
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**KP 311-17
KOKOPELLI
Garfield County , Colorado**

Cement Surface Casing
05-May-2012

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2922950	Quote #:	Sales Order #: 9493986
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Customer Rep: Valad, Gary		
Well Name: KP	Well #: 311-17	API/UWI #: 05-045-20995	
Field: KOKOPELLI	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.536 deg. OR N 39 deg. 32 min. 7.814 secs.	Long: W 107.58 deg. OR W -108 deg. 25 min. 12.504 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: SCOTT, KYLE	Srvc Supervisor: SLAUGHTER, JESSE	MBU ID Emp #: 454315	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BECK, MICHAEL George	5.5	489151	DOUT, JACOB J	5.5	430298	KUKUS, CARLTON Dean	5.5	458577
SLAUGHTER, JESSE Dean	5.5	454315						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248065	60 mile	10616651C	60 mile	11021972	60 mile	11027039	60 mile
11583931	60 mile	11808827	60 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
5-5-2012	5.5	3						

TOTAL	Total is the sum of each column separately							
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Job

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	04 - May - 2012	22:00	MST
Form Type		BHST	Job Started	05 - May - 2012	03:00	MST
Job depth MD	1345. ft	Job Depth TVD	Job Completed	05 - May - 2012	05:26	MST
Water Depth		Wk Ht Above Floor	Departed Loc	05 - May - 2012	06:54	GMT
Perforation Depth (MD)	From	To		05 - May - 2012	08:30	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
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Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
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	9.625	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	FRESH WATER	20.00	bbl	8.33	.0	.0	4	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	210.0	sacks	12.3	2.38	13.75	6	13.75
	13.75 Gal	FRESH WATER							
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75	6	11.75
	11.75 Gal	FRESH WATER							
4	Displacement Fluid	FRESH WATER	102.2	bbl	8.34	.0	.0	8	
Calculated Values		Pressures		Volumes					
Displacement	102.2	Shut In: Instant		Lost Returns	NO	Cement Slurry	149	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	30	Actual Displacement	102.2	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	271
Rates									
Circulating	7	Mixing	6	Displacement	8	Avg. Job	7		
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					

The Road to Excellence Starts with Safety

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Well Name: KP			Well #: 311-17			API/UWI #: 05-045-20995	
Field: KOKOPELLI		City (SAP): SILT		County/Parish: Garfield			State: Colorado
Legal Description:							
Lat: N 39.536 deg. OR N 39 deg. 32 min. 7.814 secs.				Long: W 107.58 deg. OR W -108 deg. 25 min. 12.504 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: SCOTT, KYLE			Srvc Supervisor: SLAUGHTER, JESSE			MBU ID Emp #: 454315	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	05/04/2012 22:00							TD 1355 FT, TP 1345 FT, SHOE 46 FT, CSG 9 5/8 IN 32.3 LB/FT, HOLE 13 1/2 IN, MUD WT 9.3 PPG
Pre-Convoy Safety Meeting	05/05/2012 00:20							WITH ALL HES PERSONNEL
Crew Leave Yard	05/05/2012 00:30							
Arrive At Loc	05/05/2012 03:00							RIG WAS CIRCULATING UPON HES ARRIVAL
Assessment Of Location Safety Meeting	05/05/2012 03:30							WITH ALL HES PERSONNEL
Other	05/05/2012 03:40							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	05/05/2012 03:50							WITH ALL HES PERSONNEL
Rig-Up Equipment	05/05/2012 04:00							
Pre-Job Safety Meeting	05/05/2012 05:10							WITH ALL PERSONNEL ON LOCATION
Start Job	05/05/2012 05:26							
Other	05/05/2012 05:26		2	2			48.0	FILL LINES WITH FRESH WATER
Test Lines	05/05/2012 05:29							TESTED LINES TO 3280 PSI PRESSURE HOLDING
Pump Spacer 1	05/05/2012 05:37		4	20			96.0	FRESH WATER
Pump Lead Cement	05/05/2012 05:47		6	89			140.0	210 SKS AT 12.3 PPG 2.38 FT3/SK, 13.75 GAL/SK
Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl		Pressure psig		Comments

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Quote # :

Sales Order # :

9493986

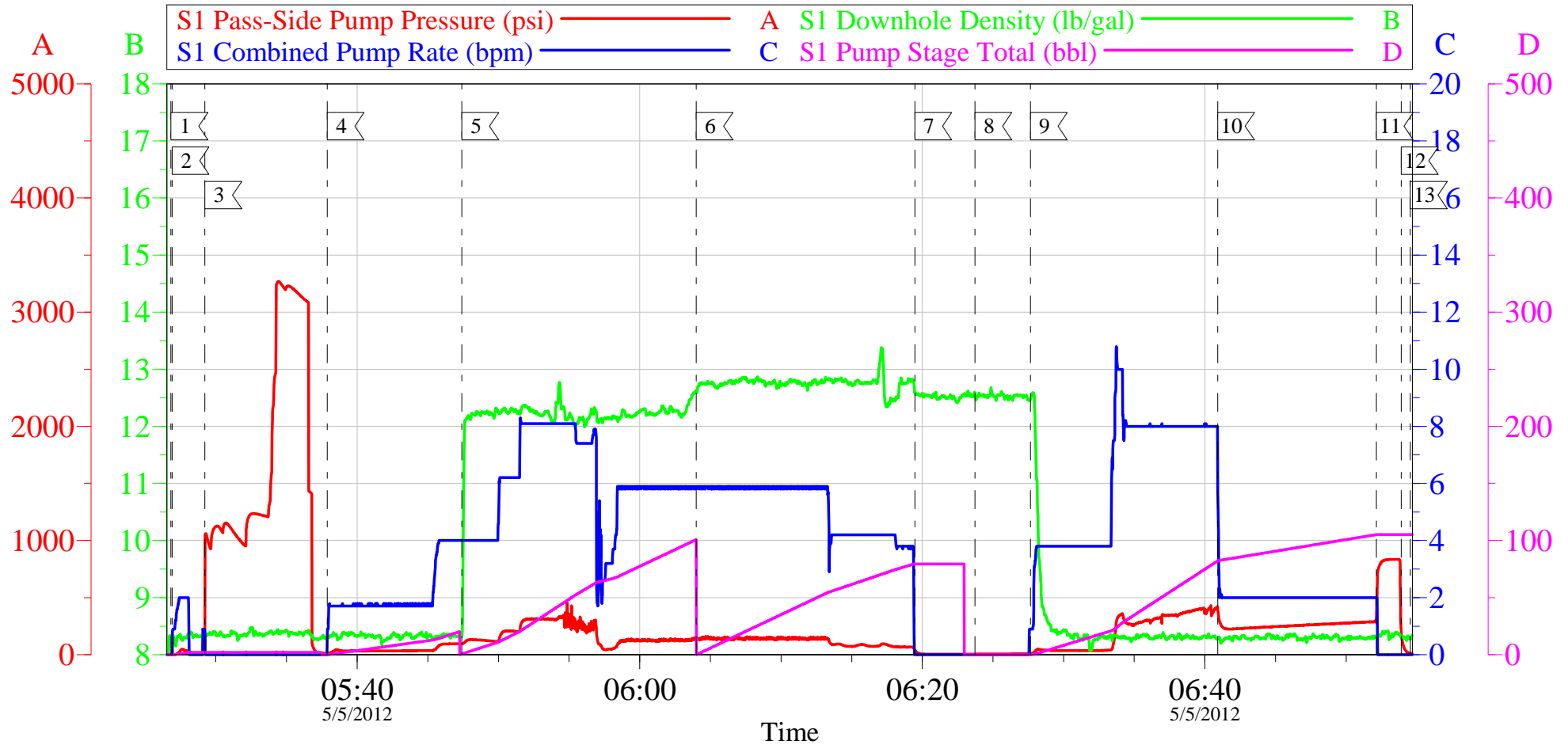
SUMMIT Version: 7.3.0021

Saturday, May 05, 2012 07:29:00

		#		Stage	Total	Tubing	Casing	
Pump Tail Cement	05/05/2012 06:03		6	60.1			160.0	160 SKS AT 12.8 PPG, 2.11 FT3/SK, 11.75 GAL/SK
Shutdown	05/05/2012 06:19							
Drop Top Plug	05/05/2012 06:23							PLUG LAUNCHED
Pump Displacement	05/05/2012 06:27		8	82.2			400.0	FRESH WATER
Slow Rate	05/05/2012 06:40		2	20			290.0	SLOW RATE 10 BBLs PRIOR TO CALCULATED DISPLACEMENT
Bump Plug	05/05/2012 06:52		2		102.2		880.0	PLUG BUMPED
Check Floats	05/05/2012 06:53							FLOATS HOLDING. HES RETURNED 1 BBL H2O TO PUMP
End Job	05/05/2012 06:54							PIPE WAS STATIC THROUGHOUT JOB, GOOD CIRCULATION DURING JOB. HES RETURNED 30 BBL CEMENT TO SURFACE
Pre-Rig Down Safety Meeting	05/05/2012 07:00							WITH ALL HES PERSONNEL
Rig-Down Equipment	05/05/2012 07:05							
Pre-Convoy Safety Meeting	05/05/2012 08:20							WITH ALL HES PERSONNEL
Crew Leave Location	05/05/2012 08:30							
Comment	05/05/2012 08:31							THANK YOU FOR USING HALLIBURTON CEMENT DEPARTMENT. JESSE SLAUGHTER AND CREW.

WILLIAMS KP 311-17

9 5/8 SURFACE



Local Event Log

1 START JOB	05:26:49	2 PRIME LINES	05:26:54	3 TEST LINES	05:29:14
4 PUMP H2O SPACER	05:37:53	5 PUMP LEAD CEMENT	05:47:25	6 PUMP TAIL CEMENT	06:03:59
7 SHUTDOWN	06:19:28	8 DROP TOP PLUG	06:23:43	9 PUMP DISPLACEMENT	06:27:39
10 SLOW RATE	06:40:54	11 BUMP PLUG	06:52:08	12 CHECK FLOATS	06:53:54
13 END JOB	06:54:33				

Customer: WILLIAMS
Well Description: KP 311-17
Customer Rep: GARY VALAD

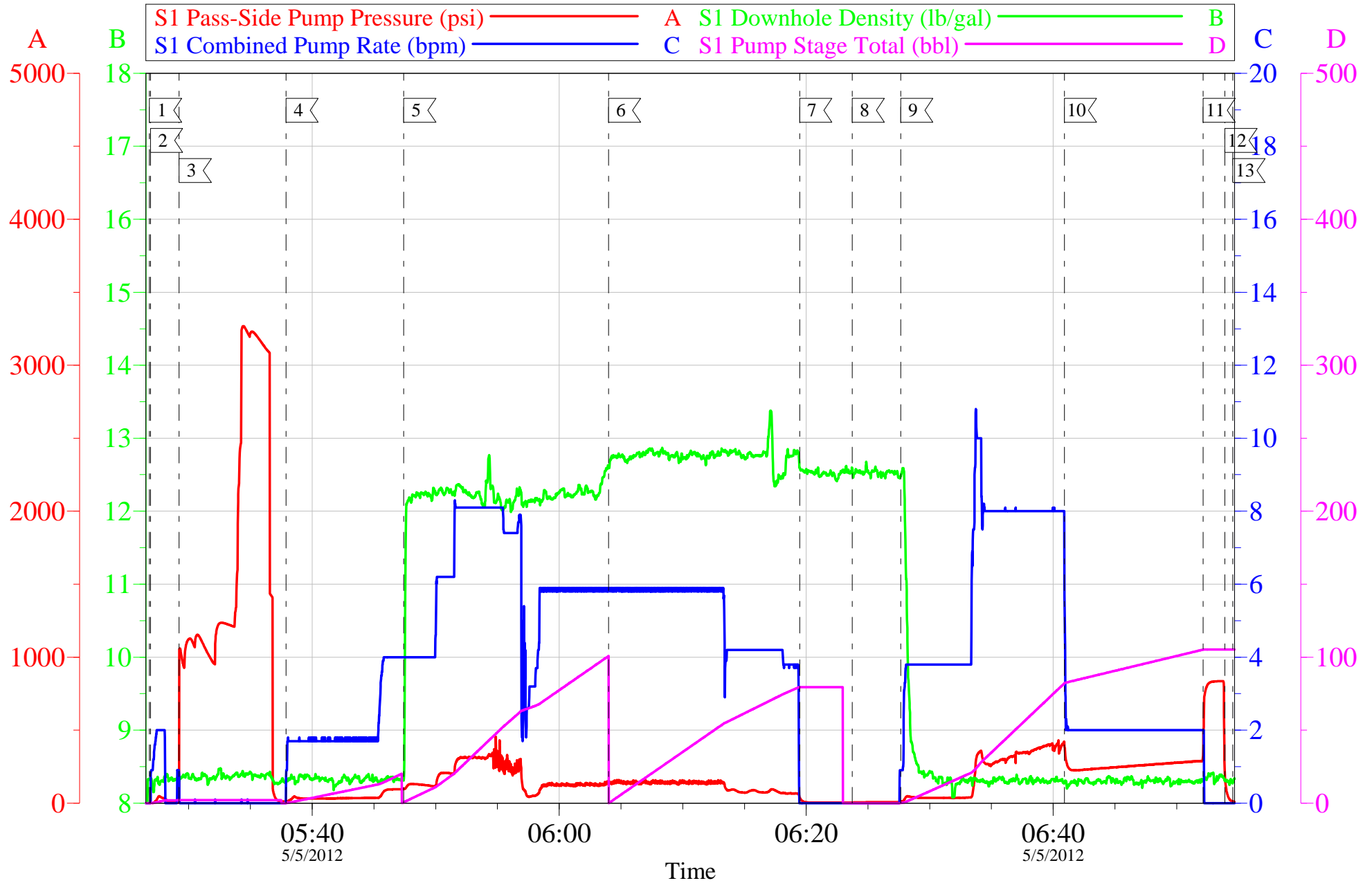
Job Date: 05-May-2012
Job Type: SURFACE
Cement Supervisor: JESSE SLAUGHTER

Sales Order #: 9493986
ADC Used: YES
Elite #4: MIKE BECK

OptiCem v6.4.10
05-May-12 07:04

WILLIAMS KP 311-17

9 5/8 SURFACE



Customer: WILLIAMS	Job Date: 05-May-2012	Sales Order #: 9493986
Well Description: KP 311-17	Job Type: SURFACE	ADC Used: YES
Customer Rep: GARY VALAD	Cement Supervisor: JESSE SLAUGHTER	Elite #4: MIKE BECK

OptiCem v6.4.10
05-May-12 07:04

Sales Order #: 9493986	Line Item: 10	Survey Conducted Date: 5/5/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: GARY VALAD		API / UWI: (leave blank if unknown) 05-045-20995
Well Name: KP		Well Number: 311-17
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	5/5/2012
Survey Interviewer	The survey interviewer is the person who initiated the survey.	JESSE SLAUGHTER (HB21762)
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	GOOD JOB

CUSTOMER SIGNATURE

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Customer Representative: GARY VALAD		API / UWI: (leave blank if unknown) 05-045-20995
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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	5/5/2012

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.	3
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.	1.5
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: GARY VALAD		API / UWI: (leave blank if unknown) 05-045-20995
Well Name: KP		Well Number: 311-17
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