
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**PA 44-2
PARACHUTE
Garfield County , Colorado**

**Cement Surface Casing
04-Feb-2013**

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2972781	Quote #:	Sales Order #: 900114860
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Valad, Gary	
Well Name: PA		Well #: 44-2	API/UWI #: 05-045-20898
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.466 deg. OR N 39 deg. 27 min. 57.506 secs.		Long: W 107.954 deg. OR W -108 deg. 2 min. 45.481 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: SMITH, CHRISTOPHER	MBU ID Emp #: 452619

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CASTILLO, FRANCISCO P	0.0	513620	ROSE, BENJAMIN Keith	0.0	487022	SMITH, CHRISTOPHER Scott	0.0	452619

Equipment

HES Unit #	Distance-1 way						
10867425	60 mile	10872429	60 mile	10897891	60 mile	11259884	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
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Job			Date	Time	Time Zone
Formation Depth (MD)	Top	Bottom	Called Out	04 - Feb - 2013	11:00	MST
Form Type	BHST			On Location	04 - Feb - 2013	15:00
Job depth MD	1190. ft	Job Depth TVD	1190. ft	Job Started	04 - Feb - 2013	20:19
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	04 - Feb - 2013	21:21
Perforation Depth (MD)	From	To	Departed Loc	04 - Feb - 2013	22:30	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
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 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	Water Spacer		20.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	170.0	sacks	12.3	2.38	13.75		13.75
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.11	11.75		11.75
4	Displacement		88.00	bbl	8.33	.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: PA		Well #: 44-2	API/UWI #: 05-045-20898
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.466 deg. OR N 39 deg. 27 min. 57.506 secs.		Long: W 107.954 deg. OR W -108 deg. 2 min. 45.481 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: SMITH, CHRISTOPHER	MBU ID Emp #: 452619

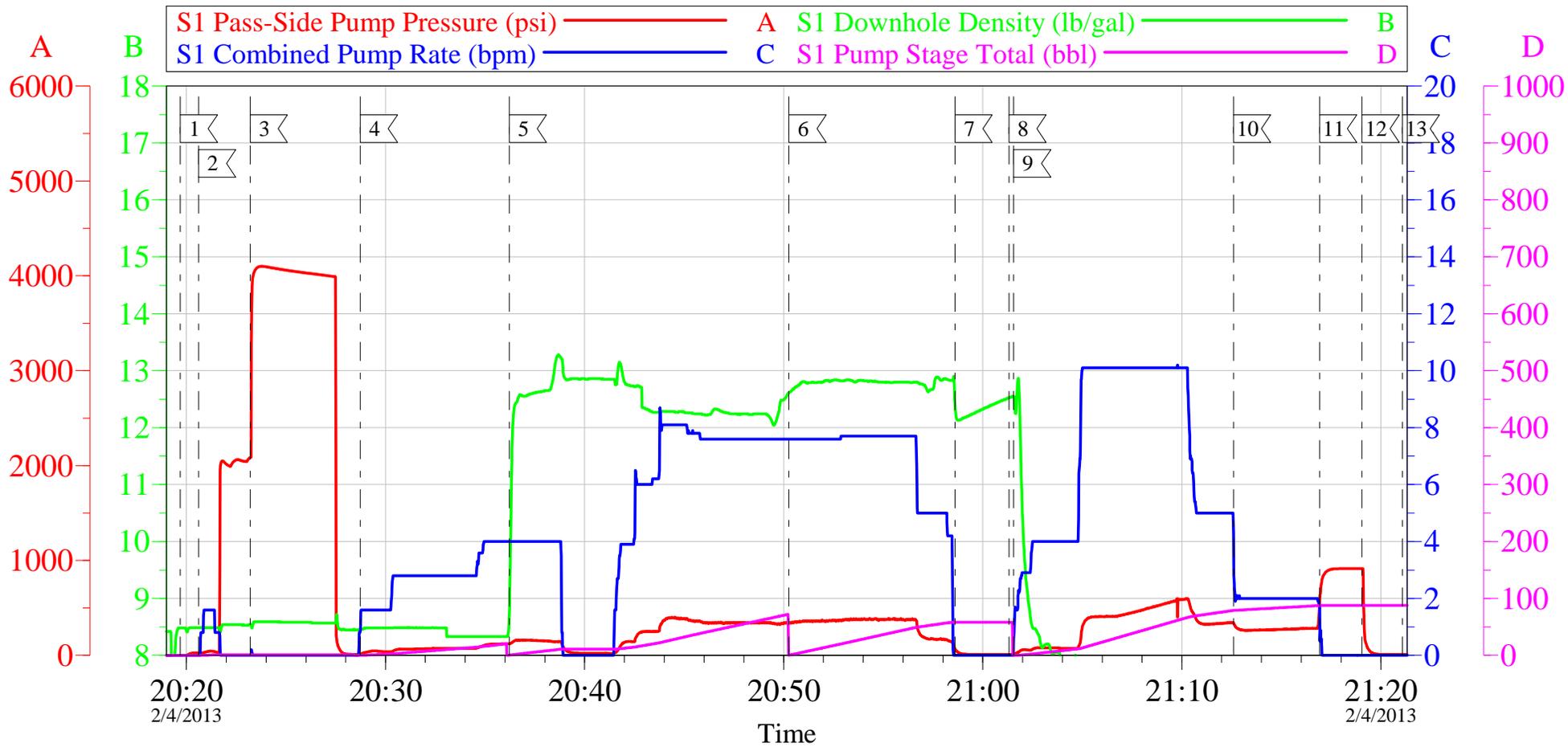
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	02/04/2013 13:30							ALL HES PERSONEL
Crew Leave Yard	02/04/2013 13:35							
Arrive At Loc	02/04/2013 15:00							RIG RUNNING CASEING.
Assessment Of Location Safety Meeting	02/04/2013 15:30							ALL HES PERSONEL
Rig-Up Equipment	02/04/2013 19:30							
Pre-Job Safety Meeting	02/04/2013 20:05							ALL HES PERSONEL AND RIG CREW
Start Job	02/04/2013 20:19							TD 1190', TP 1175', SJ 47', OH 13.25", CSG 9.625" 32.3# H40 , MUD 10.4 PPG.
Other	02/04/2013 20:20		2	2			45.0	FILL LINES
Pressure Test	02/04/2013 20:23		0.5	0.5				ALL LINES HELD PRESSURE @ 4100 PSI
Pump Spacer 1	02/04/2013 20:28		4	20			120.0	FRESH WATER
Pump Lead Cement	02/04/2013 20:36		8	72			360.0	170 SKS, 12.3 PPG, 2.38 FT3/SK, 13.75 GAL/SK, SET UP TIME 2:38 @ 70 BC. SHUTDOWN TO WEIGH UP TUB AND FIX MIXING HEAD.
Pump Tail Cement	02/04/2013 20:50		8	60			380.0	160 SKS, 12.8 PPG, 2.11 FT3/ SK, 11.75 GAL/SK, SET UP TIME 1:51 @ 70 BC

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	02/04/2013 20:58							WASH UP ON TOP OF PLUG PER CUSTOMER EP
Drop Top Plug	02/04/2013 21:01							PLUG WENT
Pump Displacement	02/04/2013 21:01		10	78.8			590.0	FRESH WATER
Slow Rate	02/04/2013 21:12		2	10			287.0	
Bump Plug	02/04/2013 21:16			88.8			913.0	PLUG BUMPED
Check Floats	02/04/2013 21:19							FLOATS HELD
End Job	02/04/2013 21:21							GOOD CIRCULATION THROUGHOUT JOB, 20 BBLs OF CEMENT TO SURFACE, PIPE WAS NOT MOVED DURING THE JOB.
Post-Job Safety Meeting (Pre Rig-Down)	02/04/2013 21:25							ALL HES PERSONEL
Rig-Down Completed	02/04/2013 22:20							
Depart Location Safety Meeting	02/04/2013 22:25							ALL HES PERSONEL
Crew Leave Location	02/04/2013 22:30							
Other	02/04/2013 22:31							THANK YOU FOR CHOOSING HALLIBURTON, CHRIS SMITH AND CREW

WPX / PA 44-2

9.625" SURFACE

DROPPED HAMMER FROM CONTROL STAND, HEAD SWAPED TO HAND, SET VALUE OF DOWNHOLE.



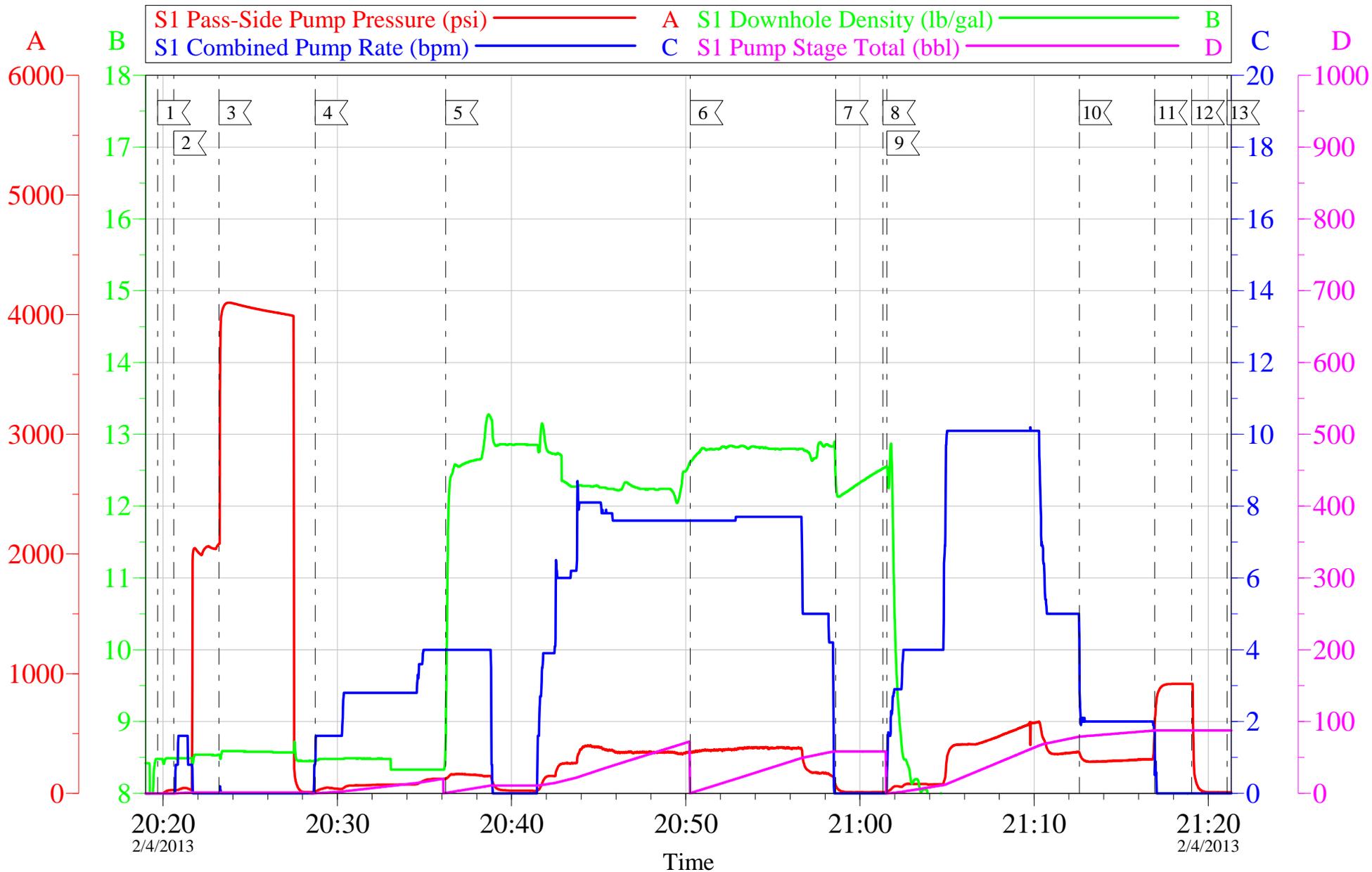
Local Event Log								
1	START JOB	20:19:41	2	FILL LINES	20:20:37	3	TEST LINES	20:23:12
4	H2O SPACER	20:28:44	5	LEAD CEMENT	20:36:13	6	TAIL CEMENT	20:50:16
7	SHUTDOWN	20:58:37	8	DROP PLUG	21:01:19	9	H2O DISPLACEMENT	21:01:33
10	SLOW RATE	21:12:36	11	BUMP PLUG	21:16:55	12	CHECK FLOAT	21:19:03
13	END JOB	21:21:04						

Customer:	WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Job Date:	04-Feb-2013	Sales Order #:	900114860
Well Description:	PA 44-2	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	G.VALAD	Cement Supervisor:	C.SMITH	Elite #7:	B.ROSE

WPX / PA 44-2

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Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS	Job Date: 04-Feb-2013	Sales Order #: 900114860
Well Description: PA 44-2	Job Type: SURFACE	ADC Used: YES
Company Rep: G.VALAD	Cement Supervisor: C.SMITH	Elite #7: B.ROSE

OptiCem v6.4.10
04-Feb-13 21:36

Sales Order #: 900114860	Line Item: 10	Survey Conducted Date: 2/4/2013
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: G.VALAD		API / UWI: (leave blank if unknown) 05-045-20898
Well Name: PA		Well Number: 44-2
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	2/4/2013
Survey Interviewer	The survey interviewer is the person who initiated the survey.	CHRISTOPHER SMITH (HB20137)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	G.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. THANKS

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	2/4/2013
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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Customer Representative: G.VALAD		API / UWI: (leave blank if unknown) 05-045-20898
Well Name: PA		Well Number: 44-2
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	94
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