

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

SKR 598-25-AV-22

Interval 2
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

05045152570000

Country

United States of America

H2S Present

Unknown

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
4594.0	4725.0	30	0.2	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 09:15:42	3969	51.2	51.2	0.00	2289	23.9
2	29-Jul-13 09:19:02	5977	63.4	63.4	0.35	4922	60.4
3	29-Jul-13 09:48:18	5983	63.7	63.7	0.54	4953	61.5
4	29-Jul-13 10:07:30	5179	63.6	63.6	0.84	4852	62.6
5	29-Jul-13 10:20:43	5296	63.4	63.4	1.04	5199	61.7
6	29-Jul-13 10:24:16	5511	63.6	63.6	0.32	5044	61.1
7	29-Jul-13 10:27:49	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 09:15:42	25.1	2303	2418	0.00
2	29-Jul-13 09:19:02	60.1	8445	8399	20.28
3	29-Jul-13 09:48:18	61.7	75675	75841	352.68
4	29-Jul-13 10:07:30	63.5	50427	51166	357.87
5	29-Jul-13 10:20:43	63.3	34242	35155	323.58
6	29-Jul-13 10:24:16	58.7	7420	7103	0.00
7	29-Jul-13 10:27:49	0.0	0	0	0.00
Total			178512	180082	1054.41

3.0 PERFORMANCE HIGHLIGHTS

3.1 Treatment Summary

Start Time	29-Jul-13 08:08:38	
End Time	29-Jul-13 10:27:49	

SKR 598-25-AV-22 Stage 2		
7/29/2013		
Engineering Notes		
Engineer on Location	Drew Mogck	
ISDP	1893	psi
Initial Pressure(Breakdown)	1788	psi
Max Pressure	5893	psi
Average Pressure	4973	psi
Max Rate	63.68	bpm
Average Rate	63.4	bpm
Proppant Design Volume	111,300	lbs
Proppant in Formation	112,000	lbs
FR-66 Used	34	gals
BE-7 Used	140	gals
SandWedge WF Used	113	lbs
SCW-4212 Used	25	lbs
Clean Volume	4167	bbbls

Start Time	9:13 AM	HH:MM
End Time	10:23 AM	HH:MM
Job Notes:		
Pumped to completion		

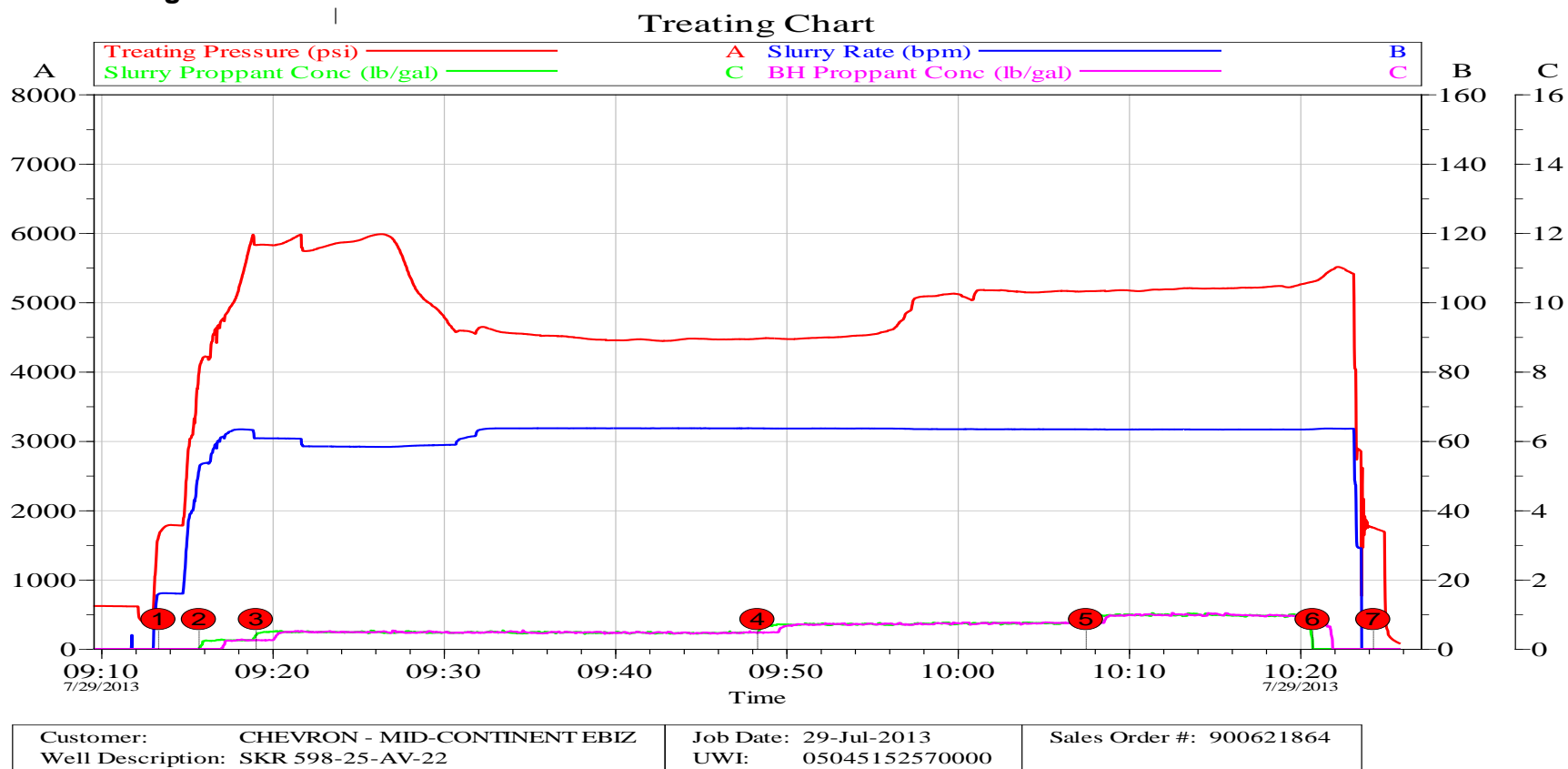
Disclaimer:

3.2 Job Event Log

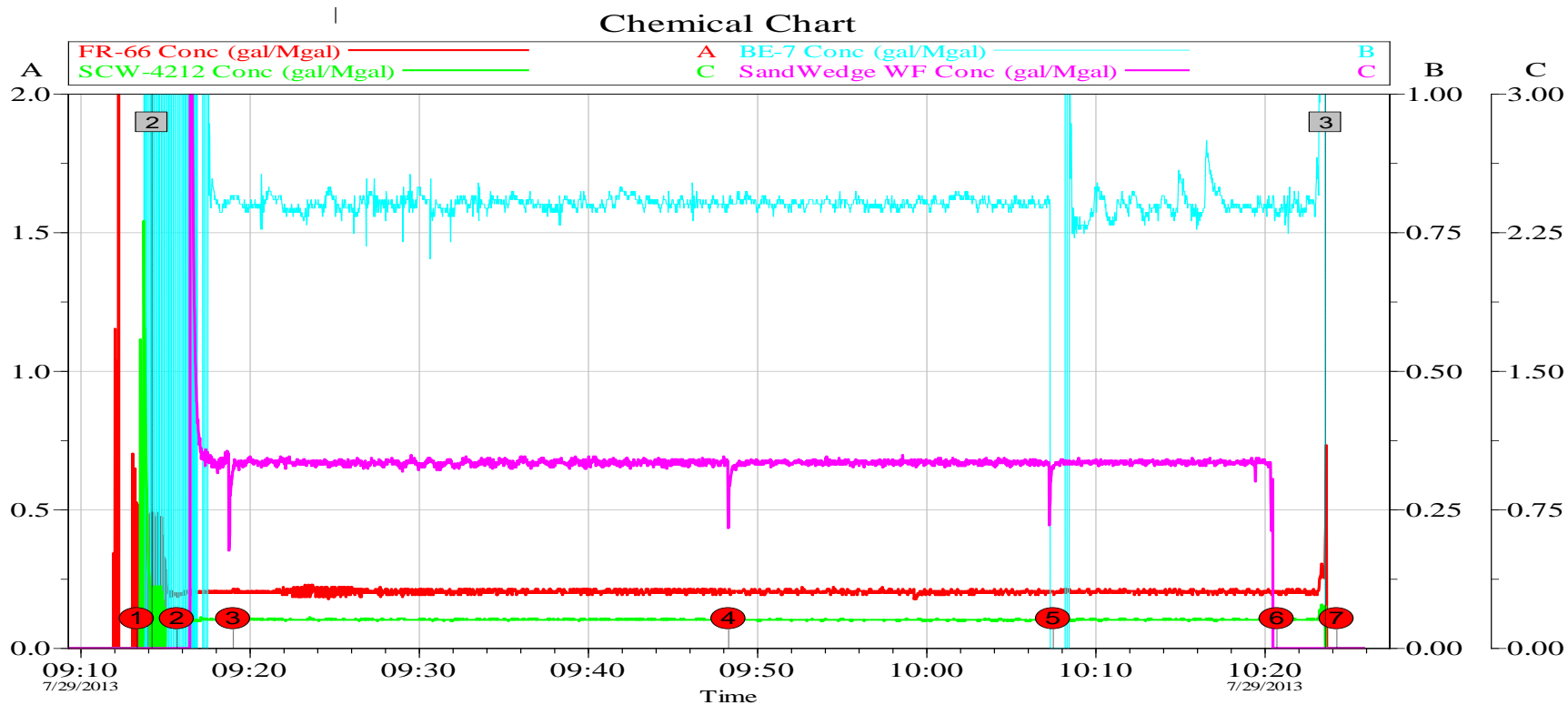
Time	Comment	Treating Pressure psi	Braden Pressure psi	Slurry Rate bpm	Treatment Clean Volume gal	Treatment Slurry Volume gal
29-Jul-13 08:08:38	Starting Job					
09:13:21	Pad	1629	8	15.8	11	11
09:14:14	Break Formation=1789 psi @ 16 bpm	1786	10	16.0	596	606
09:15:43	Proppant Laden Fluid	3991	8	51.2	2303	2418
09:19:03	Proppant Laden Fluid	5827	9	60.8	10748	10818
09:48:19	Proppant Laden Fluid	4474	6	63.6	86423	86659
10:07:31	Proppant Laden Fluid	5160	6	63.3	136850	137824
10:20:44	Flush	5296	6	63.4	171092	172979
10:23:36	ISDP=1893 psi	1868	5	0.3	178477	180082
10:24:17	Shut-In	1749	5	0.0	178512	180082
10:27:52	Ending Job	-6	5	0.0	178512	180082

4.0 ATTACHMENTS

4.1 Treating Chart



4.2 Chemical Chart

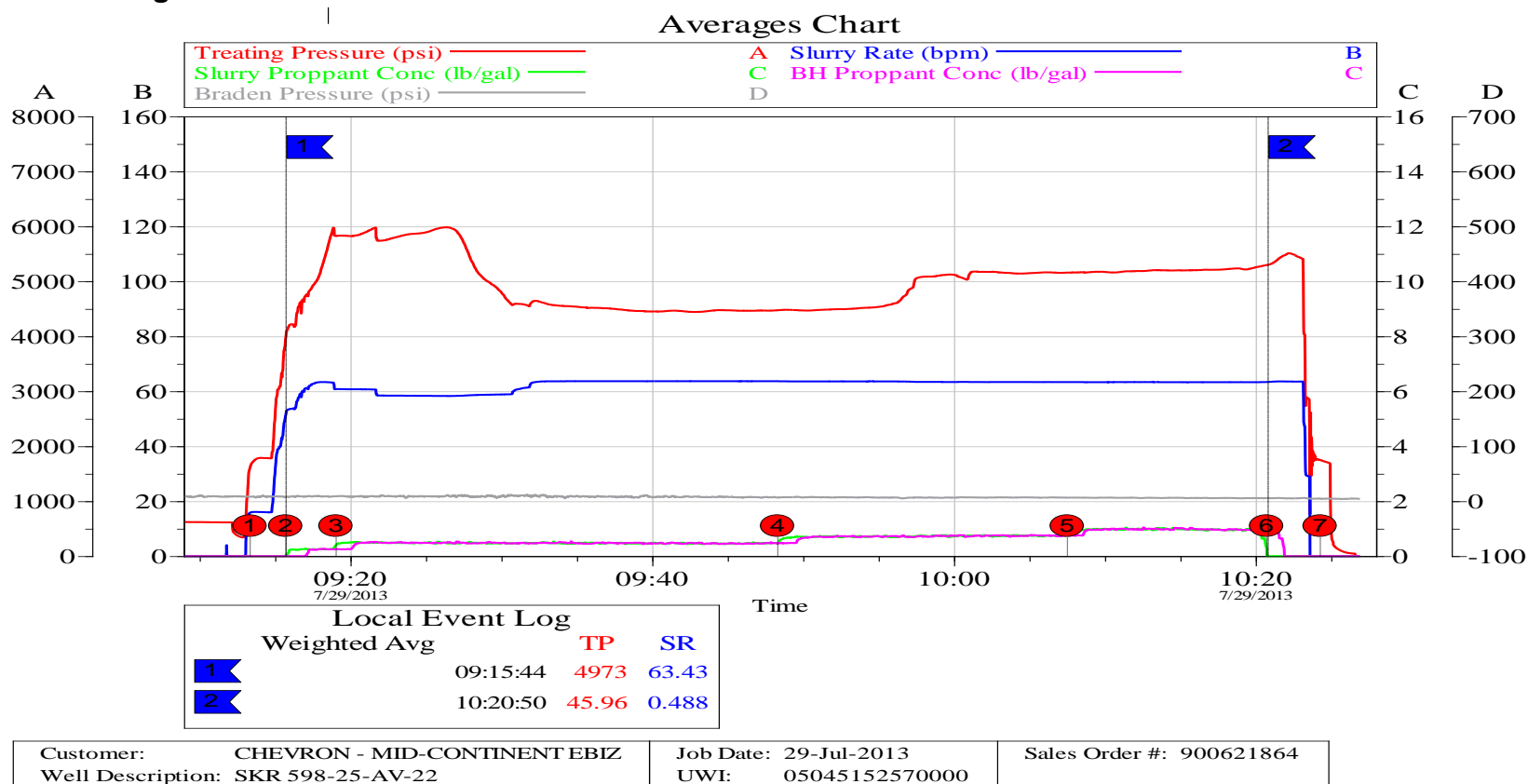


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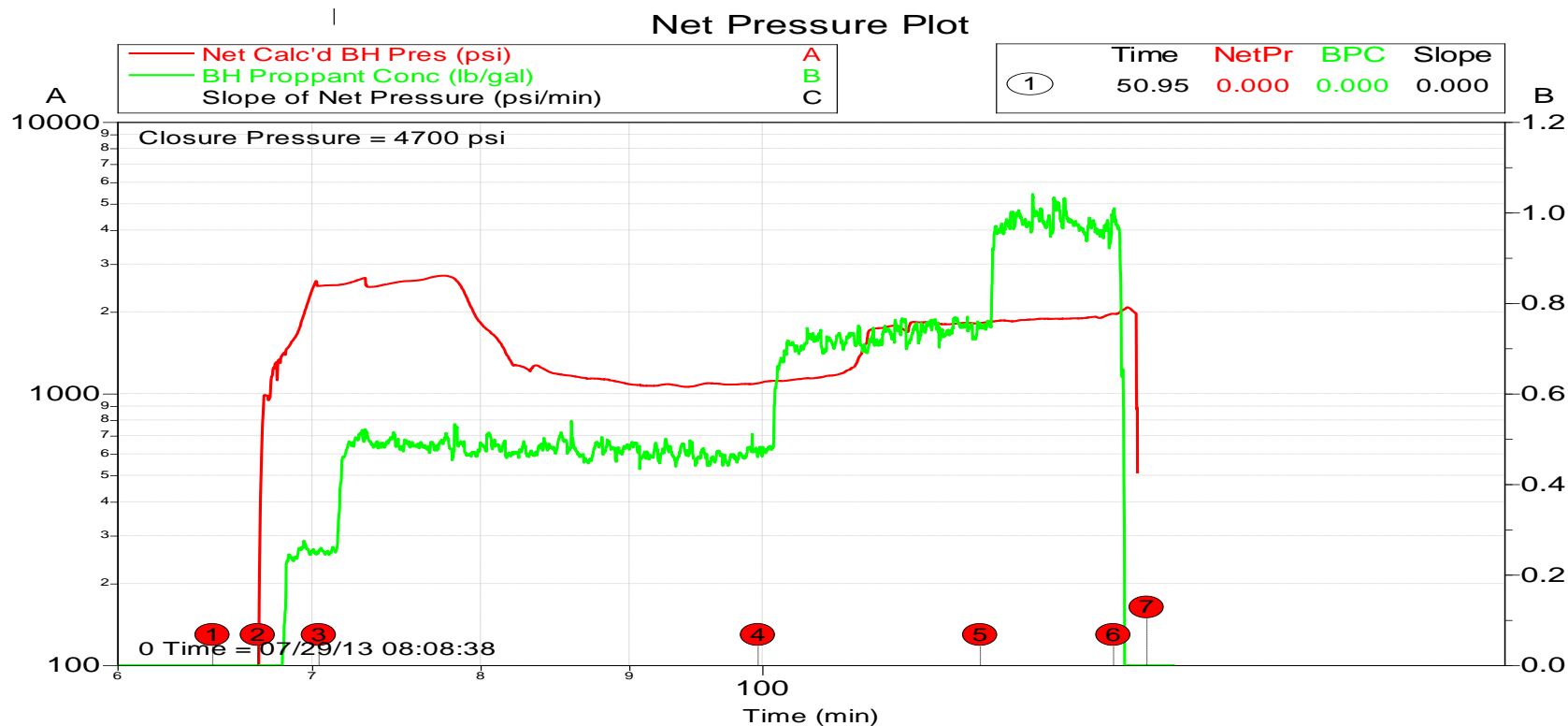
Job Date: 29-Jul-2013
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4.3 Averages Chart



4.4 Net Pressure Plot



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