
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

SG 422-23
GRAND VALLEY
Garfield County , Colorado

Cement Surface Casing
28-Jan-2012

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2904874	Quote #:	Sales Order #: 9217925
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Towers, Ron	
Well Name: SG		Well #: 422-23	API/UWI #: 05-045-20830
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.427 deg. OR N 39 deg. 25 min. 37.898 secs.		Long: W 108.082 deg. OR W -109 deg. 55 min. 6.017 secs.	
Contractor: H&P 271		Rig/Platform Name/Num: H&P 271	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: SCOTT, KYLE		Srvc Supervisor: MAGERS, MICHAEL	MBU ID Emp #: 339439

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
EICKHOFF, ROBERT Edward	10	495311	MAGERS, MICHAEL Gerard	10	339439	THOMAS PONDER	10	427112
WADE, LOGAN D	10	488896						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248057	60 mile	10871245	60 mile	11021972	60 mile	11027039	60 mile
11259886	60 mile	11360881	60 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
01/28/2012	10	1						

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	28 - Jan - 2012	06:15 MST
Form Type	BHST			On Location	28 - Jan - 2012	11:00 MST
Job depth MD	1410. ft	Job Depth TVD	1410. ft	Job Started	28 - Jan - 2012	19:48 MST
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	28 - Jan - 2012	20:43 MST
Perforation Depth (MD)	From	To		Departed Loc	28 - Jan - 2012	21:30 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
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	9.625	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		20	bbl	8.33	.0	.0	.0	
2	Versacem Lead	VERSACEM (TM) SYSTEM (452010)	200	sacks	12.3	2.38	13.75		13.75
	13.75 Gal	FRESH WATER							
3	VersaCem Tail	VERSACEM (TM) SYSTEM (452010)	160	sacks	12.8	2.11	11.75		11.75
	11.75 Gal	FRESH WATER							
4	Displacement Fluid		106.5	bbl	8.34	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	106.5	Shut In: Instant		Lost Returns	0	Cement Slurry	145	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	15	Actual Displacement	106.5	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	272
Rates									
Circulating	RIG	Mixing	8	Displacement	9/2	Avg. Job			8
Cement Left In Pipe	Amount	40 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: SG		Well #: 422-23	API/UWI #: 05-045-20830
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.427 deg. OR N 39 deg. 25 min. 37.898 secs.		Long: W 108.082 deg. OR W -109 deg. 55 min. 6.017 secs.	
Contractor: H&P 271		Rig/Platform Name/Num: H&P 271	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: SCOTT, KYLE		Srvc Supervisor: MAGERS, MICHAEL	MBU ID Emp #: 339439

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Crew Leave Yard	01/28/2012 09:00							HES ALL PRESENT
Arrive At Loc	01/28/2012 11:00							HES ARRIVED ON LOCATION 1/2 HR EARLY/RIG WAS PULLING DRILL PIPE/RIG CIRCULATED THROUGH PLUG CONTAINER WHILE HES RIGGED UP AND CASERS RIGGED DOWN
Assessment Of Location Safety Meeting	01/28/2012 11:10							LOCATION IN GOOD CONDITION/KINDA TIGHT/LOCATION DRY
Pre-Rig Up Safety Meeting	01/28/2012 18:15							JSA ON RIGGING UP
Rig-Up Equipment	01/28/2012 18:30							1 PICKUP 1 ELITE 1 BULK TRUCK 1 BODYLOAD
Safety Huddle	01/28/2012 19:30							RIG CREW AND HES ALL PRESENT
Start Job	01/28/2012 19:48							TD- 1410 TP-1393 SJ-40 MW-9.5 CSG- 9 5/8 32.3# OH-13 1/2"
Other	01/28/2012 19:49		2	2			80.0	FILL LINES
Pressure Test	01/28/2012 19:51		0.5	0.5			5504.0	PSI TEST OK
Pump Spacer 1	01/28/2012 19:56		4	20			242.0	FRESH WATER
Pump Lead Cement	01/28/2012 20:03		8	84.8			529.0	VERSACEM 200 SKS 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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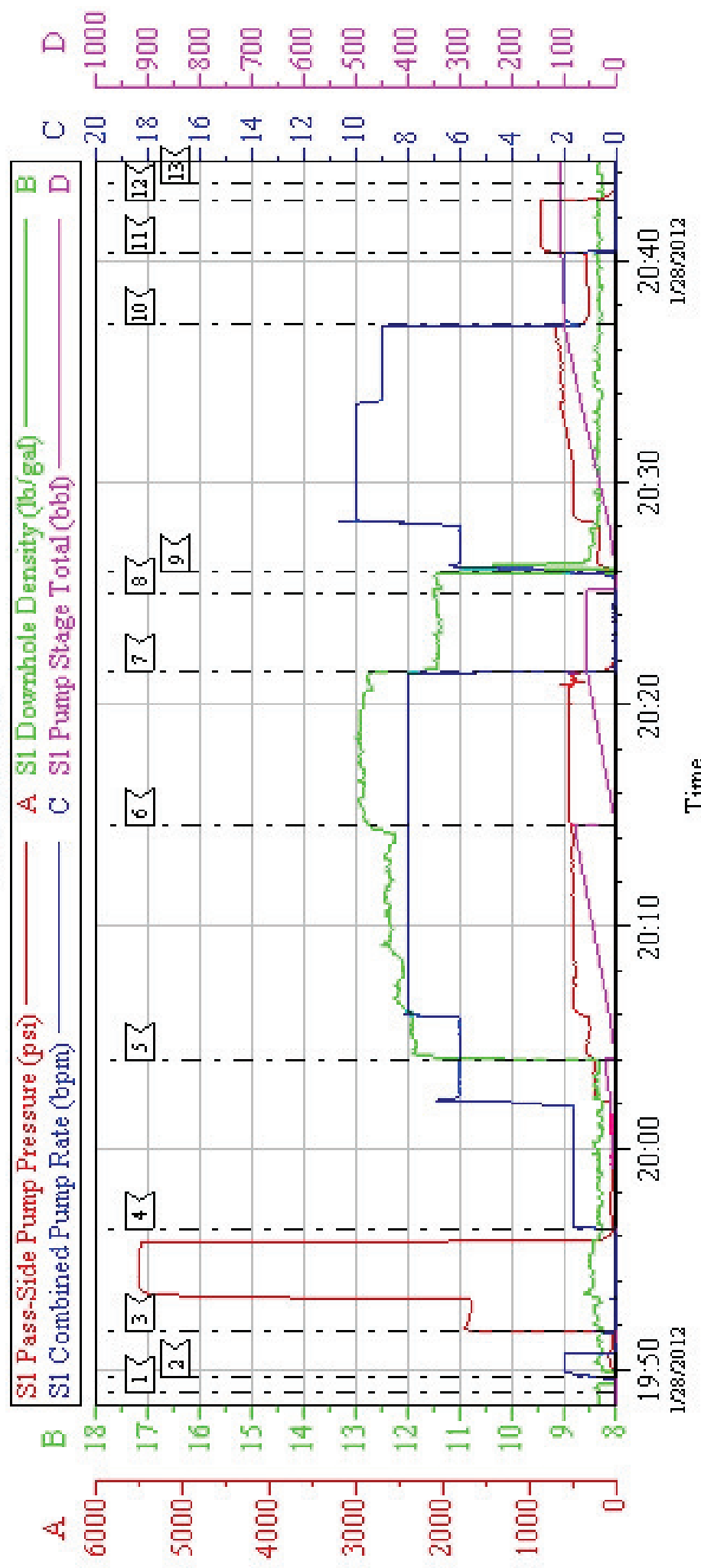
Quote # :

Sales Order # : 9217925

		#	Stage	Total	Tubing	Casing	
Pump Tail Cement	01/28/2012 20:14		8	60.1			539.0 VERSACEM 160 SKS 12.8 PPG 2.11 FT3/SK 11.75 GAL/SK
Shutdown	01/28/2012 20:21						CLEANED UP ON TOP OF PLUG PER COMPANY REP
Drop Plug	01/28/2012 20:24						PLUG AWAY NO PROBLEMS
Pump Displacement	01/28/2012 20:25		10	106.5			678.0 FRESH WATER
Slow Rate	01/28/2012 20:37		2	96			327.0 GOT 15 BBLs TO SURFACE
Bump Plug	01/28/2012 20:40		2	106.5			340.0 BUMPED PLUG
Check Floats	01/28/2012 20:42			106.5			855.0 FLOATS HELD/GOT 3/4 BBL BACK INTO TANKS/USED 60 LBS OF SUGAR IN CELLAR
End Job	01/28/2012 20:43						HAD GOOD CIRCULATION THROUGHOUT JOB/THANKS FOR USING HES AND THE CREW OF MIKE MAGERS

WILLIAMS H&P 271 SG 422-23

9.625 SURFACE

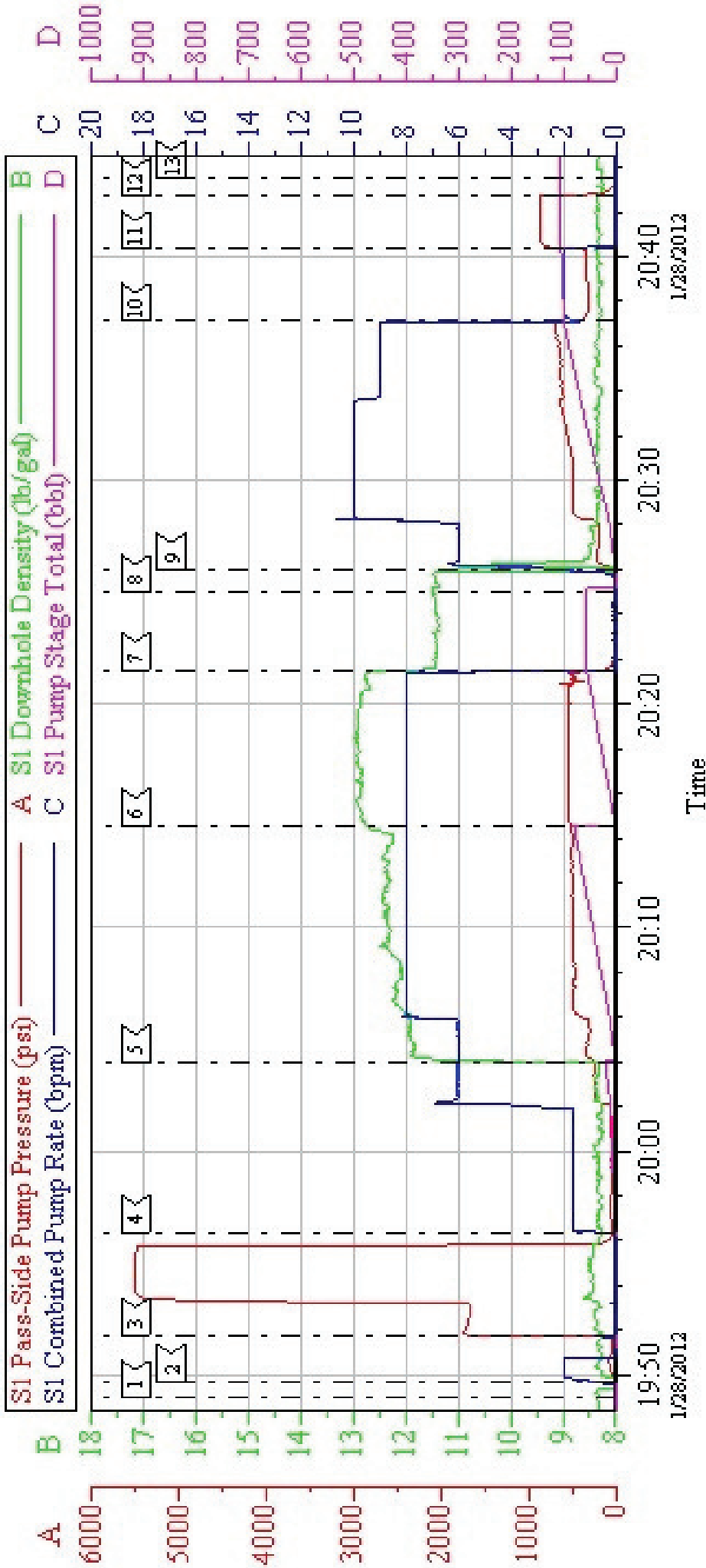


1	START JOB	19:48:58	2	FILL LINES	19:49:41
3	PRESSURE TEST	19:51:46	4	PUMP SPACER	19:56:23
5	PUMP LEAD CEMENT	20:03:58	6	PUMP TAIL CEMENT	20:14:32
7	SHUT DOWN	20:21:31	8	DROP PLUG	20:24:59
9	PUMP FRESH WTR DISPLACEMENT	20:25:57	10	SLOW RATE	20:37:08
11	BUMP PLUG	20:40:21	12	CHECK FLOATS	20:42:43
13	END JOB	20:43:30			

Customer:	WPX H&P 271	Job Date:	28-Jan-2012	Sales Order #:	9217925
Well Description:	SG 422-23	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	RON TOWERS	Cement Supervisor:	MIKE MAGERS	Elite #:	8
				THOMAS PONDER	

WILLIAMS H&P 271 SG 422-23

9.625 SURFACE



HALLIBURTON

Water Analysis Report

Company: WILLIAMS H&P 271

Date: 1/28/2012

Submitted by: MIKE MAGERS

Date Rec: 1/28/2012

Attention: J.Trout/ C.Martinez

S.O.# 9217925

Lease SG

Job Type: SURFACE

Well # 422-23

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	7
Potassium (K)	<i>5000</i>	250 Mg / L
Calcium (Ca)	<i>500</i>	120 Mg / L
Iron (FE2)	<i>300</i>	0 Mg / L
Chlorides (Cl)	<i>3000</i>	0 Mg / L
Sulfates (SO ₄)	<i>1500</i>	under 200 Mg / L
Chlorine (Cl ₂)		0 Mg / L
Temp	<i>40-80</i>	50
Total Dissolved Solids		130 Mg / L

Respectfully: MIKE MAGERS

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 its use.

Sales Order #: 9217925	Line Item: 10	Survey Conducted Date: 1/28/2012
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: RON TOWERS		API / UWI: (leave blank if unknown) 05-045-20830
Well Name: SG		Well Number: 422-23
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	1/28/2012
Survey Interviewer	The survey interviewer is the person who initiated the survey.	MICHAEL MAGERS (HX13672)
Customer Participation	Did the customer participate in this survey? (Y/N)	Yes
Customer Representative	Enter the Customer representative name	RON TOWERS
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:	Well State: Colorado	Well County: Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	1/28/2012

Cementing KPI Survey	
Type of Job Select the type of job <input type="checkbox"/> Cementing or Non-Cementing <input type="checkbox"/>	0
Select the Maximum Deviation range for this Job What is the biggest 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 <input type="checkbox"/> Pumping <input type="checkbox"/> Rig-down <input type="checkbox"/> Enter in decimal format	3
HSE Incident <input type="checkbox"/> Accident <input type="checkbox"/> Injury HSE Incident <input type="checkbox"/> Accident <input type="checkbox"/> Injury <input type="checkbox"/> 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 <input type="checkbox"/> Enter in decimal format	1
Customer Non-Productive Rig Time (hrs) Lost time due to Halliburton in the start <input type="checkbox"/> execution <input type="checkbox"/> or completion of an ordered service or product <input type="checkbox"/> or delays in a follow-on service <input type="checkbox"/> Enter in decimal format: 0 if none	0
Type of Rig Classification Job Was Performed Type Of Rig <input type="checkbox"/> classification <input type="checkbox"/> Job Was Performed On	Drilling Rig <input type="checkbox"/> Portable <input type="checkbox"/>
Number Of JSAs Performed Number Of Jsas Performed	4
Number of Unplanned Shutdowns Unplanned shutdown is <input type="checkbox"/> open injection stops for an <input type="checkbox"/> period of time	0
Was this a Primary Cement Job (Yes / No)	Yes

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Well Type: Development Well	Well Country: United States of America	
H2S Present:	Well State: Colorado	Well County: Garfield

Primar <input type="checkbox"/> Cement Job <input type="checkbox"/> Casing Job <input type="checkbox"/> Liner Job <input type="checkbox"/> or Tie-back <input type="checkbox"/> Job <input type="checkbox"/>	
Did We Run Wiper Plugs? Did We Run Top And Bottom Casing Wiper Plugs <input type="checkbox"/>	Top
Min Density of Job Stayed in Design 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 <input type="checkbox"/>	Yes
Pump Rate (percent) of Job Stayed At Design Pump Rate Pump Rate range defined as +/- 1 bbl/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 Square Jobs Required After Primary Job Performed Because of Competition Number Of Remedial Square Jobs Required After Primary Job Performed Because of Competition	0
Nbr of Remedial Plug Jobs Required Because of HES Number Of Remedial Plug Jobs Needed After Primary Plug Pumped Because of HES	0
Nbr of Remedial Square Jobs Required Because of HES Number Of Remedial Square Jobs Required After Primary Job Performed Because of HES	0