
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**KP 411-17
KOKOPELLI
Garfield County , Colorado**

Cement Surface Casing **19-Mar-2012**

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2912140	Quote #:	Sales Order #: 9321607
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Customer Rep: Hutson, Matt		
Well Name: KP	Well #: 411-17	API/UWI #: 05-045-20994	
Field: KOKOPELLI	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.536 deg. OR N 39 deg. 32 min. 7.825 secs.	Long: E 107.58 deg. OR E 107 deg. 34 min. 47.323 secs.		
Contractor: NABORS 574	Rig/Platform Name/Num: NAB 574		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: MAYO, MARK	Srv 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	7.5	453940	KUKUS, CHRISTOPHER A	7.5	413952	MILLER II, MATTHEW Reginald	7.5	425164
SMITH, DUSTIN Michael	7.5	418015						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248057	60 mile	10867531	60 mile	10872429	60 mile	10989685	60 mile
11259883	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
3/19/2012	7.5	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	19 - Mar - 2012	09:15	MST
Form Type	BHST			On Location	19 - Mar - 2012	13:30	MST
Job depth MD	1365. ft	Job Depth TVD	1365. ft	Job Started	19 - Mar - 2012	18:18	MST
Water Depth		Wk Ht Above Floor	5. ft	Job Completed	19 - Mar - 2012	19:21	MST
Perforation Depth (MD)	From	To		Departed Loc	19 - Mar - 2012	21:00	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				.	1365.		
SURFACE CASING	New		9.625	9.001	32.3		J-55	.	1348.		

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	4	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	200.0	sacks	12.3	2.38	13.75	6	13.75
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75	6	11.75
4	Displacement Fluid		102.60	bbl	8.33	.0	.0	10	
Calculated Values		Pressures		Volumes					
Displacement	102.6	Shut In: Instant		Lost Returns	0	Cement Slurry	144.9	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	20	Actual Displacement	102.6	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	267.5
Rates									
Circulating		Mixing	6	Displacement	10	Avg. Job			8
Cement Left In Pipe	Amount	44.2 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID		Frac ring # 2 @	ID		Frac Ring # 3 @	ID		Frac Ring # 4 @
The Information Stated Herein Is Correct				Customer Representative Signature					

The Road to Excellence Starts with Safety

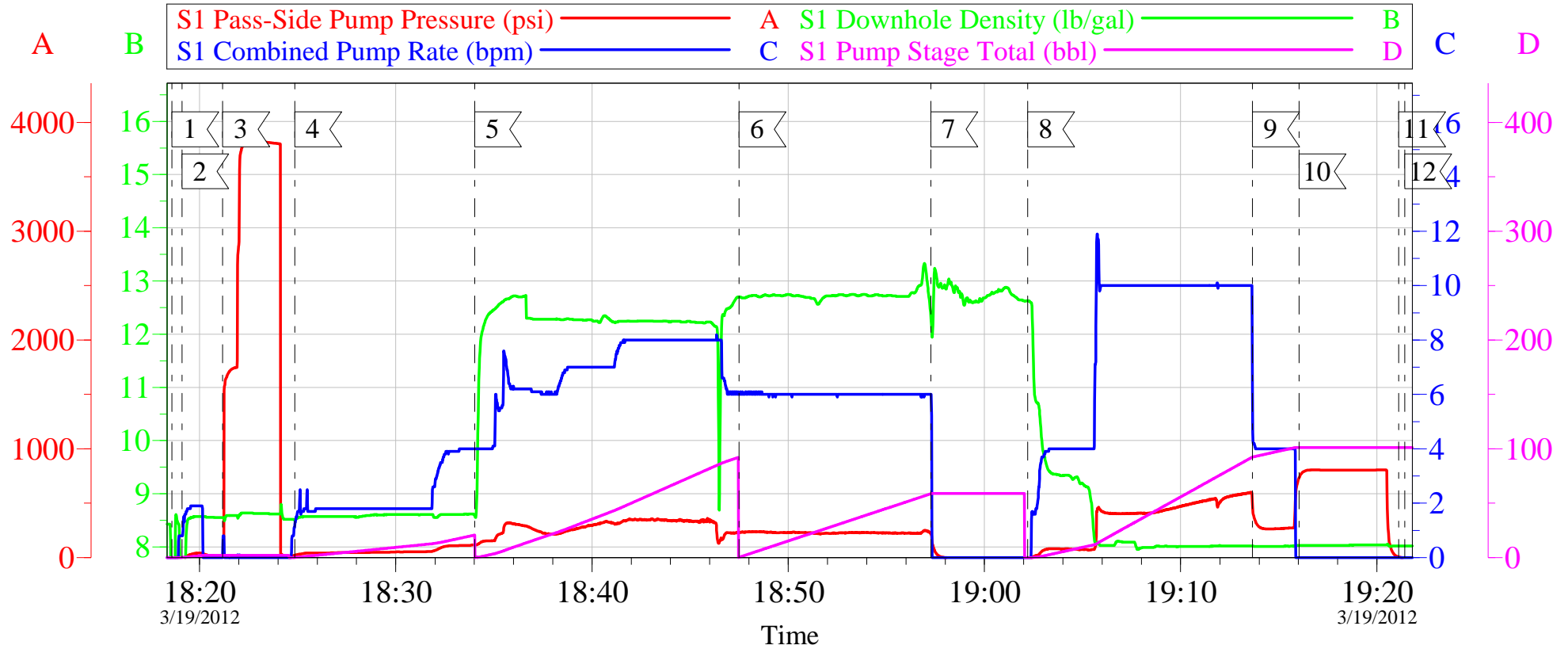
Sold To #: 300721		Ship To #: 2912140		Quote #:		Sales Order #: 9321607	
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS				Customer Rep: Hutson, Matt			
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Field: KOKOPELLI		City (SAP): SILT		County/Parish: Garfield			State: Colorado
Legal Description:							
Lat: N 39.536 deg. OR N 39 deg. 32 min. 7.825 secs.				Long: E 107.58 deg. OR E 107 deg. 34 min. 47.323 secs.			
Contractor: NABORS 574			Rig/Platform Name/Num: NAB 574				
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	03/19/2012 09:15							ELITE # 7
Depart Yard Safety Meeting	03/19/2012 11:30							ALL HES EMPLOYEES
Arrive At Loc	03/19/2012 13:30							CREW ARRIVED 1 HOUR EARLY RIG WAS STILL PULLING PIPE DID NOT START CHARGING TIME UNTIL REQUESTED ON LOCATION TIME
Assessment Of Location Safety Meeting	03/19/2012 13:40							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	03/19/2012 15:30							ALL HES EMPLOYEES
Rig-Up Equipment	03/19/2012 15:45							1 F-550 PICKUP 1 HT-400 PUMP TRUCK 1 660 BULK TRUCK 1 BODY LOAD BULK TRUCK
Pre-Job Safety Meeting	03/19/2012 18:00							ALL HES EMPLOYEES AND RIG CREW
Start Job	03/19/2012 18:18							TD:1365 TP:1348 SJ: 44.25 9 5/8 32.3 # CSG 13 1/2 OH MUD WT: 10.1 PPG
Test Lines	03/19/2012 18:21					3833.0		PRESSURE TEST OK
Pump Spacer	03/19/2012 18:24		4	20	20		116.0	FRESH WATER

Pump Lead Cement	03/19/2012 18:34		6	84.4	84.4		315.0	200 SKS 12.3 PPG 2.38 YIELD 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	03/19/2012 18:47		6	60.1	60.1		240.0	160 SKS 12.8 PPG 2.11 YIELD 11.75 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT
Shutdown	03/19/2012 18:57							
Drop Plug	03/19/2012 18:57							PLUG AWAY NO PROBLEMS
Pump Displacement	03/19/2012 19:02		10	102.6	102.6		595.0	FRESH WATER TO DISPLACE WASH UP ON TOP OF PLUG AS PER COMPANY REP
Slow Rate	03/19/2012 19:13		4	92.6	92.6		300.0	SLOW RATE TO BUMP PLUG
Bump Plug	03/19/2012 19:16						804.0	PSI BEFORE BUMPING @ 300 BUMPED PLUG UP TO 804 PSI
Check Floats	03/19/2012 19:21							FLOATS HELD 1 BBL BACK TO DISPLACEMENT TANK
End Job	03/19/2012 19:21							20 BBL OF CEMENT TO SURFACE CEMENT FELL BACK 25' AFTER BUMPING PLUG RIG WILL TOPOUT WITH QUICKRETE
Pre-Rig Down Safety Meeting	03/19/2012 19:25							ALL HES EMPLOYEES
Rig-Down Equipment	03/19/2012 19:30							
Pre-Convoy Safety Meeting	03/19/2012 20:50							ALL HES EMPLOYEES
Crew Leave Location	03/19/2012 21:00							THANK YOU FOR USING HALLIBURTON CEMENT CHRIS KUKUS AND CREW

WPX KP 411-17

SURFACE 9 5/8



Local Event Log

1	START JOB	18:18:35	2	FILL LINES	18:19:06
3	PRESSURE TEST	18:21:11	4	PUMP H2O SPACER	18:24:51
5	PUMP LEAD CEMENT	18:34:01	6	PUMP TAIL CEMENT	18:47:29
7	SHUT DOWN / DROP PLUG	18:57:16	8	PUMP H2O DISPLACEMENT	19:02:12
9	SLOW RATE	19:13:40	10	BUMP PLUG	19:16:02
11	CHECK FLOATS	19:21:06	12	END JOB	19:21:26

Customer: WPX
Well Description: KP 411-17
Company Rep: MATT HUTSON

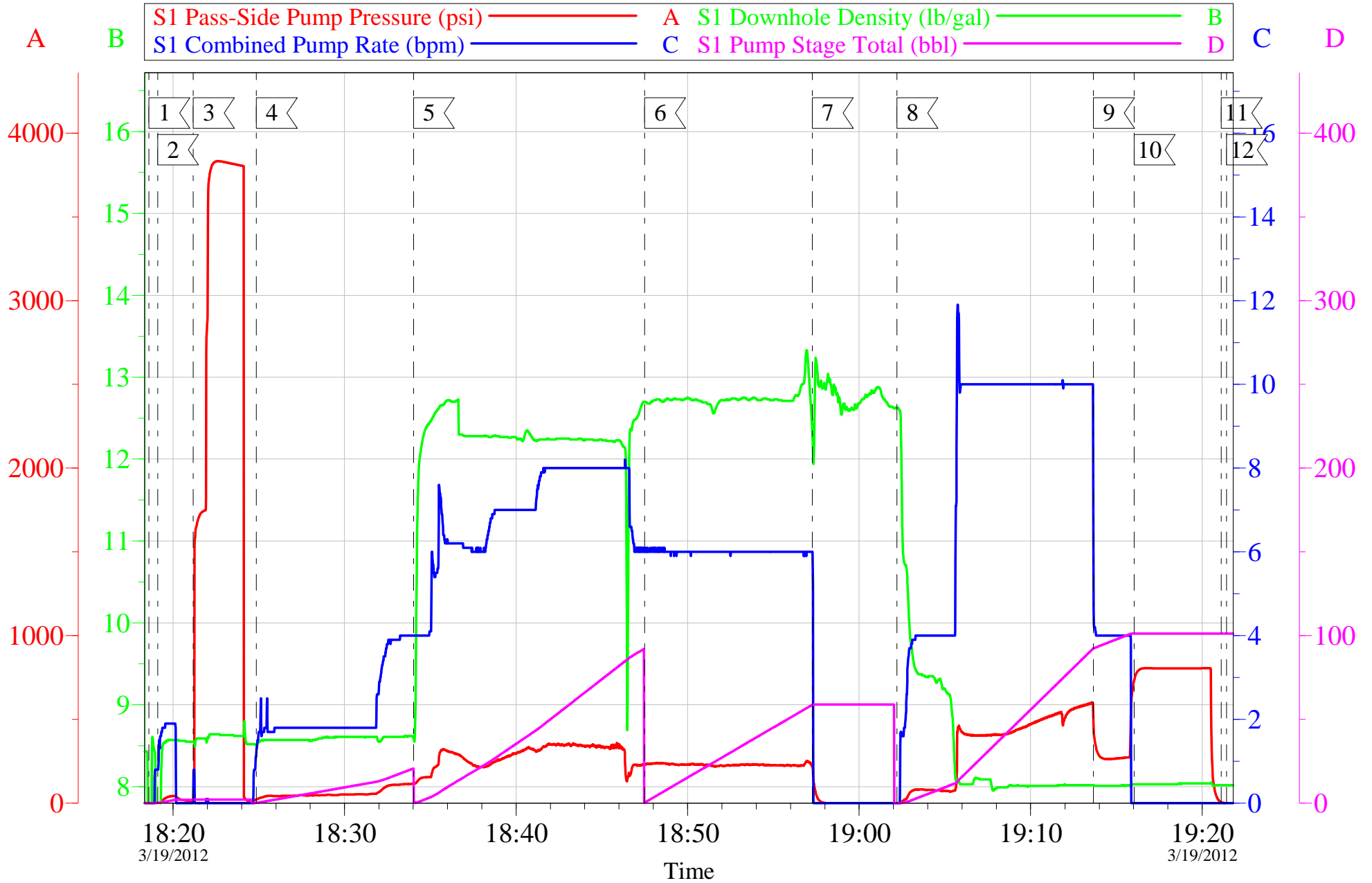
Job Date: 19-Mar-2012
Job Type: 9 5/8 SURFACE
Cement Supervisor: CHRIS KUKUS

Sales Order #: 9321607
ADC Used: YES
Elite # 7: REGGIE MILLER

OptiCem v6.4.10
19-Mar-12 19:40

WPX KP 411-17

SURFACE 9 5/8



Customer: WPX
Well Description: KP 411-17
Company Rep: MATT HUTSON

Job Date: 19-Mar-2012
Job Type: 9 5/8 SURFACE
Cement Supervisor: CHRIS KUKUS

Sales Order #: 9321607
ADC Used: YES
Elite # 7: REGGIE MILLER

OptiCem v6.4.10
19-Mar-12 19:41

Sales Order #: 9321607	Line Item: 10	Survey Conducted Date: 3/19/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: MATT HUTSON		API / UWI: (leave blank if unknown) 05-045-20994
Well Name: KP		Well Number: 411-17
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	3/19/2012
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	MATT HUTSON
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 The date the survey was conducted	3/19/2012

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.	2.5
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: MATT HUTSON		API / UWI: (leave blank if unknown) 05-045-20994
Well Name: KP		Well Number: 411-17
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