

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

SKR 598-25-AV-22

Interval 3
Garfield County, Colorado

Sales Order: 900621864

Post Job Report

For: Kieth Hejl
Date: Monday, July 29, 2013

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HALLIBURTON

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1.0 WELL INFORMATION

1.1 Customer Information

Customer

CHEVRON - MID-CONTINENT EBIZ

Sales Order

900621864

Well Name

SKR

Well Number

598-25-AV-22

Job Date

29-Jul-2013

County

Garfield

State

Colorado

UWI/API

05-045-15257

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
4389.0	4481.0	27	0.3	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	29-Jul-13 12:08:29	3532	57.9	57.9	0.00	2614	37.5
2	29-Jul-13 12:10:40	4169	63.0	63.0	0.27	3922	61.6
3	29-Jul-13 12:30:16	4330	62.9	62.9	0.44	4224	62.4
4	29-Jul-13 12:43:26	4252	62.8	62.8	0.66	4192	61.9
5	29-Jul-13 12:52:14	5625	62.8	62.8	0.90	4611	60.8
6	29-Jul-13 12:56:24	5197	60.5	60.5	0.13	4771	58.8
7	29-Jul-13 12:56:31	0	0.0	0.0	0.00	0	0.0

Stage Number	Stage Time	Avg Slurry Rate bpm	Clean Volume gal	Slurry Volume gal	Prop Mass 100*lb
1	29-Jul-13 12:08:29	39.3	2131	2273	0.00
2	29-Jul-13 12:10:40	60.9	5688	5626	6.82
3	29-Jul-13 12:30:16	62.5	51310	51459	187.80
4	29-Jul-13 12:43:26	62.8	34195	34714	202.19
5	29-Jul-13 12:52:14	62.4	22512	23069	175.41
6	29-Jul-13 12:56:24	56.7	7398	7057	0.00
7	29-Jul-13 12:56:31	0.0	0	0	0.00
Total			123233	124198	572.22

3.0 PERFORMANCE HIGHLIGHTS

3.1 Treatment Summary

Start Time	29-Jul-13 11:59:43	
End Time	29-Jul-13 12:56:31	

SKR 598-25-AV-22 Stage 3		
7/29/2013		
Engineering Notes		
Engineer on Location	Drew Mogck	
ISDP	1497	psi
Initial Pressure(Breakdown)	1742	psi
Max Pressure	5625	psi
Average Pressure	4282	psi
Max Rate	63.03	bpm
Average Rate	62.76	bpm
Proppant Design Volume	75,525	lbs
Proppant in Formation	74,000	lbs
FR-66 Used	23	gals
BE-7 Used	93	gals
SandWedge WF Used	79	lbs
SCW-4212 Used	18	lbs

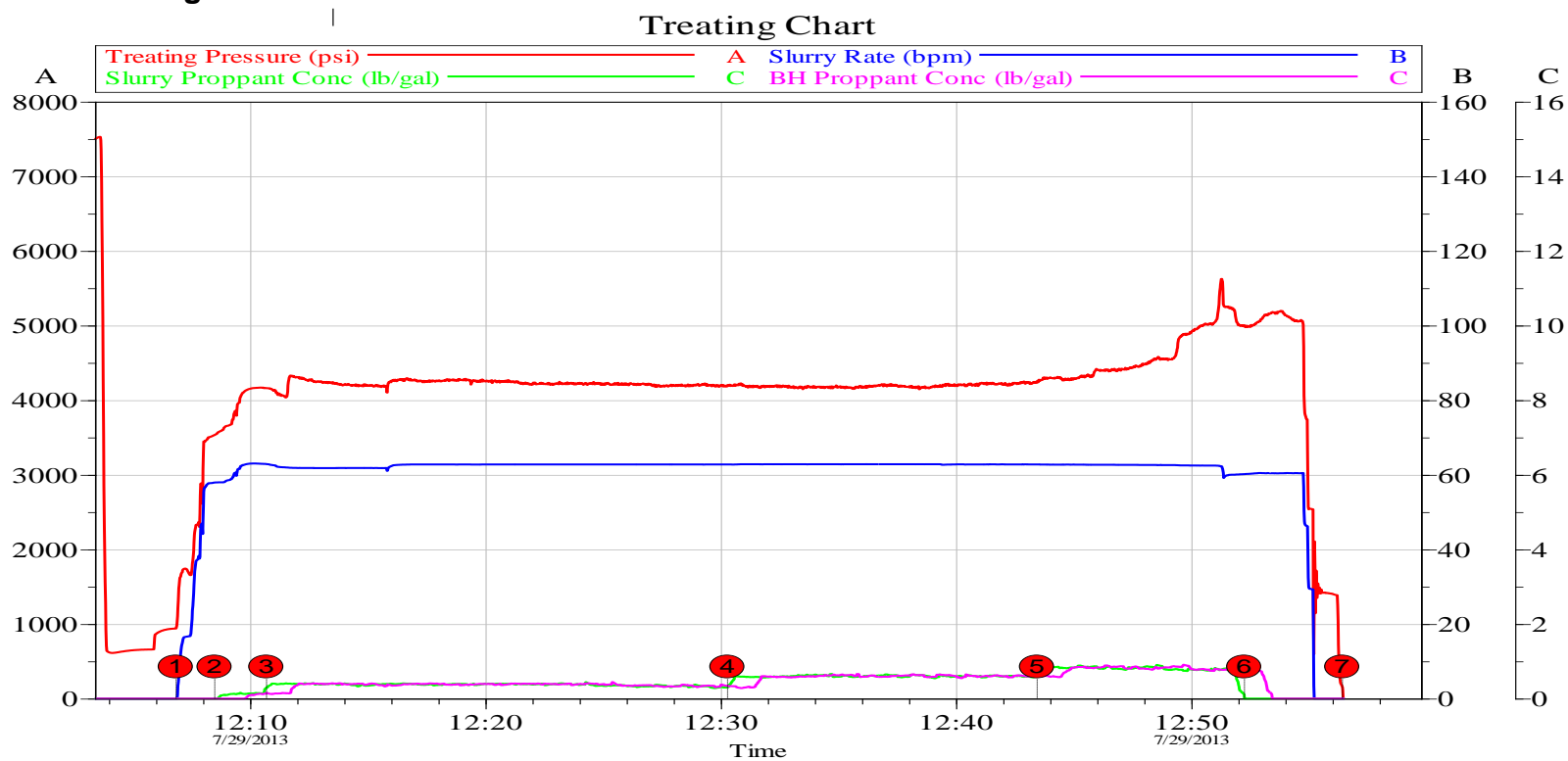
Clean Volume	1714	bbls
Start Time	12:06 PM	HH:MM
End Time	12:55 PM	HH:MM
Job Notes:		
Pumped to completion		

3.2 Job Event Log

Time	Comment	Treating Pressure psi	Braden Pressure psi	Slurry Rate bpm	Treatment Clean Volume gal	Treatment Slurry Volume gal
29-Jul-13 11:59:43	Starting Job					
12:06:51	Pad	941	1	0.0	0	0
12:07:14	Break Formation=1742 psi @16.5 bpm	1742	1	16.5	117	163
12:08:30	Proppant Laden Fluid	3534	2	57.9	2131	2273
12:10:41	Proppant Laden Fluid	4162	2	62.9	7819	7899
12:30:17	Proppant Laden Fluid	4197	1	62.8	59129	59359
12:43:27	Proppant Laden Fluid	4257	1	62.8	93324	94073
12:52:15	Flush	4984	1	60.2	115835	117141
12:56:25	Shut-In	156	1	0.0	123233	124198
12:56:33	Ending Job	-18	0	0.0	123233	124198

4.0 ATTACHMENTS

4.1 Treating Chart

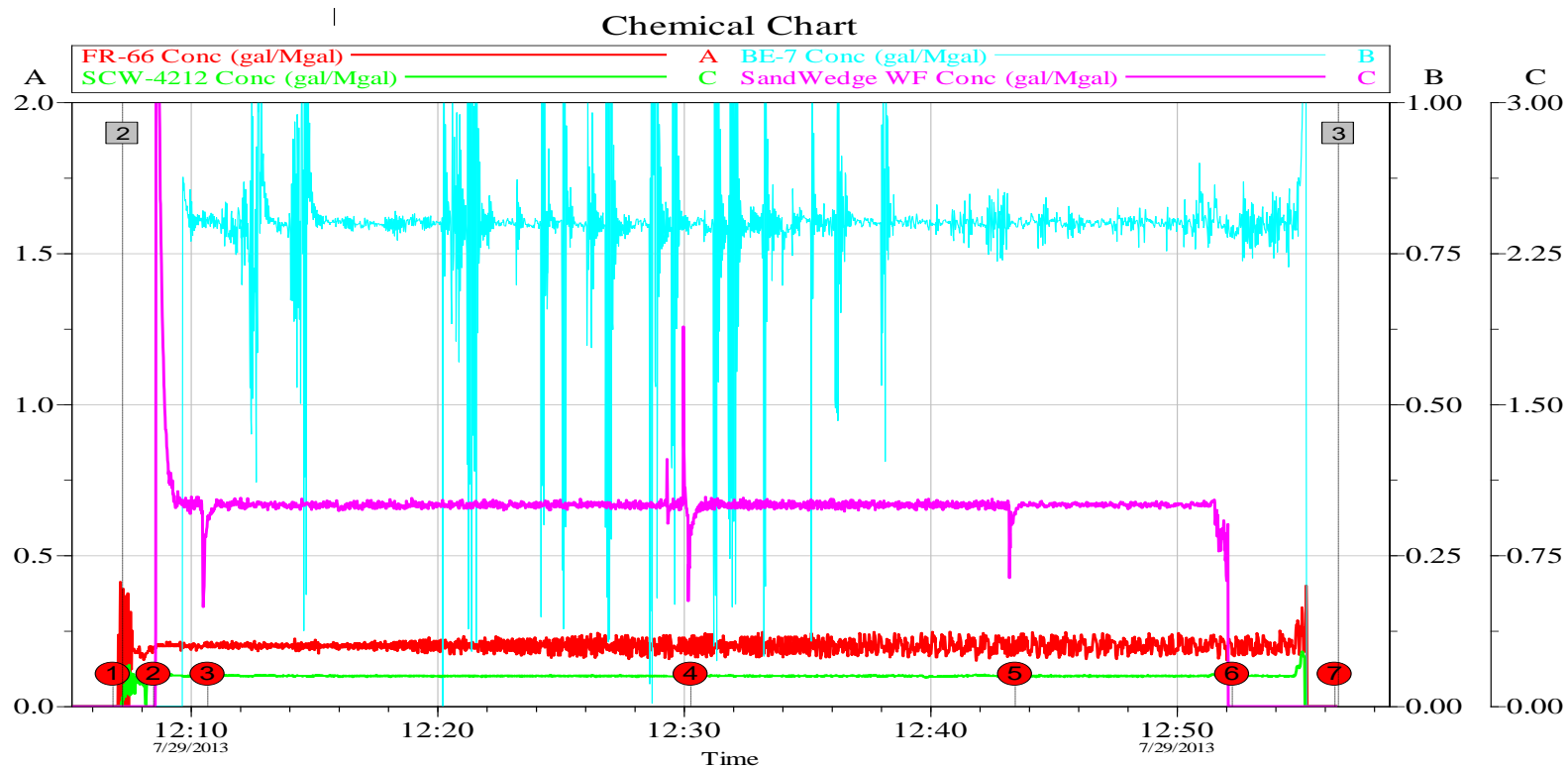


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4.2 Chemical Chart

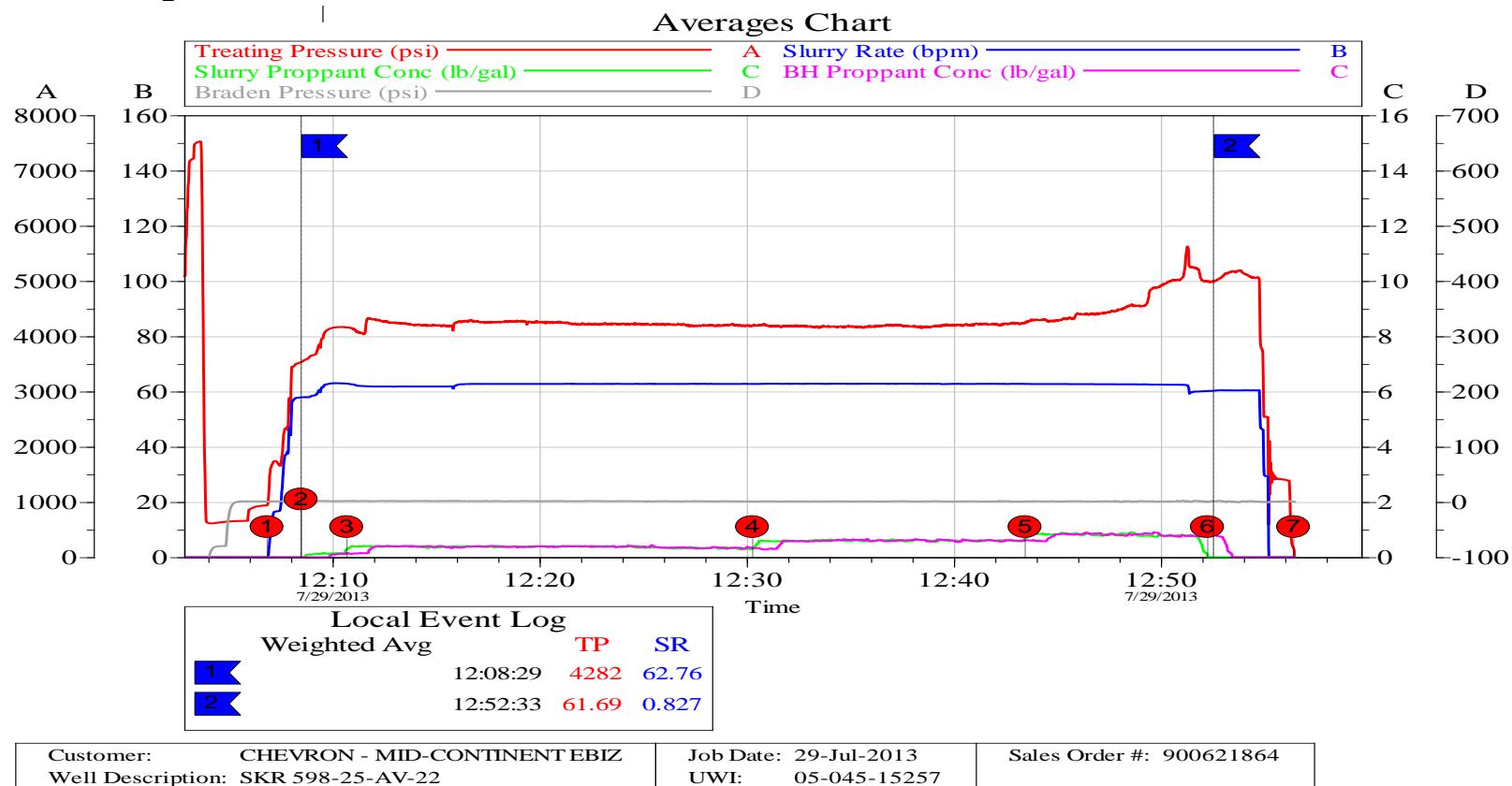


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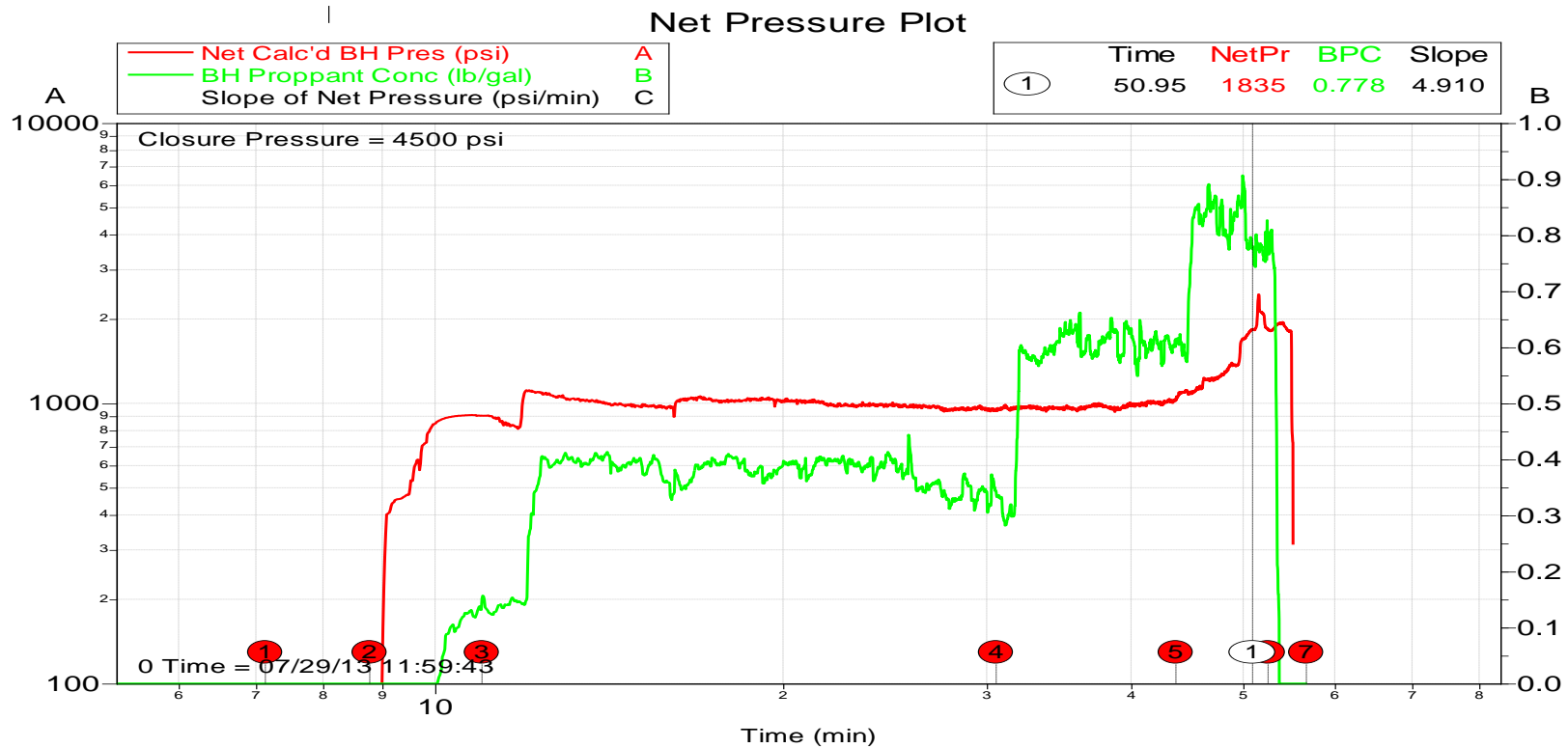
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4.3 Averages Chart



4.4 Net Pressure Plot



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