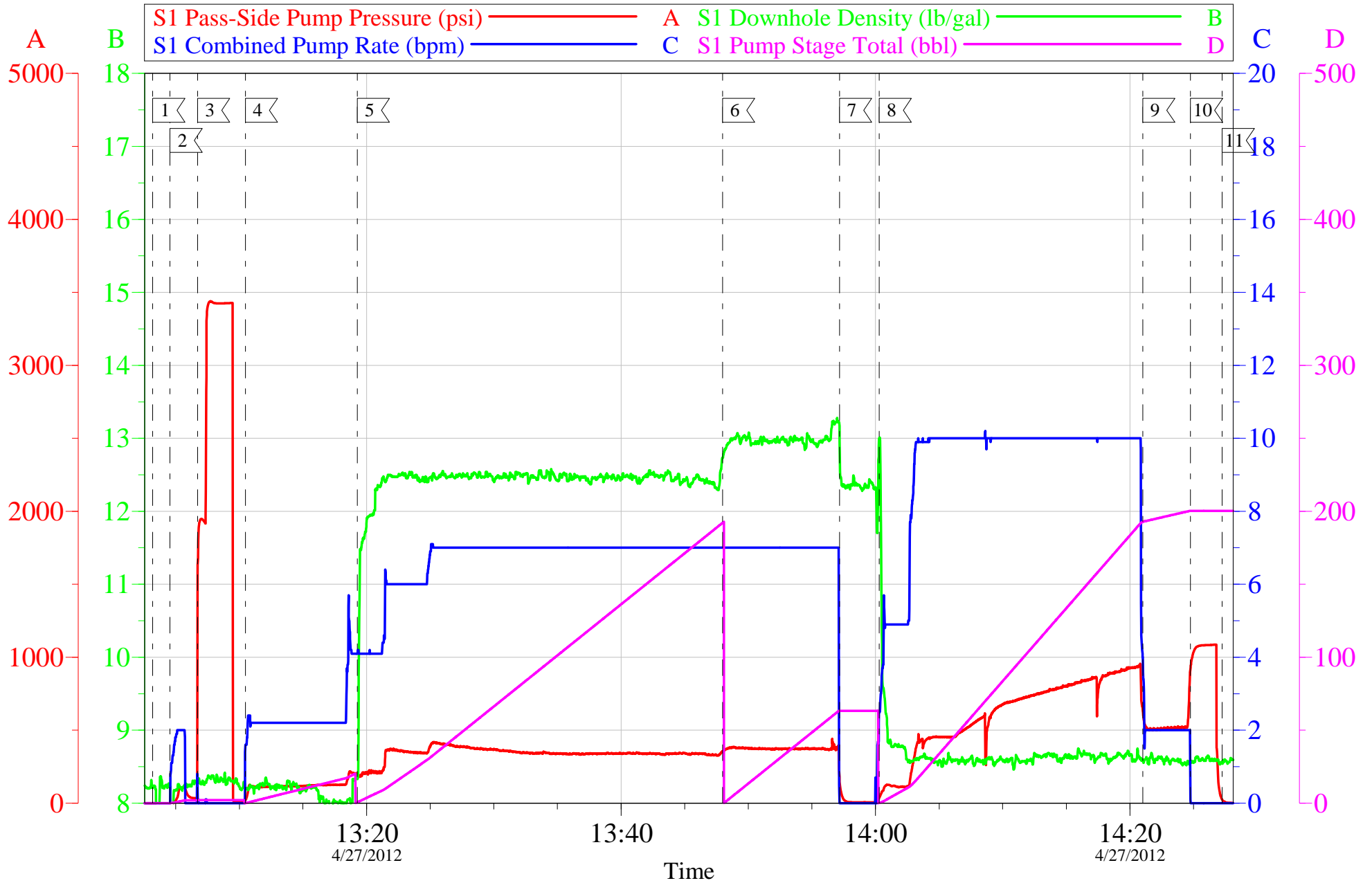


1	START JOB	13:03:12	2	FILL LINES	13:04:33	3	PRESSURE TEST	13:06:43
4	PUMP SPACER	13:10:28	5	PUMP LEAD CEMENT	13:19:16	6	PUMP TAIL CEMENT	13:47:59
7	SHUT DOWN / DROP PLUG	13:57:10	8	PUMP DISPLACEMENT	14:00:17	9	SLOW RATE	14:21:00
10	BUMP PLUG	14:24:46	11	CHECK FLOATS / END JOB	14:27:15			

Customer: WPX	Job Date: 27-Apr-2012	Sales Order #: 9431035
Well Description: PA 12-29	Job Type: PRODUCTION	ADC Used: YES
Company Rep: WC WILSON	Cement Supervisor: CHRIS KUKUS	Elite # 7: REGGIE MILLER

WPX - PA 12-29

4.5 PRODUCTION



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Well Description: PA 12-29	Job Type: PRODUCTION	ADC Used: YES
Company Rep: WC WILSON	Cement Supervisor: CHRIS KUKUS	Elite # 7: REGGIE MILLER

HALLIBURTON

Water Analysis Report

Company: WPX

Date: 4/27/2012

Submitted by: CHRIS KUKUS

Date Rec.: 4/27/2012

Attention: J. TROUT/C.MARTINEZ

S.O.# 9431035

Lease PA

Job Type: SURFACE

Well # 41272

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	7
Potassium (K)	<i>5000</i>	0 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>	45 Deg
Total Dissolved Solids		200 Mg / L

Respectfully: CHRIS KUKUS

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

Sales Order #: 9431035	Line Item: 10	Survey Conducted Date: 4/27/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: WC WILSON		API / UWI: (leave blank if unknown) 05-045-19550
Well Name: PA		Well Number: 12-29
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	4/27/2012
Survey Interviewer	The survey interviewer is the person who initiated the survey.	CHRISTOPHER KUKUS (HX35027)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	WC 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	4/27/2012
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)	3
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	6
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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Well Name: PA		Well Number: 12-29
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	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