
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**SG 43-23
GRAND VALLEY
Garfield County , Colorado**

Cement Surface Casing **14-Mar-2013**

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2985231	Quote #:	Sales Order #: 900271174
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Customer Rep: Duniho, Al		
Well Name: SG	Well #: 43-23	API/UWI #: 05-045-21693	
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.419 deg. OR N 39 deg. 25 min. 8.9 secs.	Long: W 108.07 deg. OR W -109 deg. 55 min. 46.459 secs.		
Contractor: CYCLONE 17	Rig/Platform Name/Num: CYCLONE 17		
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 #
GOWEN, WESLEY M	7	496205	KUKUS, CHRISTOPHER A	7	413952	ROSE, BENJAMIN Keith	7	487022

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10296152C	60 mile	10565341	60 mile	10973571	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
03/14/2013	6	1	03/15/2013	1	1			
TOTAL	Total is the sum of each column separately							

Job

Formation Name	Job	Job Times	Date	Time	Time Zone
Formation Depth (MD)	Top	Bottom	Called Out	14 - Mar - 2013	15:00 MST
Form Type	BHST	On Location	14 - Mar - 2013	18:00	MST
Job depth MD	1160. ft	Job Depth TVD	1160. ft	Job Started	14 - Mar - 2013
Water Depth		Wk Ht Above Floor	5. ft	Job Completed	14 - Mar - 2013
Perforation Depth (MD)	From	To	Departed Loc	15 - Mar - 2013	01:00 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				.	1160.		
SURFACE CASING	New		9.625	9.001	32.3		I-80	.	1017.5		

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	9 5/8	1		1017.4	Bridge Plug					Bottom Plug			
Float Collar	9 5/8	1		970.7	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 Spacer		20.00	bbl	8.33	.0	.0	4	
2	Tail Cement	VERSACEM (TM) SYSTEM (452010)	280.0	sacks	12.8	2.11	11.75	7	11.75
3	Fresh Water Displacement		76.00	bbl	8.33	.0	.0	10	
Calculated Values		Pressures		Volumes					
Displacement	76.4	Shut In: Instant		Lost Returns	0	Cement Slurry	105.2	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	25	Actual Displacement	76.4	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	201.6
Rates									
Circulating		Mixing	7	Displacement	10	Avg. Job			7
Cement Left In Pipe	Amount	46.7 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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Well Name: SG			Well #: 43-23			API/UWI #: 05-045-21693	
Field: GRAND VALLEY		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Legal Description:							
Lat: N 39.419 deg. OR N 39 deg. 25 min. 8.9 secs.				Long: W 108.07 deg. OR W -109 deg. 55 min. 46.459 secs.			
Contractor: CYCLONE 17			Rig/Platform Name/Num: CYCLONE 17				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: MAYO, MARK			Srv 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	03/14/2013 15:00							ELITE # 9
Depart Yard Safety Meeting	03/14/2013 17:00							ALL HES EMPLOYEES
Arrive At Loc	03/14/2013 18:00							RIG PULLING DRILL PIPE HES CREW ARRIVED 1 HOUR LATE DUE TO CREW TAKING 10 OFF AND WAS ASKED TO SPOT EQUIPMENT AND RIG UP PER CO REP REQUEST
Assessment Of Location Safety Meeting	03/14/2013 18:30							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	03/14/2013 18:50							ALL HES EMPLOYEES
Rig-Up Equipment	03/14/2013 19:00							1 F-550 PICKUP 1 HT-400 PUMP TRUCK 1 660 BULK TRUCK IRON TO STAND PIPE, SUCTION HOSE TO FRESH WATER SUPPLY, BULK HOSE TO BULK TRUCK
Pre-Job Safety Meeting	03/14/2013 22:34							ALL HES EMPLOYEES AND RIG CREW
Start Job	03/14/2013 22:55							TD: 1060 TP: 1017.48 SJ: 46.7 CSG: 9 5/8 32.3# OH: 13 1/2 MUD WT 10 VISC: 70 RIG WILL CIRCULATE 1 HOUR BEFORE CEMENT JOB

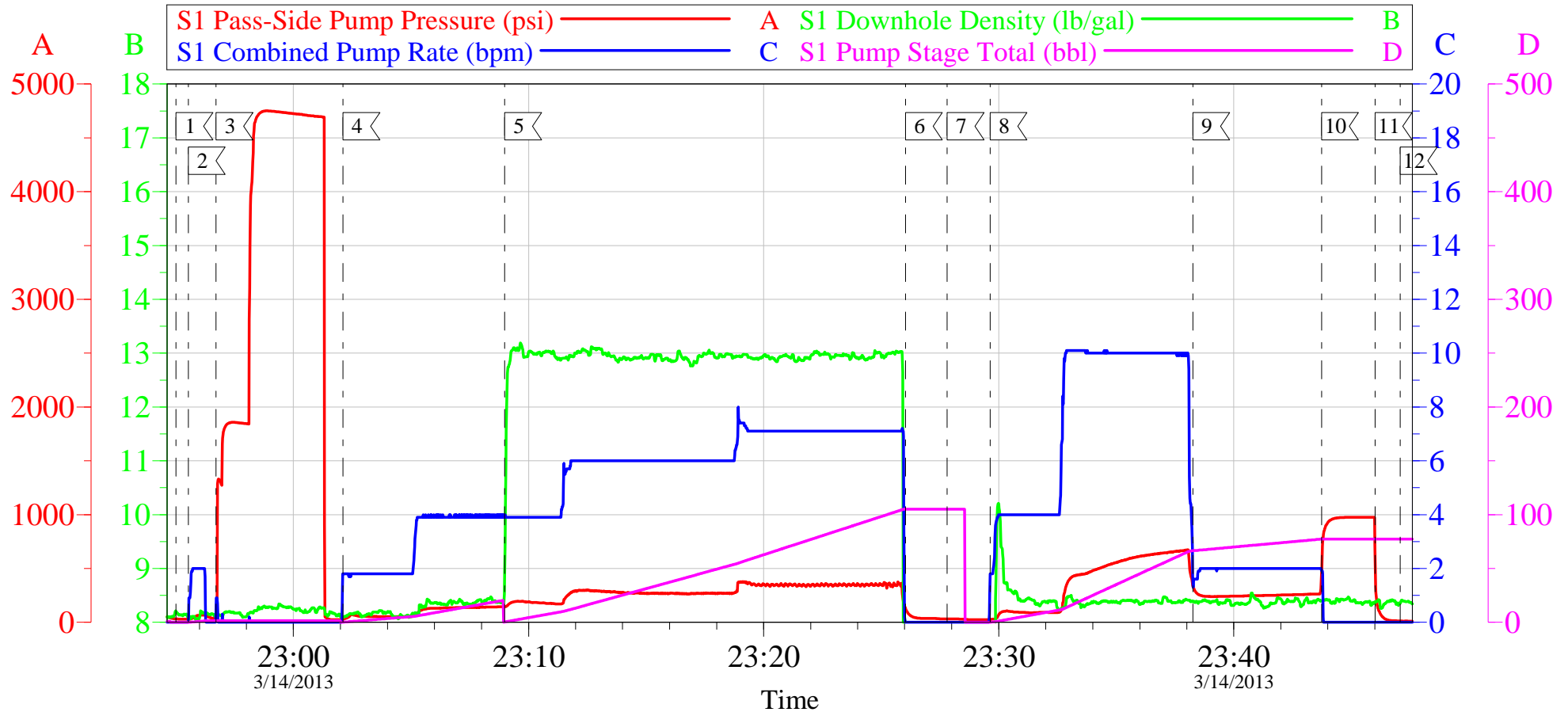
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Test Lines	03/14/2013 22:56					4750.0		PRESSURE TEST OK
Pump Spacer	03/14/2013 23:02		4	20	20		143.0	FRESH WATER SPACER
Pump Tail Cement	03/14/2013 23:08		7	105.2	105.2		360.0	280 SKS 12.8 PPG 2.11 YEILD 11.75 GAL / SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGH OUT TAIL CEMENT
Shutdown	03/14/2013 23:26							SHUTDOWN END OF CEMENT, READY TUB FOR DISPLACEMENT
Drop Plug	03/14/2013 23:27							PLUG AWAY NO PROBLEMS
Pump Displacement	03/14/2013 23:29		10	66.4	66.4		671.0	FRESH WATER DISPLACEMENT HES WASHED UP ON TOP OF PLUG PER CO-REP REQUEST
Slow Rate	03/14/2013 23:38		2	10	10		241.0	SLOW RATE TO BUMP PLUG
Bump Plug	03/14/2013 23:43		2	76.4	76.4		260.0	BUMP PLUG @ 260 AND TOOK PRESSURE UP TO 975 PSI
Check Floats	03/14/2013 23:46							FLOATS HELD .5 BBL BACK TO DISPLACEMENT TANKS
End Job	03/14/2013 23:47							WELL HAD GOOD CIRCULATION THROUGH OUT CEMENT JOB GOT 25 BBLS OF CEMENT TO SURFACE RIG USED 40LBS OF SUGAR TICKET CHANGES: NO ADD HOURS, DERRICK CHARGE SUGAR TO 40 LBS
Pre-Rig Down Safety Meeting	03/14/2013 23:55							ALL HES EMPLOYEES
Rig-Down Equipment	03/15/2013 00:00							RIG DOWN RIG FLOOR, IRON, SUCTION HOSES, BULK HOSE, WASH AND BLOWDOWN PUMP

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	03/15/2013 00:50							ALL HES EMPLOYEES
Crew Leave Location	03/15/2013 01:00							THANKS FOR USING HALLIBURTON CEMENT CHRIS KUKUS AND CREW

WPX ENERGY / SG 43-23

9 5/8 SURFACE



Local Event Log

1	START JOB	22:55:00	2	FILL LINES	22:55:32
3	TEST LINES	22:56:42	4	PUMP FRESH WATER SPACER	23:02:06
5	PUMP TAIL CEMENT	23:08:59	6	SHUTDOWN	23:26:02
7	DROP PLUG	23:27:49	8	PUMP FRESH WATER DISPLACEMENT	23:29:38
9	SLOW RATE	23:38:15	10	BUMP PLUG	23:43:44
11	CHECK FLOATS	23:46:01	12	END JOB	23:47:05

Customer: WPX ENERGY
Well Description: SG 43-23
Company Rep: AL DUNIHO

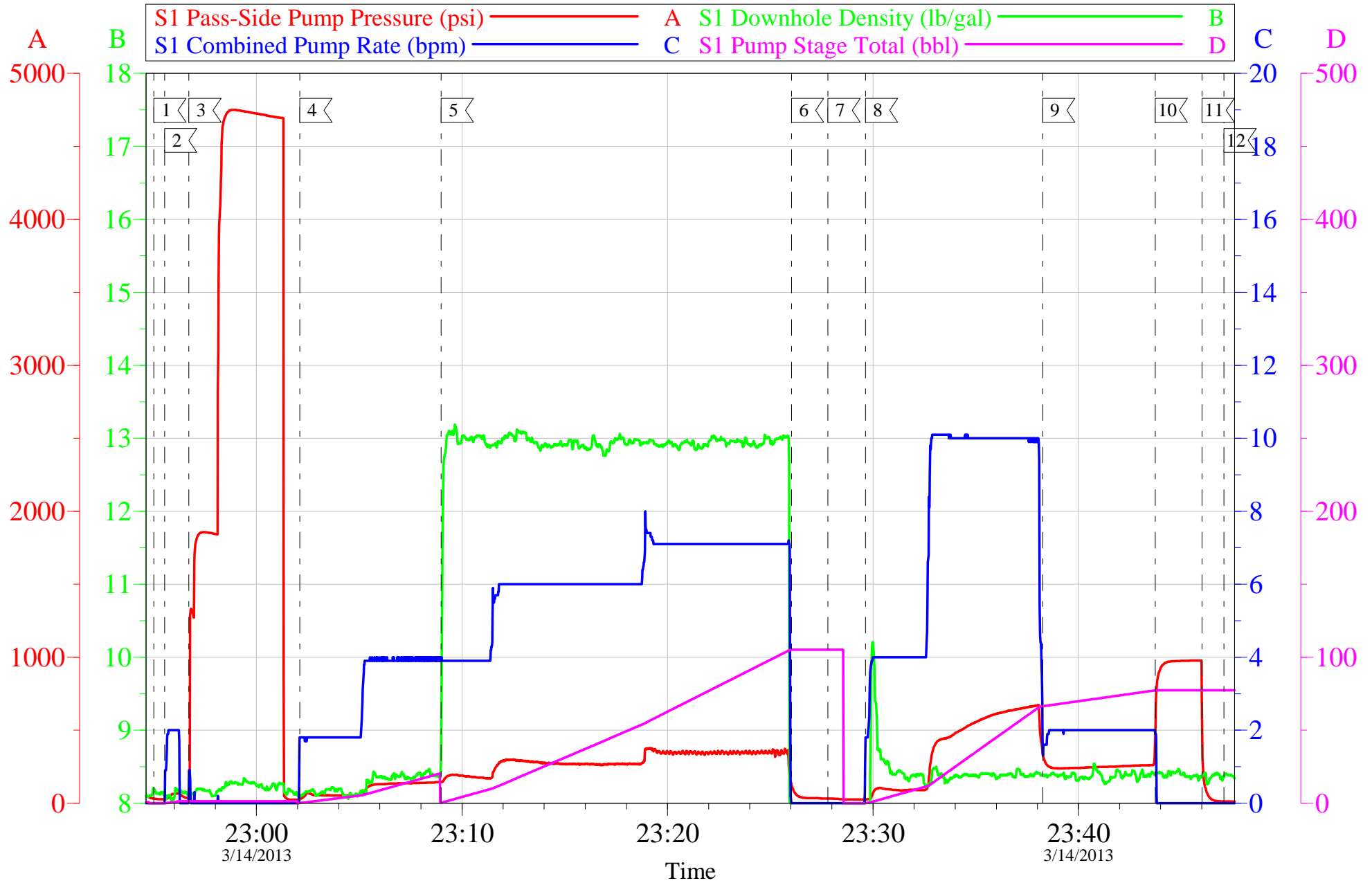
Job Date: 14-Mar-2013
Job Type: SURFACE
Cement Supervisor: CHRIS KUKUS

Sales Order #: 900271174
ADC Used: YES
Elite # 9: WESLEY GOWEN

OptiCem v6.4.10
14-Mar-13 23:55

WPX ENERGY / SG 43-23

9 5/8 SURFACE



Customer: WPX ENERGY
Well Description: SG 43-23
Company Rep: AL DUNIHO

Job Date: 14-Mar-2013
Job Type: SURFACE
Cement Supervisor: CHRIS KUKUS

Sales Order #: 900271174
ADC Used: YES
Elite # 9: WESLEY GOWEN

OptiCem v6.4.10
14-Mar-13 23:57

HALLIBURTON

Water Analysis Report

Company: WPX
Submitted by: CHRIS KUKUS
Attention: J. TROUT/C.MARTINEZ
Lease: SG
Well #: 43-23

Date: 3/14/2013
Date Rec.: 3/14/2013
S.O.#: 900271174
Job Type: SURFACE

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>	50 Deg
Total Dissolved Solids		330 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 #: 900271174	Line Item: 10	Survey Conducted Date: 3/15/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: AL DUNIHO		API / UWI: (leave blank if unknown) 05-045-21693
Well Name: SG		Well Number: 43-23
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	3/15/2013
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	AL DUNIHO
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 MEN!

CUSTOMER SIGNATURE

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Customer Representative: AL DUNIHO		API / UWI: (leave blank if unknown) 05-045-21693
Well Name: SG		Well Number: 43-23
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 The date the survey was conducted	3/15/2013

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	6
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

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Customer Representative: AL DUNIHO		API / UWI: (leave blank if unknown) 05-045-21693
Well Name: SG		Well Number: 43-23
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