

**CHEVRON - MID-CONTINENT**  
**760 Horizon Dr**  
**Grand Junction, CO 81506**

**SKR 598-25-BV-22**

**Interval 2**  
**Garfield County, Colorado**

**Sales Order: 900681547**

## **Post Job Report**

**For: Kieth Hejl**  
**Date: Thursday, August 22, 2013**

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**HALLIBURTON**

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**1.0 WELL INFORMATION****1.1 Customer Information**

Customer	CHEVRON - MID-CONTINENT
Sales Order	900681547
Well Name	SKR
Rig Type	None
Interval	2
Well Number	598-25-BV-22
Job Date	22-Aug-2013
County	Garfield
State	Colorado
UWI/API	0504515429
Country	United States of America
H2S Present	Unknown
CO2 Present	No
Customer Representative	Kieth Hejl
Halliburton Representative	Swanson

## 1.2 Pipe Information

Equipment	Top MD ft	Bottom MD ft	OD in	ID in	Weight lb/ft
Surface Pipe	0.0	50.0	5.000	4.000	
Casing	0.0	4776.0	4.500	4.000	11.60

## 1.3 Perforation Intervals

Top MD ft	Bottom MD ft	Number of Shots	Perf Density spf	Perf Diameter in
4514.0	4726.0	27	0.1	0.340

## 2.0 PERFORMANCE HIGHLIGHTS

### 2.1 Job Summary

Start Time	22-Aug-13 11:14:27	
End Time	22-Aug-13 12:25:01	

SKR 598-25-BV-22 STAGE #2		
8/22/2013		
Engineering Notes		
Engineer on Location	Megan Sprot	
ISDP	1868	psi
Initial Pressure(Breakdown)	4134	psi
Max Pressure	6378	psi
Average Pressure	5085	psi
Max Rate	63.76	bpm
Average Rate	63.74	bpm
Proppant Design Volume	95,400	lbs
Proppant in Formation	93,400	lbs
FR-66 Used	37	gals
BE-7 Used	126	gals
SandWedge WF	102	lbs
SCW-4212 Used	22	gals
Clean Volume	3709	bbls
Start Time	11:18 AM	HH:MM
End Time	12:24 PM	HH:MM
Job Notes:		
Dropped rate to 45bpm during Stage 5 due to increasing pressure, and increased FR concentration to 0.4gal/Mgal.		

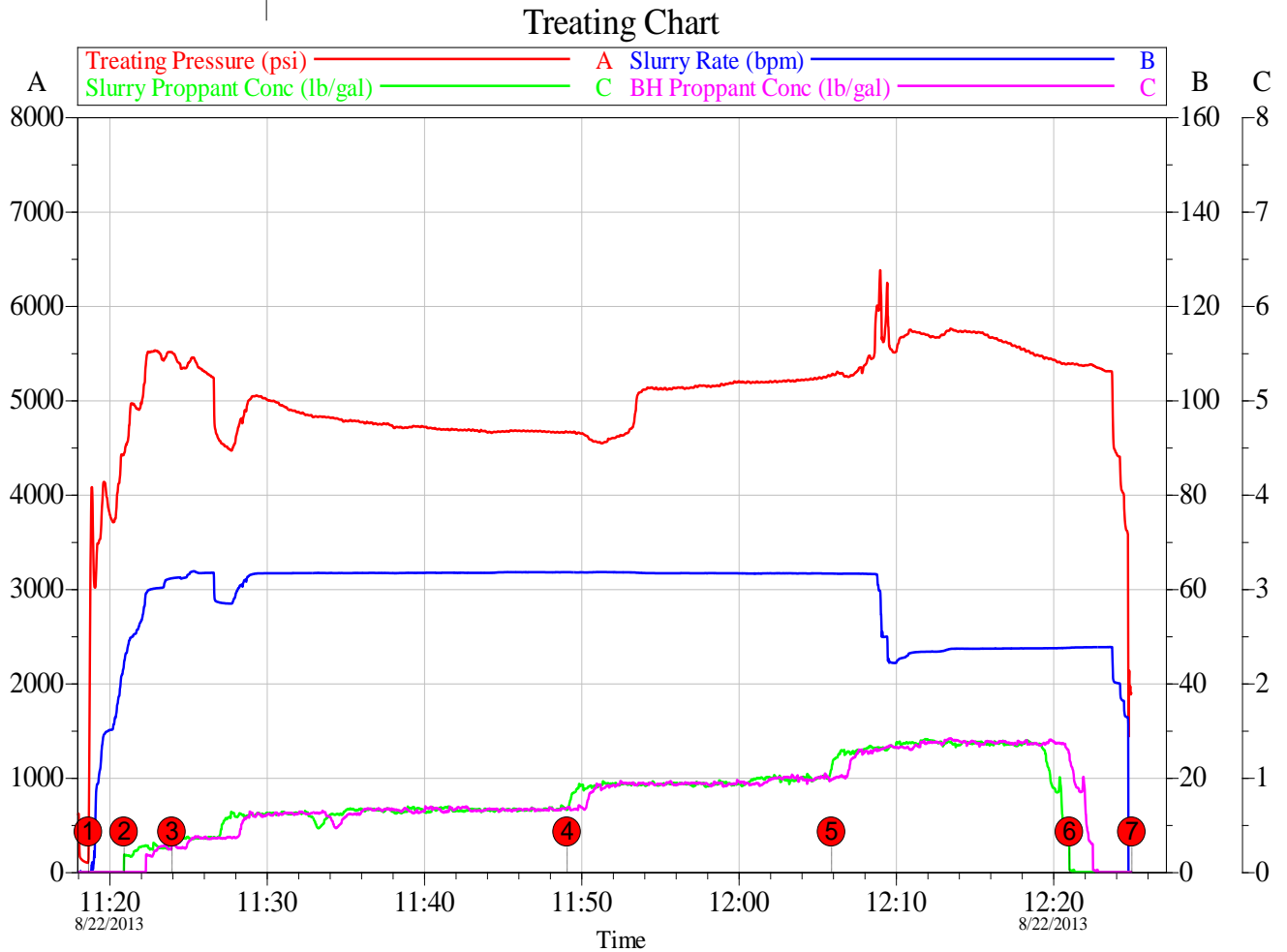
**2.2 Job Event Log**

Stage Number	Event Number	Time	Description	Comment	Treating Pressure psi	Slurry Rate bpm	Braden Pressure psi	Job Slurry Vol gal
	1	22-Aug-13 11:14:27	Start Job	Starting Job				
1		11:18:40	Stage 1	Pad	142	0.0	106	0
		11:18:41	Start Averaging	Start Avg Trt 1	381	0.0	106	0
	2	11:19:39	Break Formation	Break Formation	4134	29.1	96	541
2		11:20:56	Stage 2	Proppant Laden Fluid	4438	43.9	87	2340
	3	11:20:56	Other	1 screw locked up, running off one screw until we can break it loose	4440	44.5	87	2371
3		11:23:59	Stage 3	Proppant Laden Fluid	5510	62.3	66	9535
	4	11:26:33	Other	Pump neutralled out	5245	63.5	60	16375
4		11:49:06	Stage 4	Proppant Laden Fluid	4663	63.6	52	75958
5		12:05:55	Stage 5	Proppant Laden Fluid	5264	63.3	55	120727
	5	12:08:51	Other	Dropped rate due to increasing pressure	5968	60.8	53	128558
	6	12:09:38	Other	Increased FR to 0.4 as customer allowed due to increasing pressure	5549	44.5	53	130248
6		12:21:02	Stage 6	Flush	5388	47.5	52	152731
	7	12:24:49	Other	ISDP	1868	0.0	53	159804
7		12:25:00	Stage 7	Shut-In	1887	0.0	54	159804
		12:25:01	End Averaging	End Avg Trt 1	1886	0.0	54	159804
	8	12:25:04	Other	ISDP	1886	0.0	54	159804

Stage Number	Event Number	Time	Description	Comment	Treating Pressure psi	Slurry Rate bpm	Braden Pressure psi	Job Slurry Vol gal
	9	12:25:05	End Job	Ending Job	1886	0.0	54	159804

### 3.0 ATTACHMENTS

#### 3.1 Treating Chart



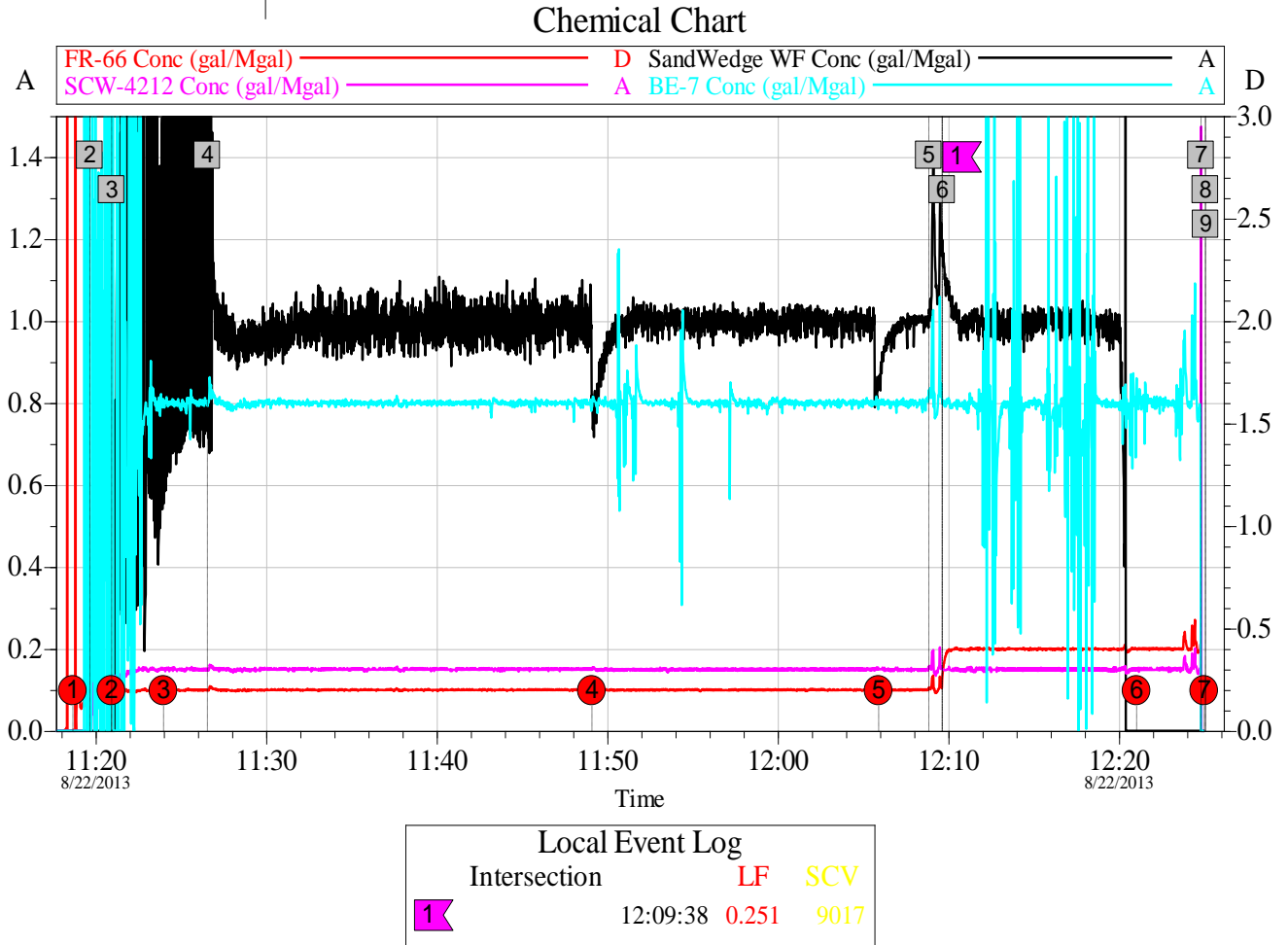
Customer: CHEVRON - MID-CONTINENT  
Well Description: SKR 598-25-BV-22

Job Date: 22-Aug-2013  
UWI: 0504515429

Sales Order #: 900681547



### 3.2 Chemical Chart

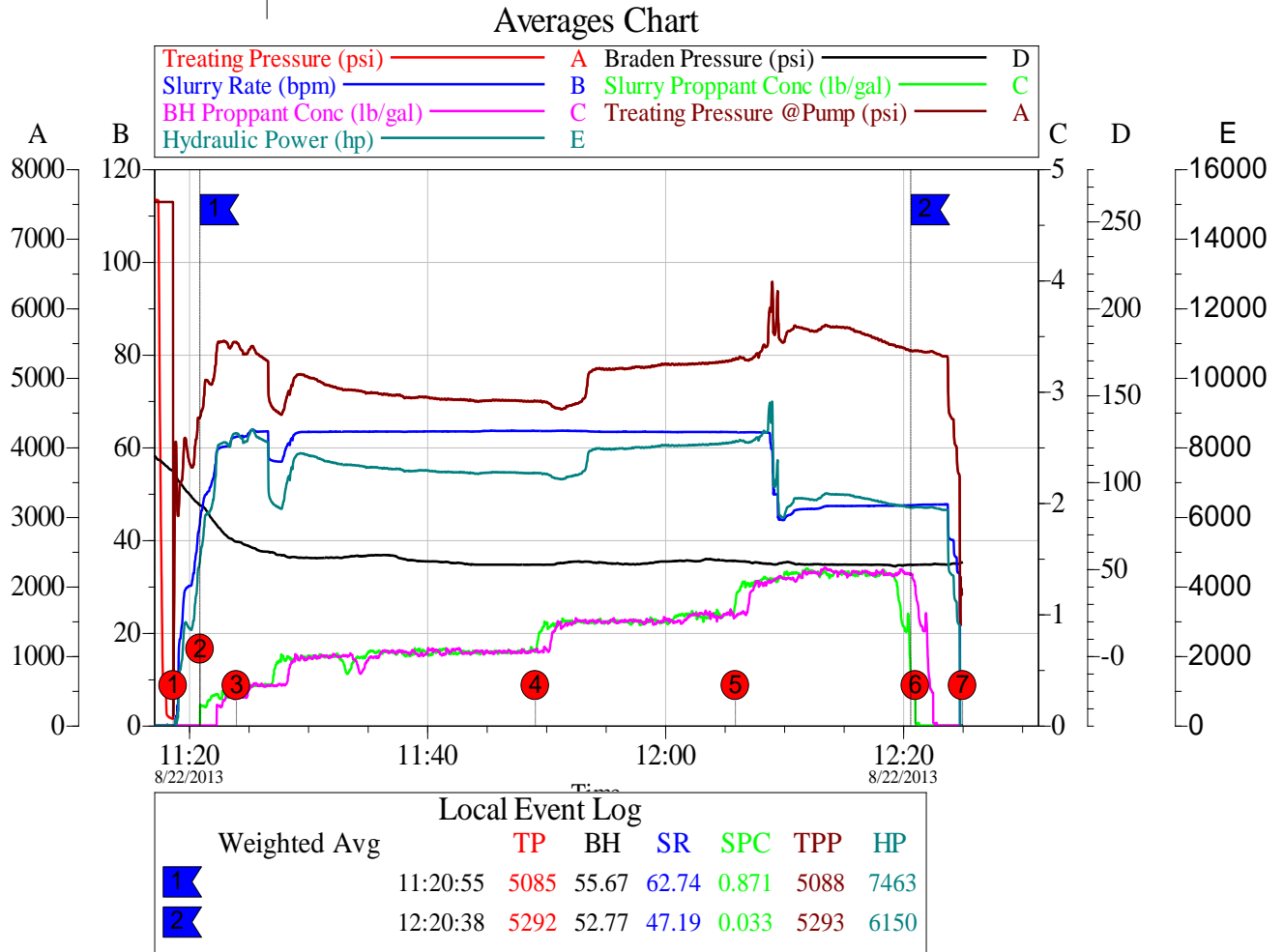


Customer: CHEVRON - MID-CONTINENT  
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## 3.3 Averages Chart



Customer: CHEVRON - MID-CONTINENT

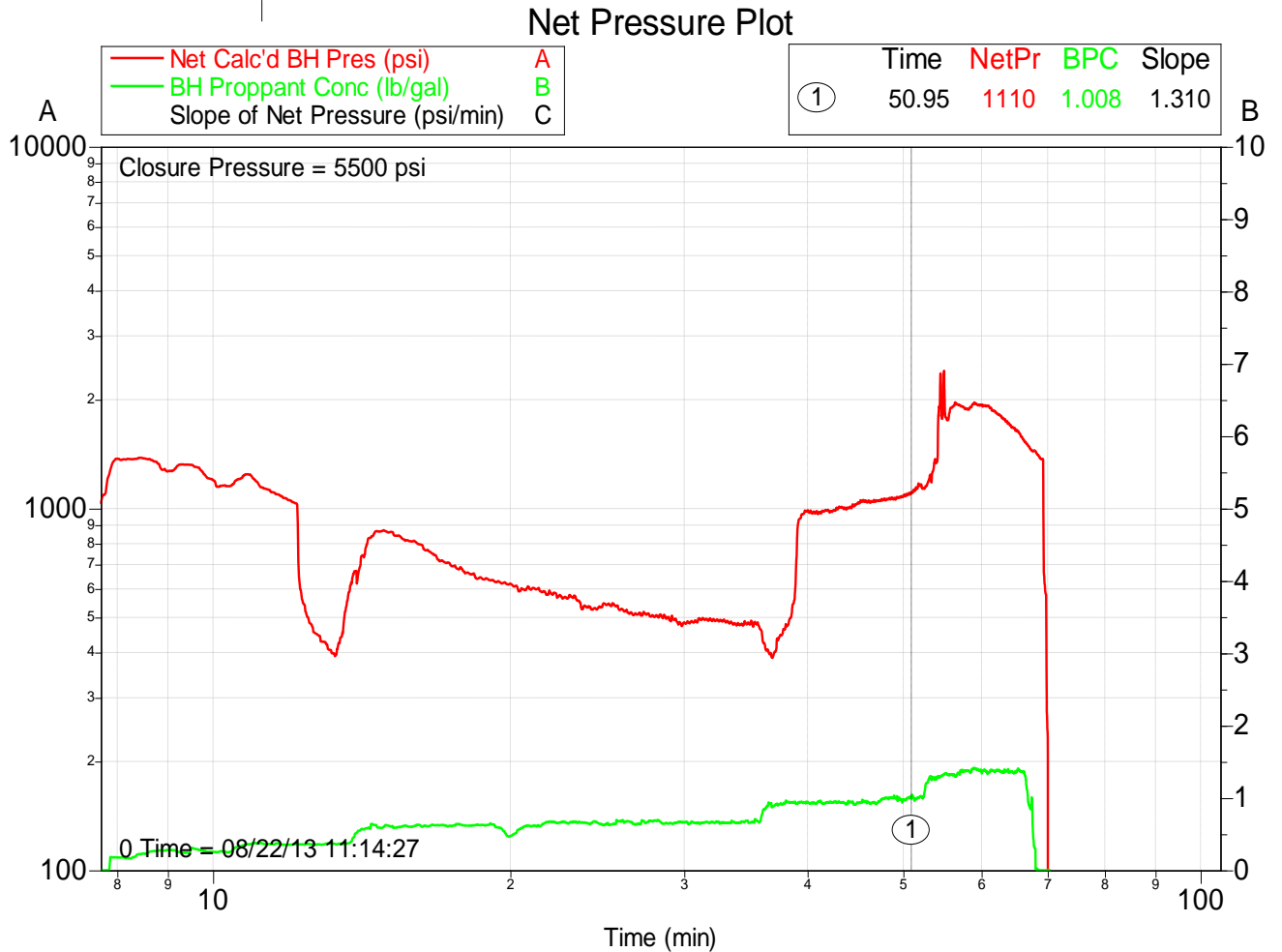
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## 3.4 Net Pressure Plot



Customer: CHEVRON - MID-CONTINENT	Job Date: 22-Aug-2013	Sales Order #: 900681547
Well Description: SKR 598-25-BV-22	UWI: 0504515429	