
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**KP 34-18
KOKOPELLI
Garfield County , Colorado**

Cement Surface Casing
02-Jun-2012

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2929045	Quote #:	Sales Order #: 9537819
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Valad, Gary	
Well Name: KP		Well #: 34-18	API/UWI #: 05-045-20627
Field: KOKOPELLI	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.522 deg. OR N 39 deg. 31 min. 20.309 secs.		Long: W 107.595 deg. OR W -108 deg. 24 min. 19.008 secs.	
Contractor: NABORS 574		Rig/Platform Name/Num: NABORS 574	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor: TRIPLETT, MICHEAL	MBU ID Emp #: 447908

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
SILVERTHORN, AARON Jacob	0.0	491305	STILLSON, ERIC W	0.0	393789	TRIPLETT, MICHEAL Anthony	0.0	447908

Equipment

HES Unit #	Distance-1 way						
10001431	60 mile	10567589C	60 mile	10951246	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

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type		BHST	On Location	02 - Jun - 2012	04:00	MST
Job depth MD	2910.1 m	Job Depth TVD	Job Started	02 - Jun - 2012	09:48	MST
Water Depth		Wk Ht Above Floor	Job Completed	02 - Jun - 2012	10:38	MST
Perforation Depth (MD)	From	To	Departed Loc	02 - Jun - 2012	11:15	MST

Well Data

Description	New / Used	Max pressure MPa	Size mm	ID mm	Weight kg/m	Thread	Grade	Top MD m	Bottom MD m	Top TVD m	Bottom TVD m

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			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
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 kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne			

Stage/Plug #: 1

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Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/tonne	Rate m3/min	Total Mix Fluid m3/tonne	
1	Fresh Water		20.00	bbl	8.33	.0	.0	.0		
2	VersaCem Tail	VERSACEM (TM) SYSTEM (452010)	260.0	sacks	12.8	2.11	11.75		11.75	
11.75 Gal		FRESH WATER								
3	Displacement Fluid		65.00	bbl	8.34	.0	.0	.0		
Calculated Values			Pressures			Volumes				
Displacement		Shut In: Instant	Lost Returns		Cement Slurry		Pad			
Top Of Cement		5 Min	Cement Returns		Actual Displacement		Treatment			
Frac Gradient		15 Min	Spacers		Load and Breakdown		Total Job			
Rates										
Circulating			Mixing			Displacement			Avg. Job	
Cement Left In Pipe		Amount	0 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						

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Well Name: KP		Well #: 34-18	API/UWI #: 05-045-20627
Field: KOKOPELLI	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.522 deg. OR N 39 deg. 31 min. 20.309 secs.		Long: W 107.595 deg. OR W -108 deg. 24 min. 19.008 secs.	
Contractor: NABORS 574		Rig/Platform Name/Num: NABORS 574	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor: TRIPLETT, MICHEAL	MBU ID Emp #: 447908

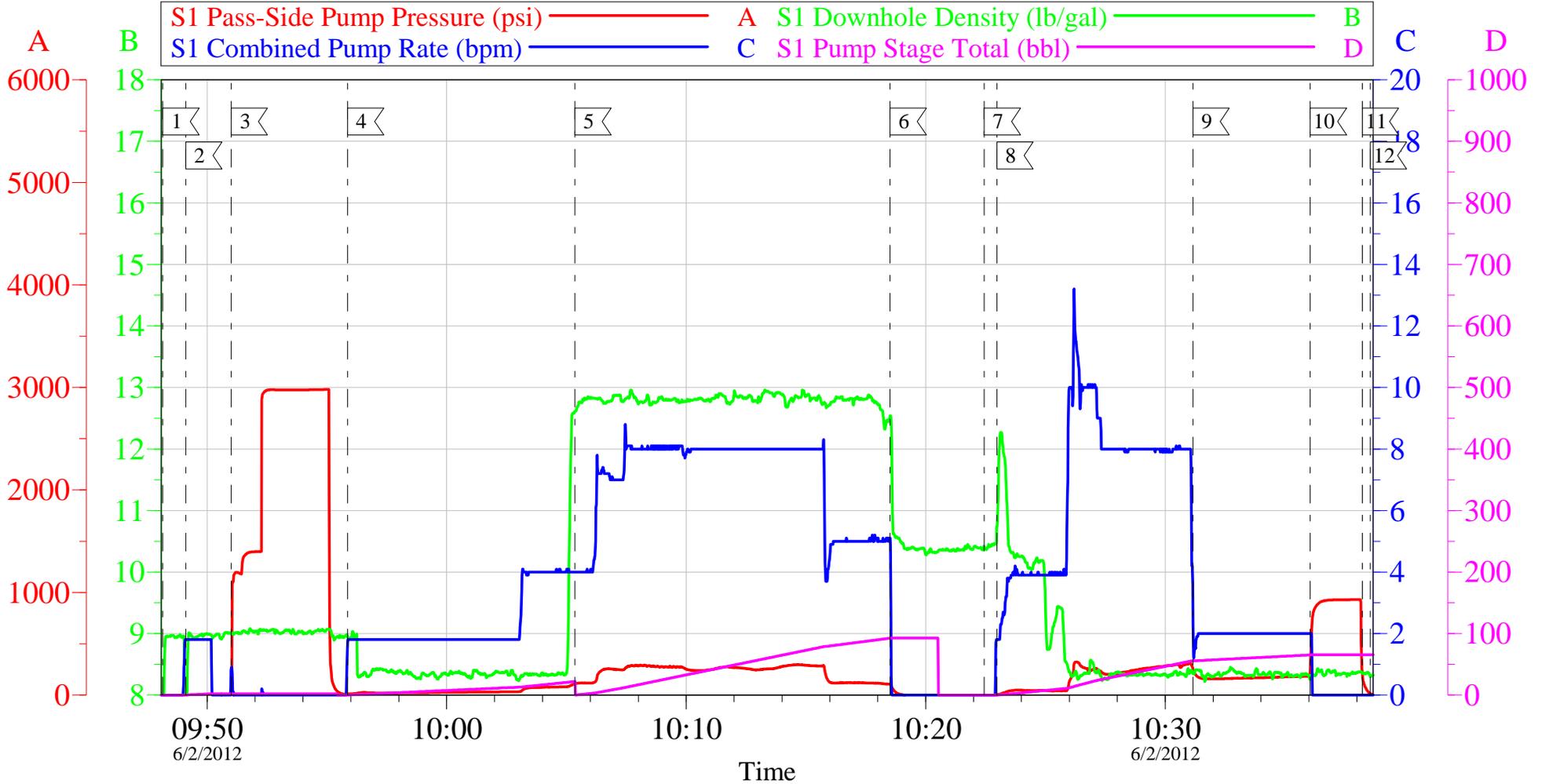
Activity Description	Date/Time	Cht #	Rate m3/min	Volume m3		Pressure MPa		Comments
				Stage	Total	Tubing	Casing	
Call Out	06/02/2012 00:00							9 5/8 SURFACE, WILLIAMS, NABORS 574, KP 34-18.
Pre-Convoy Safety Meeting	06/02/2012 02:30							ENTIRE CREW, OBSERVE ALL SAFE DRIVING PROCEDURES
Arrive At Loc	06/02/2012 04:00							ARRIVED EARLY. RIG JUST STARTING CASING.
Assessment Of Location Safety Meeting	06/02/2012 04:10							REVIEWED EMERGENCY PLAN, ASSESSED WORK AREA AND SPOTTED EQUIPMENT.
Pre-Rig Up Safety Meeting	06/02/2012 08:30							ENTIRE CREW, WALKED THROUGH RIG UP LOOKING FOR HAZARDS.
Rig-Up Equipment	06/02/2012 08:35							1 PICK UP, 1 HT400 PUMP TRUCK, 1 660 BULK CEMENT TRUCK, 1 QUICK LATCH HEAD WITH PLUG,
Pre-Job Safety Meeting	06/02/2012 09:35							ENTIRE CREW, CO REP AND RIG CREW.
Start Job	06/02/2012 09:48							TD 887' TP 877' SJ 46' FC 831' MW 10.1 PPG, 9 5/8 32.3# CASING IN 13 1/2 HOLE. RIG CIRC APPROX 30 MIN, YP ,PV ,TEMP , GAS UNITS AT SHUTDOWN.
Pump Water	06/02/2012 09:49		2	2			107.0	FILL LINES BEFORE TESTING

Activity Description	Date/Time	Cht #	Rate m3/min	Volume m3		Pressure MPa		Comments
				Stage	Total	Tubing	Casing	
Pressure Test	06/02/2012 09:51						3000.0	HELD PRESSURE FOR 2 MIN, PRESSURE HELD, NO LEAKS.
Pump Spacer 1	06/02/2012 09:55		4	20			100.0	FRESH WATER, PUMPED AT 2 BPM UNTIL CEMENT TUB UP TO WEIGHT AND WEIGHED WITH SCALES, SPED RATE TO 4 BPM AT 15 BBL GONE.
Pump Tail Cement	06/02/2012 10:05		8	97.7			280.0	260 SKS VERSACEM, 12.8 PPG, 2.11 CUFT/SK, 11.75 GAL/SK.
Shutdown	06/02/2012 10:18							
Drop Top Plug	06/02/2012 10:22							VARIIFIED PLUG LEFT CONTAINER, WASHED UP ON TOP OF THE PLUG.
Pump Displacement	06/02/2012 10:23		8	65.4			260.0	FRESH WATER, CEMENT TO SURFACE AT 40 BBL GONE, 20 BBL OF CEMENT TO SURFACE. USED 40 LBS SUGAR.
Slow Rate	06/02/2012 10:31		2	55.4			190.0	SLOWED RATE TO 2 BPM TO BUMP PLUG.
Bump Plug	06/02/2012 10:34						270.0	PLUG LANDED AT 270 PSI, BUMPED UP TO 980 PSI AND HELD FOR 2 MIN PER CO REP.
Check Floats	06/02/2012 10:36							FLOATS HELD, WHEN RELEASED PRESSURE GOT 1/2 BBL OF WATER BACK TO TRUCK.
End Job	06/02/2012 10:38							GOOD RETURNS THROUGHOUT, DID NOT RECIPROCATE PIPE. 40 #S OF SUGAR USED. NO ADDITIONAL HOURS.
Post-Job Safety Meeting (Pre Rig-Down)	06/02/2012 10:40							ENTIRE CREW
Rig-Down Equipment	06/02/2012 10:45							

Activity Description	Date/Time	Cht #	Rate m3/min	Volume m3		Pressure MPa		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	06/02/2012 11:10							ENTIRE CREW, OBSERVE ALL SAFE DRIVING PROCEDURES
Crew Leave Location	06/02/2012 11:15							THANK YOU FOR USING HALLIBURTON, ERIC STILLSON AND CREW.

WPX - KP - 34-18

9.625" SURFACE

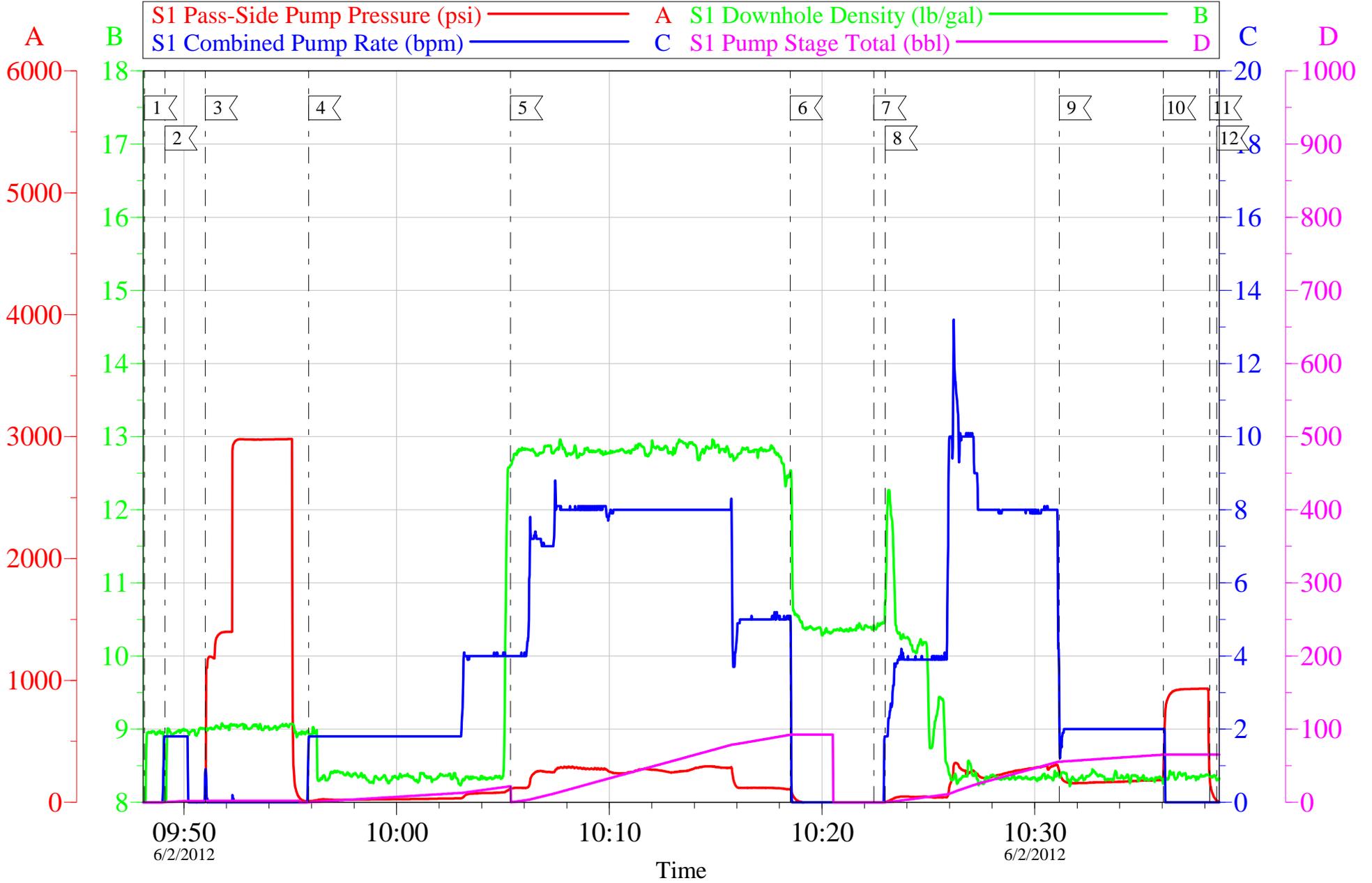


1	START JOB	09:48:09	2	FILL LINES	09:49:06	3	PRESSURE TEST	09:51:00
4	START H2O SPACER	09:55:51	5	START TAIL CEMENT	10:05:21	6	SHUTDOWN	10:18:31
7	DROP PLUG	10:22:27	8	START DISPLACEMENT	10:22:58	9	SLOWRATE	10:31:09
10	BUMP PLUG	10:36:04	11	CHECK FLOATS	10:38:14	12	END JOB	10:38:34

Customer: WPX	Job Date: 02-Jun-2012	Sales Order #: 9537819
Well Description: KP 34-18	Job Type: SURFACE	ADC Used: YES
Company Rep: GARY VALAD	Cement Supervisor: MIKE TRIPLETT	Elite #3: AARON SILVERTHORN

WPX - KP - 34-18

9.625" SURFACE



Customer: WPX	Job Date: 02-Jun-2012	Sales Order #: 9537819
Well Description: KP 34-18	Job Type: SURFACE	ADC Used: YES
Company Rep: GARY VALAD	Cement Supervisor: MIKE TRIPLETT	Elite #3: AARON SILVERTHORN

HALLIBURTON

Water Analysis Report

Company: WPX
Submitted by: MIKE TRIPLETT
Attention: LAB
Lease: KP
Well #: 34-18

Date: 6/1/2012
Date Rec.: _____
S.O.#: 9537819
Job Type: SURFACE

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	7
Potassium (K)	<i>5000</i>	200 Mg / L
Calcium (Ca)	<i>500</i>	0 Mg / L
Iron (FE2)	<i>300</i>	0 Mg / L
Chlorides (Cl)	<i>3000</i>	0 Mg / L
Sulfates (SO ₄)	<i>1500</i>	<200 Mg / L
Chlorine (Cl ₂)		0 Mg / L
Temp	<i>40-80</i>	50 Deg
Total Dissolved Solids		190 Mg / L

Respectfully: MIKE TRIPLETT

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

Sales Order #: 9537819	Line Item: 10	Survey Conducted Date: 6/2/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: GARY VALAD		API / UWI: (leave blank if unknown) 05-045-20627
Well Name: KP		Well Number: 34-18
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	6/2/2012
Survey Interviewer	The survey interviewer is the person who initiated the survey.	MICHEAL TRIPLETT (HB15721)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	GARY VALAD
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 #: 9537819	Line Item: 10	Survey Conducted Date: 6/2/2012
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Customer Representative: GARY VALAD		API / UWI: (leave blank if unknown) 05-045-20627
Well Name: KP		Well Number: 34-18
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	6/2/2012
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)	2
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)	1
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	7
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: KP		Well Number: 34-18
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	95
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	95
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