

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

SKR 598-25-AV-8

Stage 1  
Garfield County, Colorado

Sales Order: 900621864

## **Post Job Report**

For: Kieth Hejl  
Date: Sunday, July 28, 2013

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**HALLIBURTON**

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## 1.0 WELL INFORMATION

### 1.1 Customer Information

Customer	CHEVRON - MID-CONTINENT
Sales Order	900621864
Well Name	SKR
Well Number	598-25-AV-8
Job Date	28-Jul-2013
County	Garfield
State	Colorado
Country	United States of America
H2S Present	Unknown
Customer Representative	Kieth Hejl
Halliburton Representative	T. Nowak

## 1.2 Pipe Information

Equipment	Top MD ft	Bottom MD ft	OD in	ID in	Grade	Weight lb/ft
Surface Pipe	0.0	100.0	5.000	4.000		
Casing	0.0	4965.0	4.500	4.000	N-80	11.60

## 1.3 Perforation Intervals

Top MD ft	Bottom MD ft	Number of Shots	Perf Density spf	Perf Diameter in
4313.0	4530.0	27	0.1	0.350

## 2.0 ACTUAL STAGE SUMMARY

### 2.1 Stage Summary

Stage Number	Stage Time	Max Treat Pr psi	Max Slurry Rate bpm	Max Wellhead Rate bpm	Max Prop Conc lb/gal	Avg Treating Pressure psi	Avg Clean Rate bpm
1	28-Jul-13 14:34:28	4981	58.4	58.4	0.00	1825	22.2
2	28-Jul-13 14:38:45	5724	63.7	63.7	0.27	5217	63.4
3	28-Jul-13 15:17:06	4943	64.1	64.1	0.54	4345	63.7
4	28-Jul-13 15:43:00	4724	63.9	63.9	0.79	4613	62.9
5	28-Jul-13 16:00:53	5901	63.7	63.7	1.00	5016	60.7
6	28-Jul-13 16:05:20	5849	58.5	58.5	0.31	5122	54.2

Stage Number	Stage Time	Avg Slurry Rate bpm	Clean Volume gal	Slurry Volume gal	Prop Mass 100*lb
1	28-Jul-13 14:34:28	23.1	2483	2587	0.00
2	28-Jul-13 14:38:45	62.9	11399	11301	25.44
3	28-Jul-13 15:17:06	63.9	102597	102872	477.07
4	28-Jul-13 15:43:00	63.7	68409	69276	468.49
5	28-Jul-13 16:00:53	62.2	45585	46682	415.76
6	28-Jul-13 16:05:20	52.6	7376	7058	0.00
Total			237848	239776	1386.75

### 3.0 PERFORMANCE HIGHLIGHTS

#### 3.1 Treatment Summary

Start Time	28-Jul-13 14:18:27	
End Time	28-Jul-13 16:05:20	

SKR 598-25-AV-08 Stage 1		
7/28/2013		
Engineering Notes		
Engineer on Location	Megan Sprot	
ISDP	1438	psi
Initial Pressure(Breakdown)	2900	psi
Max Pressure	5901	psi
Average Pressure	4611	psi
Max Rate	64.1	bpm
Average Rate	63.75	bpm
Proppant Design Volume	151,050	lbs
Proppant in Formation	148,000	lbs
FR-66 Used	45	gals
BE-7 Used	177	gals
SandWedge WF Used	170	lbs
SCW-4212 Used	29	lbs

Clean Volume	5663	bbls
Start Time	2:31 PM	HH:MM
End Time	4:04 PM	HH:MM
Job Notes:		
Pumped to completion		



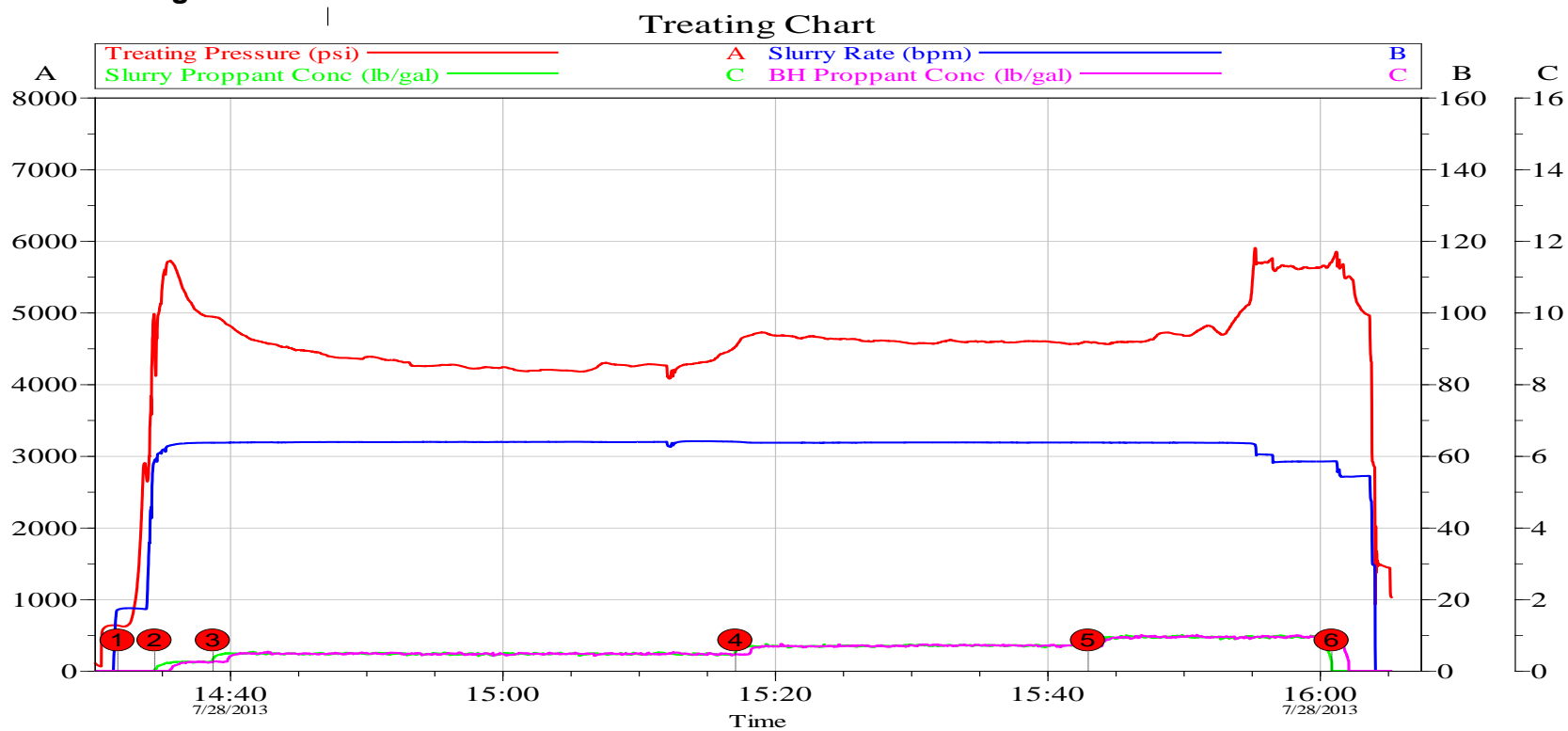
### 3.2 Job Event Log

Time	Comment	Treating Pressure psi	N2 Pressure psi	Slurry Rate bpm	Treatment Clean Volume gal	Treatment Slurry Volume gal
28-Jul-13 14:18:27	Starting Job					
14:31:46	Pad	634	6	17.1	11	12
14:33:45	Break Formation	2900	5	17.2	1465	1459
14:34:29	Proppant Laden Fluid	4518	6	58.4	2483	2587
14:38:46	Proppant Laden Fluid	4943	4	63.7	13882	13888
15:17:07	Proppant Laden Fluid	4524	2	64.0	116479	116759
15:43:01	Proppant Laden Fluid	4590	1	63.7	184888	186036
15:54:56	Dropped rate due to increasing pressure	5172	0	63.5	216004	217916
16:00:54	Flush	5711	-0	58.5	230473	232718
16:04:06	ISDP	1438	-1	0.0	237765	239776
16:05:22	Ending Job	1011	-3661	0.0	237848	239776



## 4.0 ATTACHMENTS

### 4.1 Treating Chart

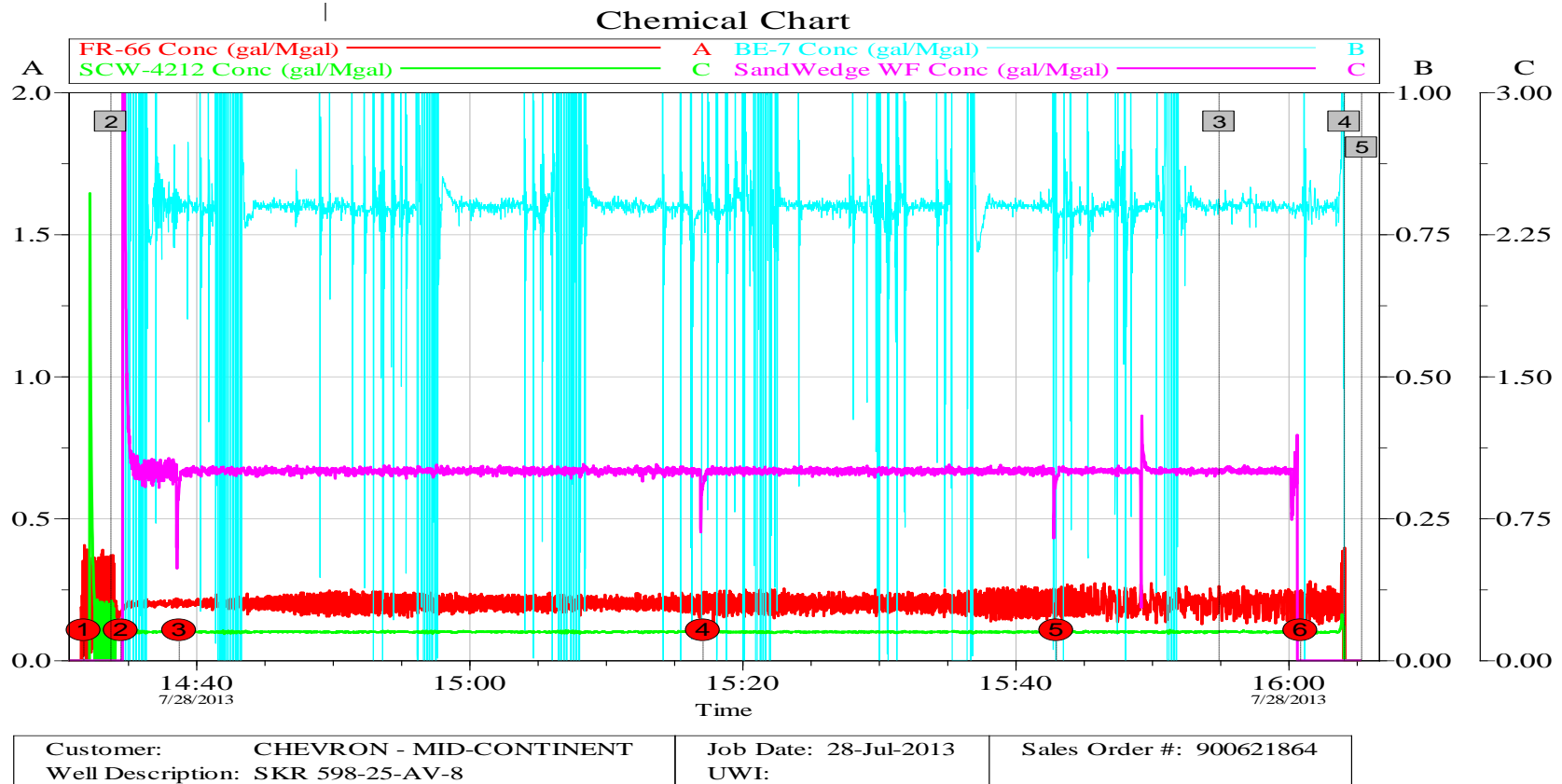


Customer: CHEVRON - MID-CONTINENT  
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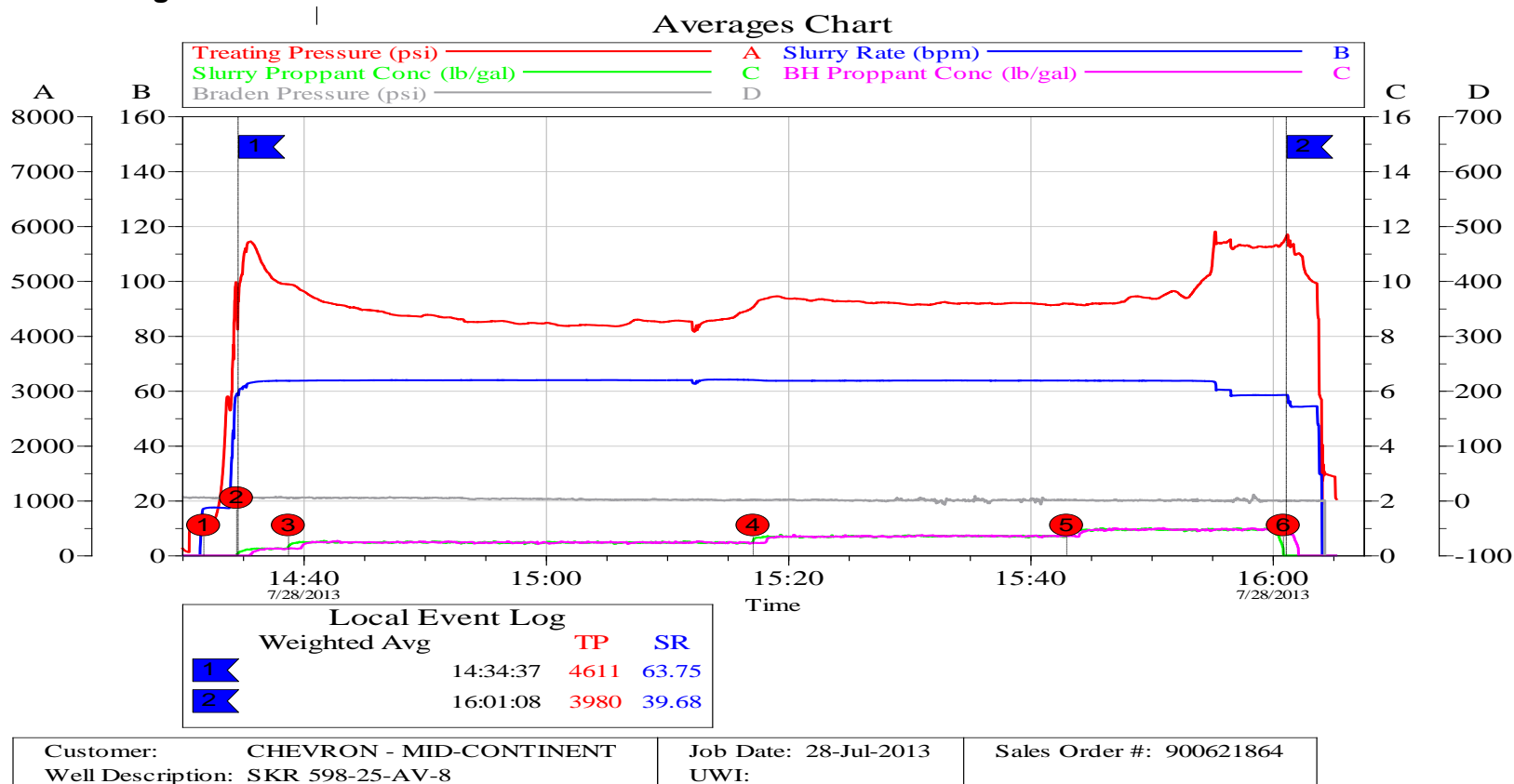
Job Date: 28-Jul-2013  
UWI:

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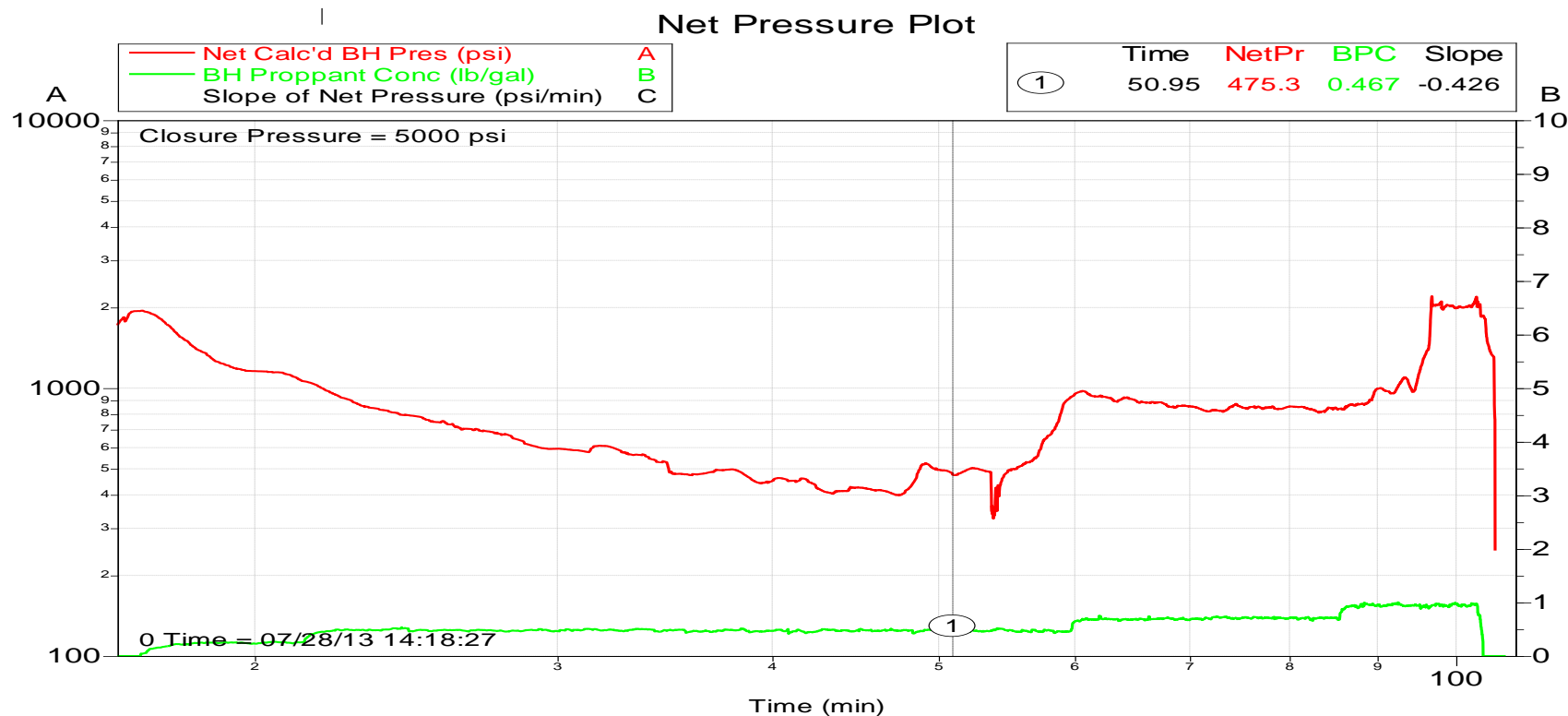
## 4.2 Chemical Chart



## 4.3 Averages Chart



## 4.4 Net Pressure Plot



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