

The Road to Excellence Starts with Safety

Sold To #: 300721		Ship To #: 3107687		Quote #:		Sales Order #: 900795979							
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS				Customer Rep: Ragsdale, Ted									
Well Name: RG		Well #: 331-23-298		API/UWI #:									
Field: SULFUR CREEK		City (SAP): MEEKER		County/Parish: Rio Blanco		State: Colorado							
Contractor: Cyclone		Rig/Platform Name/Num: Cyclone 29											
Job Purpose: Cement Multiple Stages													
Well Type: Development Well		Job Type: Cement Multiple Stages											
Sales Person: MAYO, MARK		Srvc Supervisor: DEAN, MARK		MBU ID Emp #: 454214									
Job Personnel													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs						
DEAN, MARK	10	454214	HUNTER, SAMUEL	10	479669	LYNGSTAD, FREDRICK D	8						
Christophe			David										
WYATT, BARRETT	10	543562					403742						
Douglas													
Equipment													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way						
11526494	80	11189139											
Job Hours													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours						
10-04-13	10	10											
TOTAL													
Total is the sum of each column separately													
Job				Job Times									
Formation Name	Formation Depth (MD) Top	Bottom	Job Times	Date	Time	Time Zone							
			Called Out	03 - Oct - 2013	18:00	MST							
Form Type		BHST	On Location	04 - Oct - 2013	02:00	MST							
Job depth MD	3417 ft	Job Depth TVD	Job Started	04 - Oct - 2013	06:29	MST							
Water Depth		Wk Ht Above Floor	Job Completed	04 - Oct - 2013	10:23	MST							
Perforation Depth (MD) From		To	Departed Loc	04 - Oct - 2013	12:00	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		
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	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		
Stage/Plug #: 1													
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom		

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 Spacer		40	bbl	8.33	.0	.0	.0	
2	1st Stage HLC Lead Cement	EGONOCEM (TM) SYSTEM (452992)	605	sacks	12.8	1.77	9.34		9.34
	0.25 lbm	POLY-E-FLAKE (101216940)							
	0.35 %	HR-5, 50 LB SK (100005050)							
	9.34 Gal	FRESH WATER							
3	1st Stage Varicem Tail Cement	VARICEM (TM) CEMENT (452009)	185	sacks	12.8	1.96	10.95		10.95
	0.3 lbm	POLY-E-FLAKE (101216940)							
	10.95 Gal	FRESH WATER							
4	Displacement		262	bbl	8.33	.0	.0	.0	
5	Fresh Water Spacer		22	bbl	8.33	.0	.0	.0	
6	2nd Stage VariCem Cement	VARICEM (TM) CEMENT (452009)	760	sacks	12.8	1.96	10.95		10.95
	0.3 lbm	POLY-E-FLAKE (101216940)							
	10.95 Gal	FRESH WATER							
7	Displacement		101	bbl	8.33	.0	.0	.0	
Calculated Values			Pressures			Volumes			
Displacement	262/101	Shut In: Instant		Lost Returns	YES	Cement Slurry	520	Pad	
Top Of Cement	SURF	5 Min		Cement Returns	NO	Actual Displacement	262/101	Treatment	
Frac Gradient		15 Min		Spacers	62	Load and Breakdown		Total Job	883
Rates									
Circulating	6	Mixing	6	Displacement	8	Avg. Job	7		
Cement Left In Pipe	Amount	28 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: RG	Well #: 331-23-298	API/UWI #:	
Field: SULFUR CREEK	City (SAP): MEEKER	County/Parish: Rio Blanco	State: Colorado
Legal Description:			
Lat:		Long:	
Contractor: Cyclone		Rig/Platform Name/Num: Cyclone 29	
Job Purpose: Cement Multiple Stages			Ticket Amount: \$44,135.83
Well Type: Development Well		Job Type: Cement Multiple Stages	
Sales Person: MAYO, MARK		Srv Supervisor: DEAN, MARK	
		MBU ID Emp #: 454214	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	10/03/2013 18:30							Crew Called Out @ 18:30
Pre-Convoy Safety Meeting	10/03/2013 21:30							Discussed Planned Route, Driving in a Blizzard, Chaining Up & Safe Driving. Level 2 Journey.
Depart from Service Center or Other Site	10/03/2013 22:00							Departed Yard in Convoy. Chained up once off of Pavement. RCM Exhaust Stack for Auxiliary & Passenger Side Deck Motors went missing en route.
Arrive at Location from Service Center	10/04/2013 02:00							Pulled Equipment Off the Road to Inspect Site.
Assessment Of Location Safety Meeting	10/04/2013 02:05							Discussed Layout & Spotting Equipment
Pre-Rig Up Safety Meeting	10/04/2013 02:20							Discussed PPE, Red Zones, Working in the Snow & Other Hazards.
Rig-Up Equipment	10/04/2013 02:30							Rigged up Safely to Customer & HES Standards. iCem would not open to Chart. Called IT. Internet Connection Too Slow to solve.
Pre-Job Safety Meeting	10/04/2013 06:00							Discussed Job Procedure & Safety Concerns with Customer & Crew
Test Lines	10/04/2013 06:33							Tested Lines to 3000 psi (Pressure Held)
Pump Water	10/04/2013 06:40		5	20			200.0	Pumped 20 BBL Water Ahead.

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Friday, October 04, 2013 12:15:00

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	10/04/2013 06:45							Shutdown. Displacement Tank Valve Frozen.
Pump Water	10/04/2013 06:49		5	20			200.0	Put Alcohol in Air Lines & Continued Pumping. (Valve Fixed)
Pump Lead Cement	10/04/2013 06:54		5	10			230.0	Pumped 10 BBL Lead CMT could not maintain Delivery.
Shutdown	10/04/2013 07:00							Product Line Packed Off. Disconnected, and Emptied Line. Shutdown 10 Minutes Total.
Pump 1st Stage Lead Slurry	10/04/2013 07:10		5	190.7			230.0	Continued Pumping. Pumped 190.7 BBL Total 1st Stage Lead CMT @ D: 12.8# Y: 1.77 W: 9.34 (605 sks)
Pump 1st Stage Tail Slurry	10/04/2013 07:41		5	64.5			200.0	Pumped 64.5 BBL Tail CMT @ D: 12.8# Y: 1.96 W: 10.95 (185 sks)
Shutdown	10/04/2013 07:53							Shutdown to Drop 1st Stage Plug.
Drop Plug	10/04/2013 07:57							Tattle Tell Opened. (Plug successfully Launched)
Clean Lines	10/04/2013 08:00							Washed up on Top of Plug with first 10 BBL of Displacement.
Pump Displacement	10/04/2013 08:00		8	262			230.0	Pumped 262 BBL of Fresh Water Displacement
Slow Rate	10/04/2013 08:12		2	93			20.0	Slowed Rate to 2 BPM @ 93 BBL Gone for 20 BBL to clear DV Tool.
Other	10/04/2013 08:32		8	113			230.0	Picked Rate back up to 8 BPM.
Other	10/04/2013 08:41		8	180			500.0	Lost Returns @ 180 BBL Away. Did not Regain. Customer did not want to slow rate.
Slow Rate	10/04/2013 08:50		3	250			375.0	Slowed rate to 3 BPM to Land Plug.
Bump Plug	10/04/2013 08:51		3	262			400.0	Bumped 1st Stage Plug @ 400psi. 500 psi over to 900psi
Check Floats	10/04/2013 08:53							1 BBL back to Truck

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Friday, October 04, 2013 12:15:00

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Opening Device For Multiple Stage Cementer	10/04/2013 08:55							Dropped Opening Device and let Freefall for 10 minutes. Pre Loaded 2nd Stage Plug.
Open Multiple Stage Cementer	10/04/2013 09:11		1	1			670.0	Tool Opened @ 670 psi.
Circulate Well	10/04/2013 09:11		6	22			180.0	Circulated 22 BBL of Fresh Water through tool. Weighed up 2nd Stage CMT.
Returns To Surface	10/04/2013 09:14		6	15			160.0	Returns back to Surface @ 15 BBL Gone.
Pump 2nd Stage Tail Slurry	10/04/2013 09:17		6	265			300.0	Pumped 265 BBL of 2nd Stage Tail CMT @ D: 12.8# Y: 1.96 W: 10.95 (760 sks)
Returns To Surface	10/04/2013 09:44		6	156			260.0	Water Returns to Surface from 1st Stage Spacer @ 156 BBL Away. Cement from 1st Stage did not Return to Surface.
Other	10/04/2013 09:52		6	230			200.0	Lost Returns @ 230 BBL Away. Never Regained.
Shutdown	10/04/2013 10:01							Shutdown to Drop 2nd Stage Plug.
Drop Plug	10/04/2013 10:02							Tattle Tell Opened. (Closing Plug successfully Launched)
Pump Displacement	10/04/2013 10:03		8	101			325.0	Pumped 101 BBL Fresh Water Displacement.
Slow Rate	10/04/2013 10:16		3	90			125.0	Slowed to 3BPM to Land Plug.
Bump Plug	10/04/2013 10:19		3	101			150.0	Bumped Plug @ 150 psi. Pressured over to 1400psi.
Close Multiple Stage Cementer	10/04/2013 10:21							Bled Pressure & Pressured back up to 1600psi to Close Tool.
Check Floats	10/04/2013 10:23							Checked Floats. 1 BBL back to Truck. Floats Held.
Pre-Rig Down Safety Meeting	10/04/2013 10:25							Discussed Trapped Pressure, Overhead Loads, & Other Hazards.
Rig-Down Equipment	10/04/2013 10:35							Rigged Down Safely to Customer & HES Standards.

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Friday, October 04, 2013 12:15:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	10/04/2013 12:15							Discussed Safe Driving and Chaining Down.
Depart Location for Service Center or Other Site	10/04/2013 12:30							Thankyou for Chosing Halliburton!

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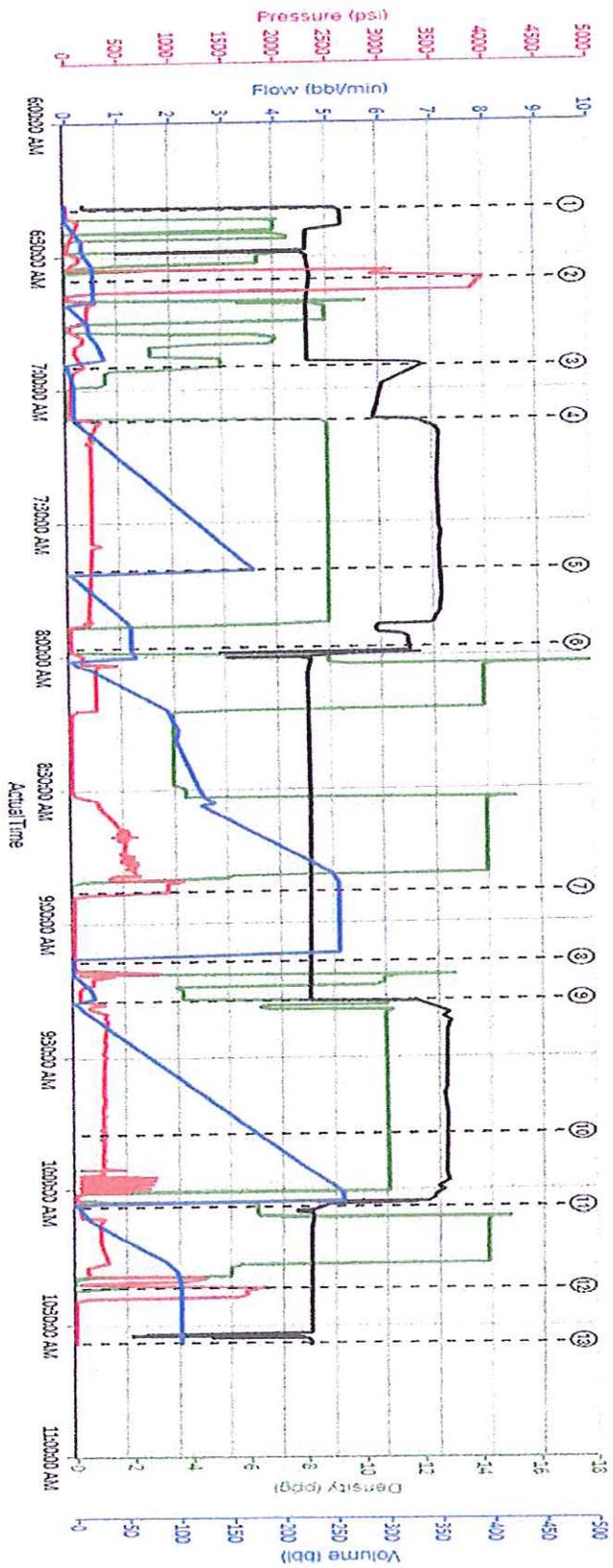
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Friday, October 04, 2013 12:15:00

WPX Multi-Stage Surface RG 331-23-298



- ① Start Job 0.9:53:20 63.0.14
- ② Test Lines 0.8:44:39 63.06:27.19
- ③ Pump Speeder 0.1:15:12 05:13:1 62.5.29
- ④ Pump 1st Stage Lead Slurry 0.59:12:23 2:08:22.12.76
- ⑤ Pump 1st Stage Tail Slurry 0.4:38:12 88:218 89.2.13
- ⑥ Drop Ball 0.1:15:13 7.60.28
- ⑦ Shift Tool Circulate Backside Open 0.8:21:27 18.255.7
- ⑧ Pump Speeder 1 0.8:27:15 02.0
- ⑨ Pump 2nd Stage Lead Slurry 0.6:53:12 18:279 88.4.09
- ⑩ Pump 2nd Stage Tail Slurry 0.6:57:12 88:308 81.80.76
- ⑪ Pump Displacement 3 0.8:32:52 49.5.97
- ⑫ Close Multiple Stage Cementer 0.8:22:16 46:51.101.86
- ⑬ End Job 0.8:15:15 02:101.86

Rate (gal/min) Density (ppg) DS Pump Press (psi) Stage Total (bbl)

Customer: WPX ENERGY ROCKY MOUNTAIN LLC
 EBUS
 Representative: Mark Dean

Job Date: 10/4/2013 6:17:44 AM
 Sales Order #: 90735579

Well: RG 331-23-298

Current Date: 10/15/2013 Version: 2.0.0.0

Exit