
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**SG 42-27
S. GRAND VALLEY
Garfield County , Colorado**

Squeeze Perfs
28-Jun-2012

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2884421	Quote #:	Sales Order #: 9619307
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Kohl, Kyle	
Well Name: SG	Well #: 42-27	API/UWI #:	
Field: S. GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: WORKOVER		Rig/Platform Name/Num: WORKOVER	
Job Purpose: Squeeze Perfs			Ticket Amount:
Well Type: Development Well		Job Type: Squeeze Perfs	
Sales Person: MAYO, MARK		Srvc Supervisor: REEVES, BRANDON	MBU ID Emp #: 287883

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	06/28/2012 13:40							
Pre-Convoy Safety Meeting	06/28/2012 15:30							
Arrive at Location from Service Center	06/28/2012 16:30							
Assessment Of Location Safety Meeting	06/28/2012 16:40							
Other	06/28/2012 16:50							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	06/28/2012 16:55							
Rig-Up Equipment	06/28/2012 17:00							
Pre-Job Safety Meeting	06/28/2012 17:20							
Start Job	06/28/2012 17:26							PERFS.-1450' CASING-4 1/2" 11.6# BRIDGE PLUG-2933'
Test Lines	06/28/2012 17:29						4880.0	
Injection Test	06/28/2012 17:34		1	10			2085.0	USED 10 BBLs. OF THE MUDFLUSH SPACER FOR THE INJECTION TEST
ISIP	06/28/2012 17:47						1200.0	
Resume	06/28/2012 17:48		1	10			2230.0	RESUME MUDFLUSH SPACER
Pump Spacer 2	06/28/2012 17:59		1	5			2295.0	FRESH WATER SPACER
Pump Tail Cement	06/28/2012 18:04		1	20.5				100 SKS. @ 15.8# 1.15 YIELD 5.01WRQ.
Pump Displacement	06/28/2012 18:24		1				2460.0	FRESH WATER DISPLACEMENT

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Slow Rate	06/28/2012 18:44		0.5	19.5			2010.0	
Shutdown	06/28/2012 18:48			21.5			2310.0	CALCULATED DISPLACEMENT TO THE PERFS. WAS 22.5 BBLs. PUMPED 21.5 BBLs. OF DISPLACEMENT. LEFT 1 BBL. IN THE CASING.
Release Casing Pressure	06/28/2012 18:49							
End Job	06/28/2012 18:50							
Rig-Down Equipment	06/28/2012 19:10							THANK YOU FOR USING HALLIBURTON. BRANDON REEVES AND CREW.

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Field: S. GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Contractor: WORKOVER	Rig/Platform Name/Num: WORKOVER		
Job Purpose: Squeeze Perfs			
Well Type: Development Well	Job Type: Squeeze Perfs		
Sales Person: MAYO, MARK	Srv Supervisor: REEVES, BRANDON	MBU ID Emp #:	287883

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
KUKUS, CARLTON Dean	0.0	458577	REEVES, BRANDON W	0.0	287883	SMITH, DUSTIN Michael	0.0	418015

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10011429	60 mile	10871245	60 mile	11583931	60 mile	11808831	60 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
06/28/2012	3	2						

TOTAL Total is the sum of each column separately

Job

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	28 - Jun - 2012	13:40	MST
Form Type	BHST		Job Started	28 - Jun - 2012	16:30	MST
Job depth MD	1450. ft	Job Depth TVD	1450. ft	Job Completed	28 - Jun - 2012	17:26
Water Depth		Wk Ht Above Floor	. ft	Job Completed	28 - Jun - 2012	18:50
Perforation Depth (MD)	From	To	Departed Loc	28 - Jun - 2012	00:00	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
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Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA		
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		

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	

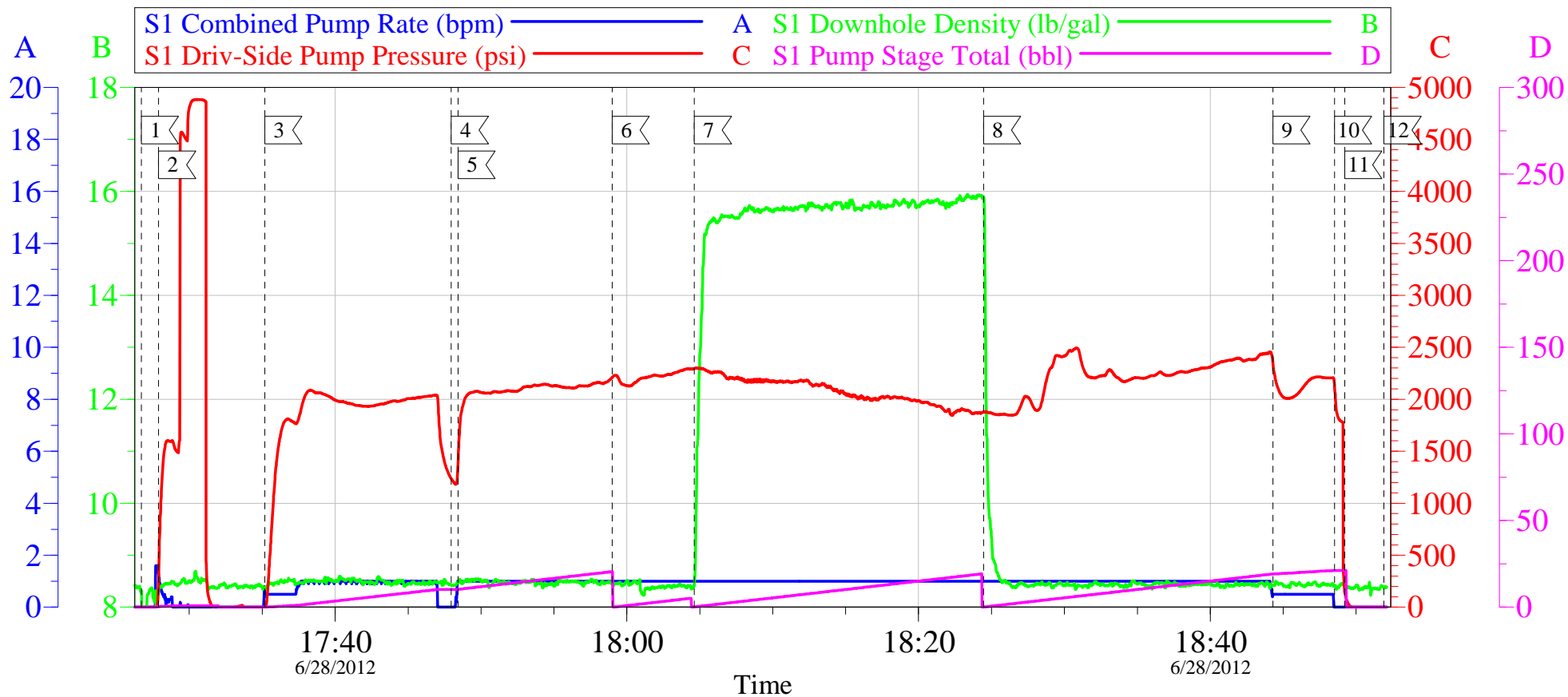
Fluid Data

Stage/Plug #: 1	Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
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Stage/Plug #: 1

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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	MUD FLUSH III	MUD FLUSH III - SBM (528788)	20.00	bbl	8.4	.0	.0	.0	
2	Fresh Water Spacer		5.00	bbl	.	.0	.0	.0	
3	SqueezeCem Tail Cement	SQUEEZECEM (TM) SYSTEM (452971)	100.0	sacks	15.8	1.15	5.0		5.0
0.5 %		CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
5 Gal		FRESH WATER							
4	Displacement		21.50	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	21.5	Shut In: Instant		Lost Returns		Cement Slurry	20.5	Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	21.5	Treatment	
Frac Gradient		15 Min		Spacers	25	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	1	Displacement	1	Avg. Job			
Cement Left In Pipe	Amount	64.5 ft	Reason	CUSTOMER REQUEST					
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					

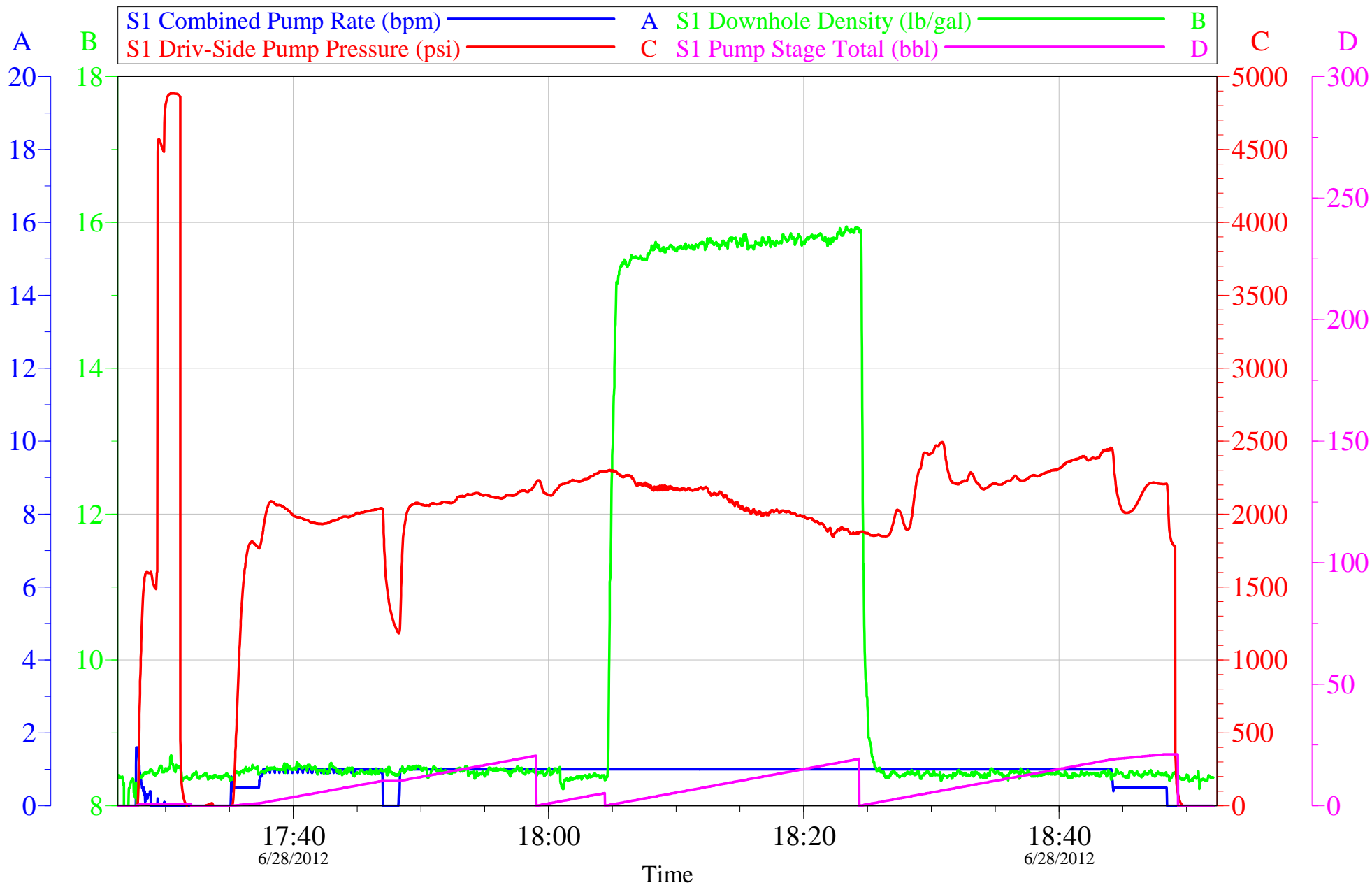
WPX SQUEEZE SG 42-27



Local Event Log							
Intersection		SDPP		Intersection		SDPP	
1	START JOB	17:26:43	-6.000	2	TEST LINES	17:27:54	284.5
3	MUDFLUSH INJECTION TEST	17:35:10	-12.59	4	ISIP	17:47:58	1236
5	RESUME MUDFLUSH SPACER	17:48:26	1402	6	PUMP H2O SPACER	17:59:00	2212
7	PUMP TAIL CEMENT	18:04:38	2294	8	PUMP DISPLACEMENT	18:24:27	1878
9	SLOW RATE	18:44:18	2352	10	SHUT DOWN	18:48:31	2142
11	RELEASE PRESSURE	18:49:13	146.3	12	END JOB	18:51:55	-15.99

Customer: WPX	Job Date: 28-Jun-2012	Sales Order #: 9619307
Well Description: SG 42-27	Job Type: SQUEEZE	ADC Used: YES
Supervisor: BRANDON REEVES	Company Rep: KYLE KOHL	Elite/Operator: 8/CARL KUKUS

WPX SQUEEZE SG 42-27



Customer: WPX	Job Date: 28-Jun-2012	Sales Order #: 9619307
Well Description: SG 42-27	Job Type: SQUEEZE	ADC Used: YES
Supervisor: BRANDON REEVES	Company Rep: KYLE KOHL	Elite/Operator: 8/CARL KUKUS

OptiCem v6.4.4
28-Jun-12 19:00

Sales Order #: 9619307	Line Item: 10	Survey Conducted Date: 6/28/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SQUEEZE PERFORATIONS BOM
Customer Representative:		API / UWI: (leave blank if unknown) AFEYKSTJN2JL5MCAAAA
Well Name: SG		Well Number: 42-27
Well Type: Development Well	Well Country: United States of America	
H2S Present:	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	6/28/2012
Survey Interviewer	The survey interviewer is the person who initiated the survey.	BRANDON REEVES (HBT9414)
Customer Participation	Did the customer participate in this survey? (Y/N)	No
Customer Representative	Enter the Customer representative name	
HSE	Was our HSE performance satisfactory? Circle Y or N	
Equipment	Were you satisfied with our Equipment? Circle Y or N	
Personnel	Were you satisfied with our people? Circle Y or N	
Customer Comment	Customer's Comment	

CUSTOMER SIGNATURE

Sales Order #: 9619307	Line Item: 10	Survey Conducted Date: 6/28/2012
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Customer Representative:		API / UWI: (leave blank if unknown) AFEYKSTJN2JL5MCAAAA
Well Name: SG		Well Number: 42-27
Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date	6/28/2012
The date the survey was conducted	

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.	Deviated
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)	No

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Customer Representative:		API / UWI: (leave blank if unknown) AFEYKSTJN2JL5MCAAAA
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Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Garfield

Primary Cement Job= Casing job, Liner job, or Tie-back job.	
Was this a Plug or a Squeeze Job? Please select the appropriate choice	No
Was this a Primary or a Remedial Job? Kick off plug, Plug to Abandon, LCM plug or Planned Liner Top Squeeze, Squeeze of existing perforations, Squeeze of casing leak	No
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	100
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