

*The Road to Excellence Starts with Safety*

Sold To #: 300721	Ship To #: 3105799	Quote #:	Sales Order #: 900747514
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Oaks, Rick	
Well Name: RU	Well #: 43-5	API/UWI #: 05-045-21770	
Field: RULISON	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
Lat: N 39.475 deg. OR N 39 deg. 28 min. 28.852 secs.		Long: W 107.799 deg. OR W -108 deg. 12 min. 4.547 secs.	
Contractor: NABORS 574		Rig/Platform Name/Num: NABORS 576	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor: SMITH, DUSTIN	MBU ID Emp #: 418015

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ANDERSON, ADAM	8.5	456683	EICKHOFF, ROBERT	8.5	495311	SMITH, DUSTIN	8.5	418015
S			Edward			Michael		

**Equipment**

HES Unit #	Distance-1 way						
	60 mile	10297346	60 mile	10973571	60 mile	11583932	60 mile
11808849	60 mile						

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
09/16/13	8.5	2						

**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	15 - Sep - 2013	20:30 MST
Form Type	BHST			On Location	16 - Sep - 2013	00:30 MST
Job depth MD	1127.9 ft	Job Depth TVD	1127.9 ft	Job Started	16 - Sep - 2013	06:38 MST
Water Depth		Wk Ht Above Floor	5. ft	Job Completed	16 - Sep - 2013	07:29 MST
Perforation Depth (MD) From		To		Departed Loc	16 - Sep - 2013	09:00 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	9 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	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 ft3/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 lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1									
1	Fresh Water Spacer		20.00	bbl	8.33	.0	.0	4.0	
2	VariCem GJ1 Lead Cement	VARICEM (TM) CEMENT (452009)	160.0	sacks	12.3	2.38	13.75	8.0	13.75
	13.75 Gal	FRESH WATER							
3	VariCem GJ1 Tail Cement	VARICEM (TM) CEMENT (452009)	160.0	sacks	12.8	2.11	11.75	8.0	11.75
	11.75 Gal	FRESH WATER							
4	Fresh Water Displacement		85.5	bbl	8.33	.0	.0	10.0	
Calculated Values		Pressures		Volumes					
Displacement	85.5	Shut In: Instant		Lost Returns	0	Cement Slurry	127.9	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	30	Actual Displacement	85.5	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	233.4
Rates									
Circulating		Mixing	8	Displacement	10	Avg. Job			9
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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Field: RULISON	City (SAP): RIFLE	County/Parish: Garfield	State: Colorado
<b>Legal Description:</b>			
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Contractor: NABORS 574		Rig/Platform Name/Num: NABORS 576	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MAYO, MARK		Srvc Supervisor: SMITH, DUSTIN	MBU ID Emp #: 418015

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/15/2013 20:30							ELITE # 9
Depart Yard Safety Meeting	09/15/2013 22:30							ALL HES EMPLOYEES
Arrive At Loc	09/16/2013 00:30							ARRIVED ON LOCATION 2 HOURS EARLY DIDNT START CHARGING TIME UNTIL REQUESTED ON LOCATION TIME RIG POOH W/ DRILL PIPE
Assessment Of Location Safety Meeting	09/16/2013 04:50							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	09/16/2013 04:50							ALL HES EMPLOYEES
Rig-Up Equipment	09/16/2013 05:00							1 HT-400 PUMP TRUCK ( ELITE #9) 1 660-BULK TRUCK 1 F-550 PICKUP
Pre-Job Safety Meeting	09/16/2013 06:25							ALL HES EMPLOYEES AND RIG CREW
Start Job	09/16/2013 06:38							TD:1175 TP: 1127.93 SJ: 41.60 9 5/8 32.3# H-40 CSG 13 1/2 OH MUD WT: 9.6 PPG VIS-60
Test Lines	09/16/2013 06:39					3000.0		PRESSURE TEST OK
Pump Spacer	09/16/2013 06:43		4	20			127.0	FRESH H2O SPACER
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Pump Lead Cement	09/16/2013 06:51		8	67.8		420.0	160 SKS 2.38 YIELD 13.75 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT LEAD CEMENT
Pump Tail Cement	09/16/2013 07:00		8	60.1		380.0	160SKS 2.11 YIELD 11.75 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT
Shutdown	09/16/2013 07:08						
Drop Plug	09/16/2013 07:10						PLUG AWAY NO PROBLEMS WASHED UP ON TOP OF PLUG AS PER COMPANY REP
Pump Displacement	09/16/2013 07:10		10	85.5		628.0	FRESH WATER DISPLACEMENT
Slow Rate	09/16/2013 07:20		2	75		265.0	SLOW RATE TO BUMP PLUG
Bump Plug	09/16/2013 07:25		2	85.5		776.0	PSI BEFORE BUMPING PLUG @ 280 BUMPED UP TO 776 PSI
Check Floats	09/16/2013 07:27						FLOATS ARE HOLDING 1 BBL BACK TO DISPLACEMENT TANKS
End Job	09/16/2013 07:29						PIPE WAS STATIC THROUGHOUT JOB RETURNED 30 BBLS OF CEMENT TO SURFACE
Comment	09/16/2013 07:30						RIG USED 80#S OF SUGAR AND ADJUSTED TICKET ACCORDINGLY REMOVED ADD HOURS AND DERRICK CHARGE FROM TICKET
Pre-Rig Down Safety Meeting	09/16/2013 07:35						ALL HES EMPLOYEES
Rig-Down Equipment	09/16/2013 07:45						
Pre-Convoy Safety Meeting	09/16/2013 08:50						ALL HES EMPLOYEES
Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl		Pressure psig	Comments

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SUMMIT Version: 7.3.0106

Monday, September 16, 2013 07:59:00

# HALLIBURTON

## *Cementing Job Log*

		#		Stage	Total	Tubing	Casing	
Crew Leave Location	09/16/2013 09:00							THANK YOU FOR USING HALLIBURTON CEMENT DUSTIN SMITH AND CREW

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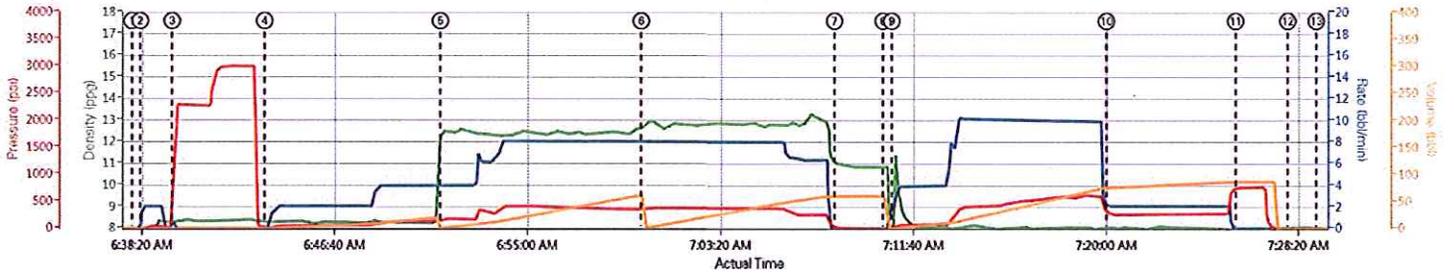
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Monday, September 16, 2013 07:59:00

WPX - RU 43-5 - 9 5/8 SURFACE



DH Density (ppg)    Comb Pump Rate (bb/min)    FS Pump Press (psi)    Pump Stg Tot (bbl)

1 Start Job 7:59:0,-12.0	4 Pump Fresh Water Spacer 8:3:0,10.0	7 Shutdown 11:02:0,10.0	8 Slow Rate 8:05:2.1,290,76.4	11 End Job 7:58:0,-15.0
2 Fill Lines 6:78:2.2,-70.2	5 Pump Lead Cement 12:55:4,175,1.1	9 Drop Top Plug 10:05:0,-0,00.0	10 Bump Plug 8:05:0,763,07.4	
3 Test Lines 8:31:0,1427,0.1	6 Pump Tail Cement 12:7:8,374,0.1	10 Pump Displacement 11:07:2.2,9,00.0	12 Check Floats 8:02:0,-15.0	

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Created: 2013-09-16 04:35:27, Version: 2.0.606

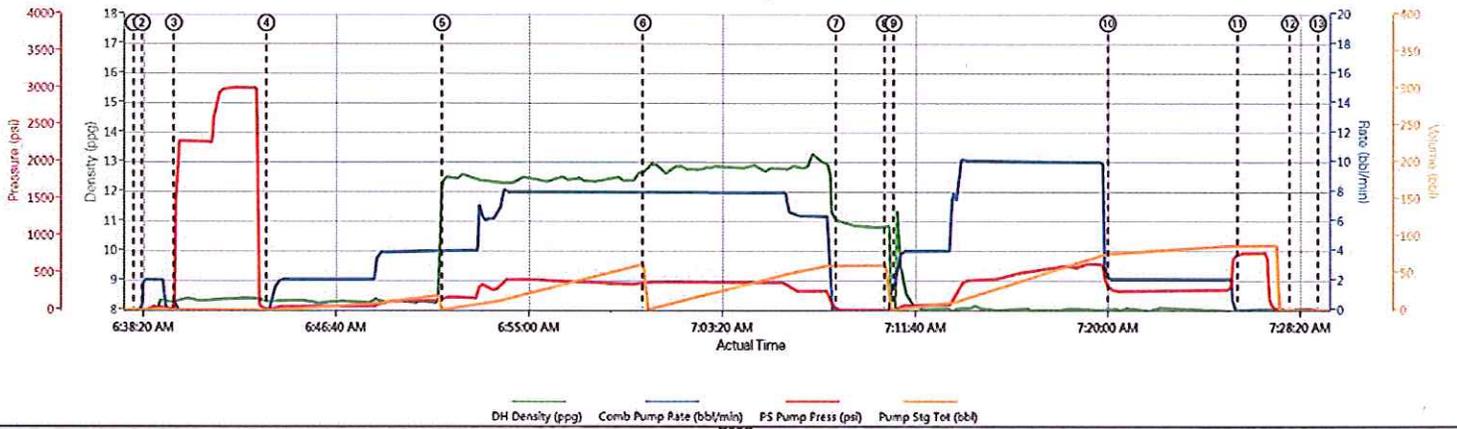
Edit

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS  
 Representative: RICK OAKS

Job Date: 9/16/2013 5:16:48 AM  
 Sales Order #: 800747514

Well: RU 43-5  
 ELITE # 9: DUSTIN SMITH / ADAM ANDERSON

WPX - RU 43-5 - 9 5/8 SURFACE



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