

HALLIBURTON

WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**Chevron TR (Trail Ridge) 42-34-597
TRAIL RIDGE
Garfield County , Colorado**

**Squeeze Perfs
11-Jul-2012**

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300721	Ship To #: 2863542	Quote #:	Sales Order #: 9629303
Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS		Customer Rep: Dunnik, Brian	
Well Name: Chevron TR (Trail Ridge)	Well #: 42-34-597	API/UWI #: 05-045-19223	
Field: TRAIL RIDGE	City (SAP): Parachute	County/Parish: Garfield	State: Colorado
Lat: N 39.578 deg. OR N 39 deg. 34 min. 40.8 secs.		Long: W 108.256 deg. OR W -109 deg. 44 min. 38.4 secs.	
Contractor: WORKOVER		Rig/Platform Name/Num: WORKOVER	
Job Purpose: Squeeze Perfs			
Well Type: Development Well		Job Type: Squeeze Perfs	
Sales Person: MAYO, MARK		Srvc Supervisor: SLAUGHTER, JESSE	MBU ID Emp #: 454315

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BURKE, BRENDAN Patrick	6	487782	GOWEN, WESLEY M	6	496205	HONE, AARON D	6	381285
KAMMEIR, CHRIS	6	524554	KUKUS, CARLTON Dean	6	458577	SLAUGHTER, JESSE Dean	6	454315

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10567589C	60 mile	10744549	60 mile	10995027	60 mile	11259881	60 mile
11583916	60 mile	11808829	60 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
7-11-2012	6	4						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	11 - Jul - 2012	02:30	MST
Form Type	BHST		Job Started	11 - Jul - 2012	09:30	MST
Job depth MD	6830. ft	Job Depth TVD	Job Completed	11 - Jul - 2012	12:15	MST
Water Depth		Wk Ht Above Floor	Departed Loc	11 - Jul - 2012	14:06	MST
Perforation Depth (MD)	From	To		11 - Jul - 2012	15:30	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
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	4.5	1		6563	Top Plug			
Float Shoe					Bridge Plug	4.5	1		7025	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

HALLIBURTON

Cementing Job Summary

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	Injection Test	FRESH WATER	25.00	bbl	8.33	.0	.0	4	
2	SqueezeCem Tail Cement	SQUEEZECEM (TM) SYSTEM (452971)	180.0	sacks	17.	.99	3.79	2	3.79
	3.79 Gal	FRESH WATER							
3	Displacement	FRESH WATER	25.4	bbl	8.33	.0	.0	.5	
Calculated Values		Pressures			Volumes				
Displacement	25.4	Shut In: Instant		Lost Returns	NO	Cement Slurry	31.7	Pad	
Top Of Cement		5 Min		Cement Returns	NO	Actual Displacement	25.7	Treatment	
Frac Gradient		15 Min		Spacers	25	Load and Breakdown		Total Job	67
Rates									
Circulating		Mixing	2	Displacement	.5	Avg. Job			1
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: TRAIL RIDGE	City (SAP): Parachute	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.578 deg. OR N 39 deg. 34 min. 40.8 secs.		Long: W 108.256 deg. OR W -109 deg. 44 min. 38.4 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: SLAUGHTER, JESSE	MBU ID Emp #: 454315

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	07/11/2012 02:30							BP 7025 FT, PACKER 6563 FT, PERF 6648 TO 6984 FT, TUB 2 3/8 IN 4.7 LB/FT N-80 GRADE, CSG 4 1/2 IN 11.6 LB/FT, WF FRESH WATER
Pre-Convoy Safety Meeting	07/11/2012 05:50							WITH ALL HES PERSONNEL
Crew Leave Yard	07/11/2012 06:00							
Arrive At Loc	07/11/2012 09:30							RIG WAS STATIC UPON HES ARRIVAL
Assessment Of Location Safety Meeting	07/11/2012 10:30							WITH ALL HES PERSONNEL
Other	07/11/2012 10:40							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	07/11/2012 10:50							WITH ALL HES PERSONNEL
Rig-Up Equipment	07/11/2012 11:00							
Pre-Job Safety Meeting	07/11/2012 12:00							WITH ALL PERSONNEL ON LOCATION
Start Job	07/11/2012 12:15							
Other	07/11/2012 12:17		2	14			12.0	FILL LINES WITH FRESH WATER
Test Lines	07/11/2012 12:17							TESTED LINES TO 5985 PRESSURE HOLDING
Other	07/11/2012 12:25		2	10			740.0	TURNUED OVER TO RIG TO LOAD THE HOLE AS PER COMPANY REP
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

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Quote # :

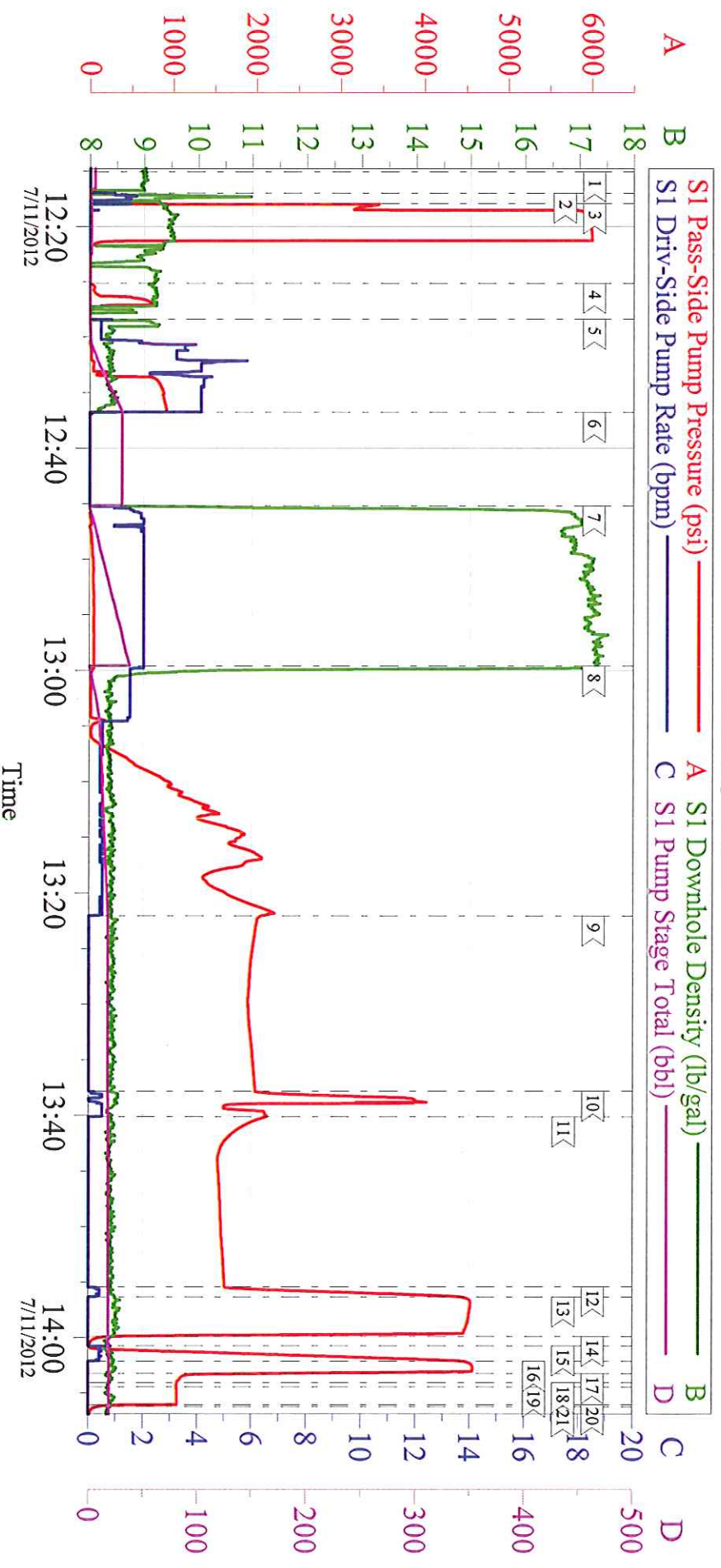
Sales Order # :

9629303

		#		Stage	Total	Tubing	Casing	
Pump Spacer	07/11/2012 12:28		4	25			940.0	FRESH WATER, INJECTION RATE. ONCE SHUTDOWN 0 ISIP
Shutdown	07/11/2012 12:36							SHUTDOWN TO MIX UP TUB
Pump Tail Cement	07/11/2012 12:45		2	31.7			75.0	180 SKS AT 17 PPG, .99 FT3/SK, 3.79 GAL/SK
Pump Displacement	07/11/2012 12:59		0.5	23.5			2130. 0	FRESH WATER. SHUTDOWN AS PER COMPANY REP. SHUTDOWN FOR 15 MIN
Resume	07/11/2012 13:40		0.5	1.5			2130. 0	SHUTDOWN WAIT 15 MIN
Resume	07/11/2012 13:56		0.5		25.7		4550. 0	SHUTDOWN 4 MIN. HES RELEASED PRESSURE HES RETURNED 1 BBL H2O TO PUMP
Pressure Up	07/11/2012 14:02		0.5	1			4584. 0	HES PRESSURE TESTED CEMENT PRESSURE HELD.
Release Tubing Pressure	07/11/2012 14:03						1400. 0	RELEASE PRESSURE TO 1400 PSI FOR RIG TO RELEASE PACKER
Reverse Circ Well	07/11/2012 14:04		2	60				RIG REVERSE CIRCULATE WELL. RIG RETURNED 1 1/5 BBL CEMENT TO SURFACE
End Job	07/11/2012 14:06							PIPE WAS STATIC THROUGHOUT JOB, GOODCIRCULATION DURING JOB.
Pre-Rig Down Safety Meeting	07/11/2012 14:10							WITH ALL HES PERSONNEL
Rig-Down Equipment	07/11/2012 14:15							
Pre-Convoy Safety Meeting	07/11/2012 15:25							WITH ALL HES PERSONNEL
Crew Leave Location	07/11/2012 15:30							
Comment	07/11/2012 15:31							THANK YOU FOR USING HALLIBURTON CEMENT DEPARTMENT. JESSE SLAUGHTER AND CREW.

WPX CHEVRON TR 42-34-597

2 3/8 SQUEEZE



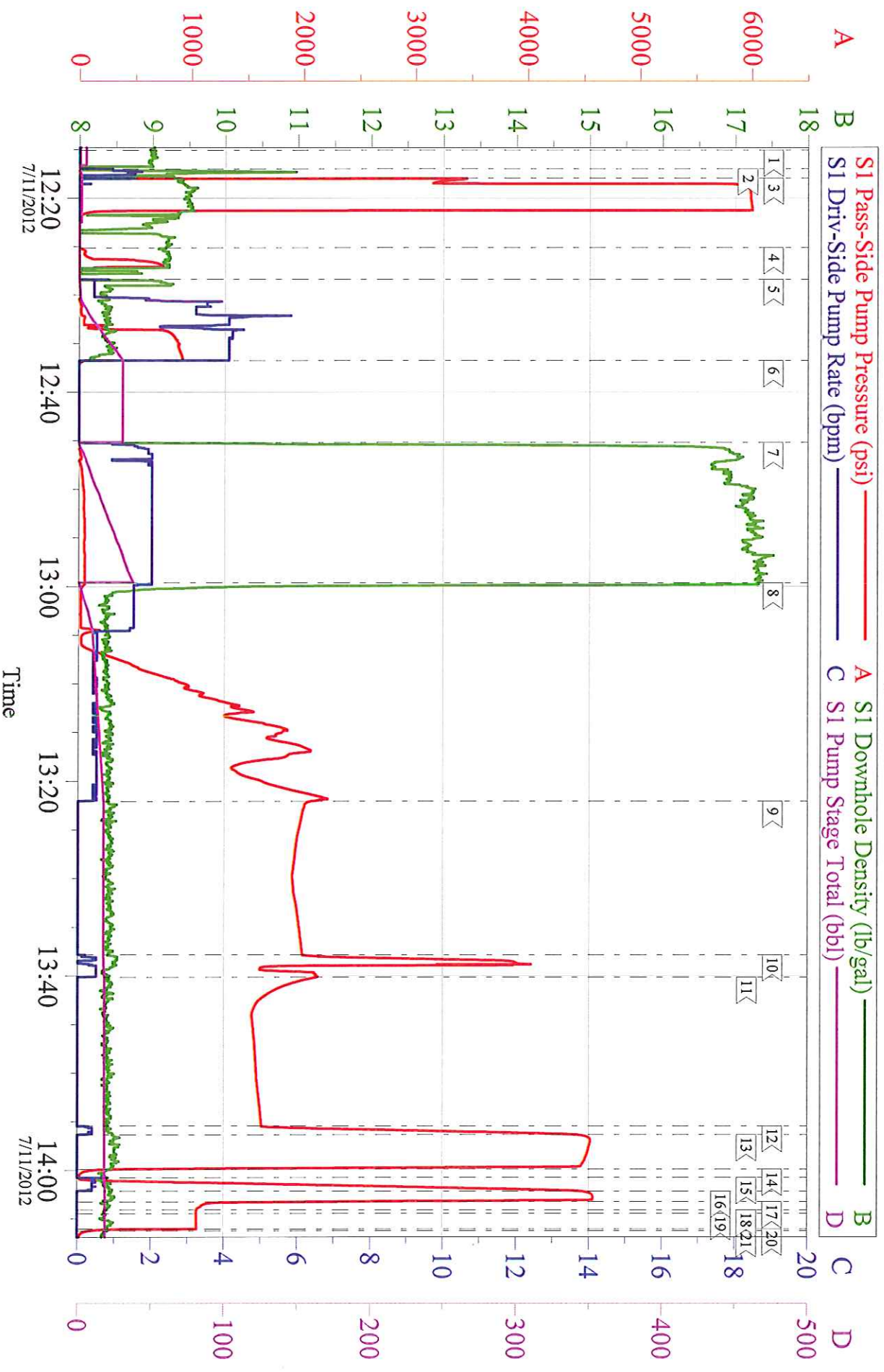
Local Event Log

1	START JOB	12:15:05	2	FILL LINES	12:17:00	3	TEST LINES	12:17:57
4	RIG LOAD HOLE	12:25:08	5	PUMP INJECTION	12:28:23	6	SHUTDOWN MIX UP TUB	12:36:46
7	PUMP CEMENT	12:45:12	8	PUMP DISPLACEMENT	12:59:38	9	HESITATE #1	13:22:04
10	RESUME SQUEEZE	13:37:49	11	HESITATE #2	13:40:08	12	RESUME SQUEEZE	13:55:25
13	HESITATE #3	13:56:20	14	RELEASE PRESSURE	13:59:54	15	RESUME SQUEEZE	14:00:45
16	HESITATE #4	14:02:09	17	RELEASE PRESSURE	14:03:14	18	RIG UNSSET PACKER	14:04:05
19	RIG REVERSE OUT	14:04:27	20	RELEASE PRESSURE	14:06:04	21	END JOB	14:06:13

Customer:	WPX	Job Date:	11-Jul-2012	Sales Order #:	9629303
Well Description:	CHEVRON TR 42-34-597	Job Type:	SQUEEZE	ADC Used:	YES
Customer Rep:	BRIAN DUNNICK	Cement Supervisor:	JESSE SLAUGHTER	Elite #3:	WESLEY GOWEN

WPX CHEVRON TR 42-34-597

2 3/8 SQUEEZE



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 Well Description: CHEVRON TR 42-34-597
 Customer Rep: BRIAN DUNNICK

Job Date: 11-Jul-2012
 Job Type: SQUEEZE
 Cement Supervisor: JESSE SLAUGHTER

Sales Order #: 9629303
 ADC Used: YES
 Elite #3: WESLEY GOWEN

OptiCem v6.4.10
 11-Jul-12 14:31