

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

SKR 598-25-AV-16

Interval 1
Garfield County, Colorado

Sales Order: 900621864

Post Job Report

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

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HALLIBURTON

Table of Contents

1.0	Well Information	3
1.1	Customer Information	3
1.2	Pipe Information	4
1.3	Perforation Intervals	4
2.0	Actual Stage Summary	5
2.1	Stage Summary	5
3.0	Performance Highlights.....	7
3.1	Treatment Summary	7
3.2	Job Event Log	9
4.0	Attachments.....	11
4.1	Treating Chart	11
4.2	Chemical Chart	12
4.3	Averages Chart	13
4.4	Net Pressure Plot	14

1.0 WELL INFORMATION

1.1 Customer Information

Customer

CHEVRON - MID-CONTINENT EBIZ

Sales Order

900621864

Well Name

SKR

Well Number

598-25-AV-16

Job Date

28-Jul-2013

County

Garfield

State

Colorado

UWI/API

05-045-15256

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
4443.0	4714.0	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 10:47:34	4638	53.1	53.1	0.00	1817	22.5
2	28-Jul-13 10:51:56	5469	63.6	63.6	0.27	5129	61.5
3	28-Jul-13 11:29:22	4982	63.8	63.8	0.47	4493	63.6
4	28-Jul-13 11:54:35	5331	63.8	63.8	0.69	4547	62.8
5	28-Jul-13 12:11:38	5298	63.5	63.5	0.85	5193	61.9
6	28-Jul-13 12:14:57	5209	63.7	63.7	0.19	4783	61.2
7	28-Jul-13 12:17:17	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	28-Jul-13 10:47:34	23.5	2531	2642	0.00
2	28-Jul-13 10:51:56	61.0	11266	11178	17.25
3	28-Jul-13 11:29:22	63.7	99916	100163	372.72
4	28-Jul-13 11:54:35	63.7	66573	67455	386.68
5	28-Jul-13 12:11:38	63.4	44312	45381	344.93
6	28-Jul-13 12:14:57	59.2	7387	7075	0.00
7	28-Jul-13 12:17:17	0.0	0	0	0.00
Total			231985	233894	1121.58

3.0 PERFORMANCE HIGHLIGHTS

3.1 Treatment Summary

Start Time	28-Jul-13 10:36:10	
End Time	28-Jul-13 12:17:17	

SKR 598-25-AV-16 Stage 1		
7/28/2013		
Engineering Notes		
Engineer on Location	Drew Mogck	
ISDP	1524	psi
Initial Pressure(Breakdown)	2613	psi
Max Pressure	5469	psi
Average Pressure	4683	psi
Max Rate	63.8	bpm
Average Rate	63.7	bpm
Proppant Design Volume	147,075	lbs
Proppant in Formation	144,000	lbs
FR-66 Used	50	gals
BE-7 Used	175	gals
SandWedge WF Used	155	lbs
SCW-4212 Used	29	lbs

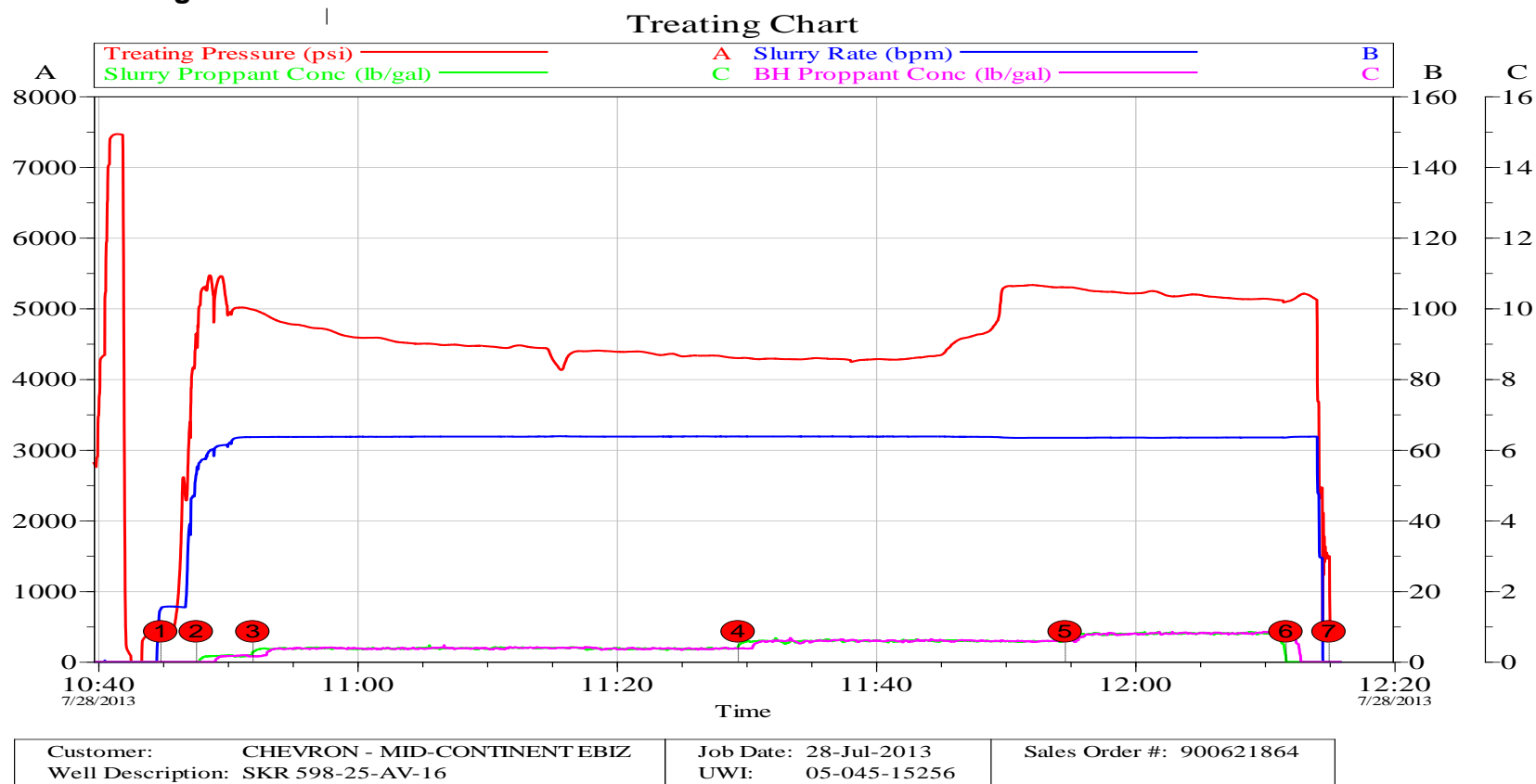
Clean Volume	5523	bbls
Start Time	10:44 AM	HH:MM
End Time	12:14 PM	HH:MM
Job Notes:		
Pumped to completion with no major issues		

3.2 Job Event Log

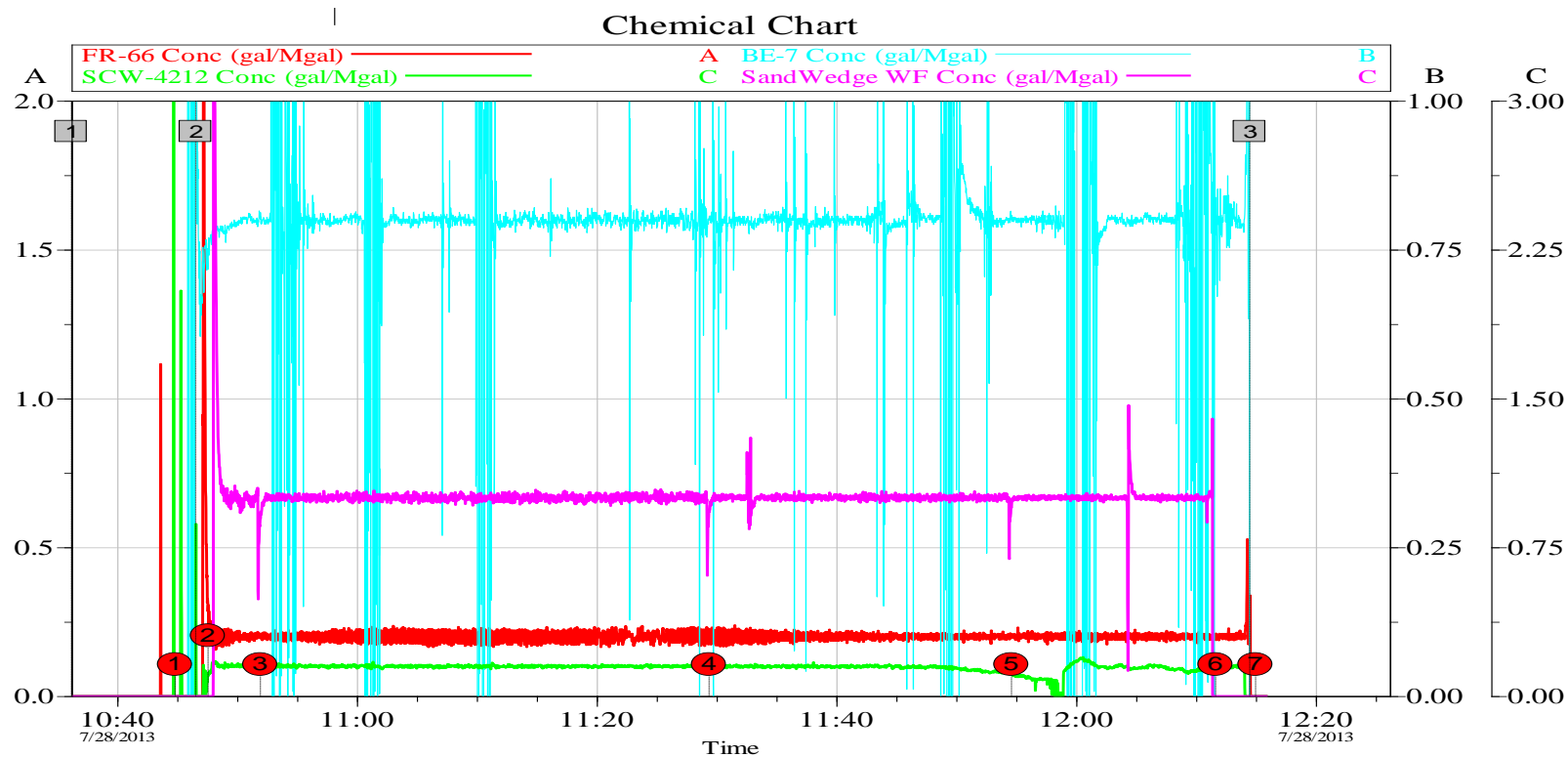
Time	Comment	Treating Pressure psi	Braden Pressure psi	Slurry Rate bpm	Treatment Clean Volume gal	Treatment Slurry Volume gal
28-Jul-13 10:36:10	Starting Job					
10:44:50	Pad	407	-0	15.0	10	11
10:46:33	Break Formation=2613 psi, 15.4 bpm	2609	-1	15.5	1109	1121
10:47:35	Proppant Laden Fluid	4647	-2	53.0	2531	2642
10:51:57	Proppant Laden Fluid	4982	-4	63.6	13796	13820
11:29:23	Proppant Laden Fluid	4296	-8	63.8	113712	113983
11:54:36	Proppant Laden Fluid	5297	-18	63.4	180285	181438
12:11:39	Flush	5094	-22	63.5	224597	226819
12:14:29	ISDP=1524 psi	1459	-24	1.0	231911	233894
12:14:58	Shut-In	1496	-24	0.0	231985	233894
12:17:18	Ending Job	-65	-24	0.0	231985	233894

4.0 ATTACHMENTS

4.1 Treating Chart



4.2 Chemical Chart

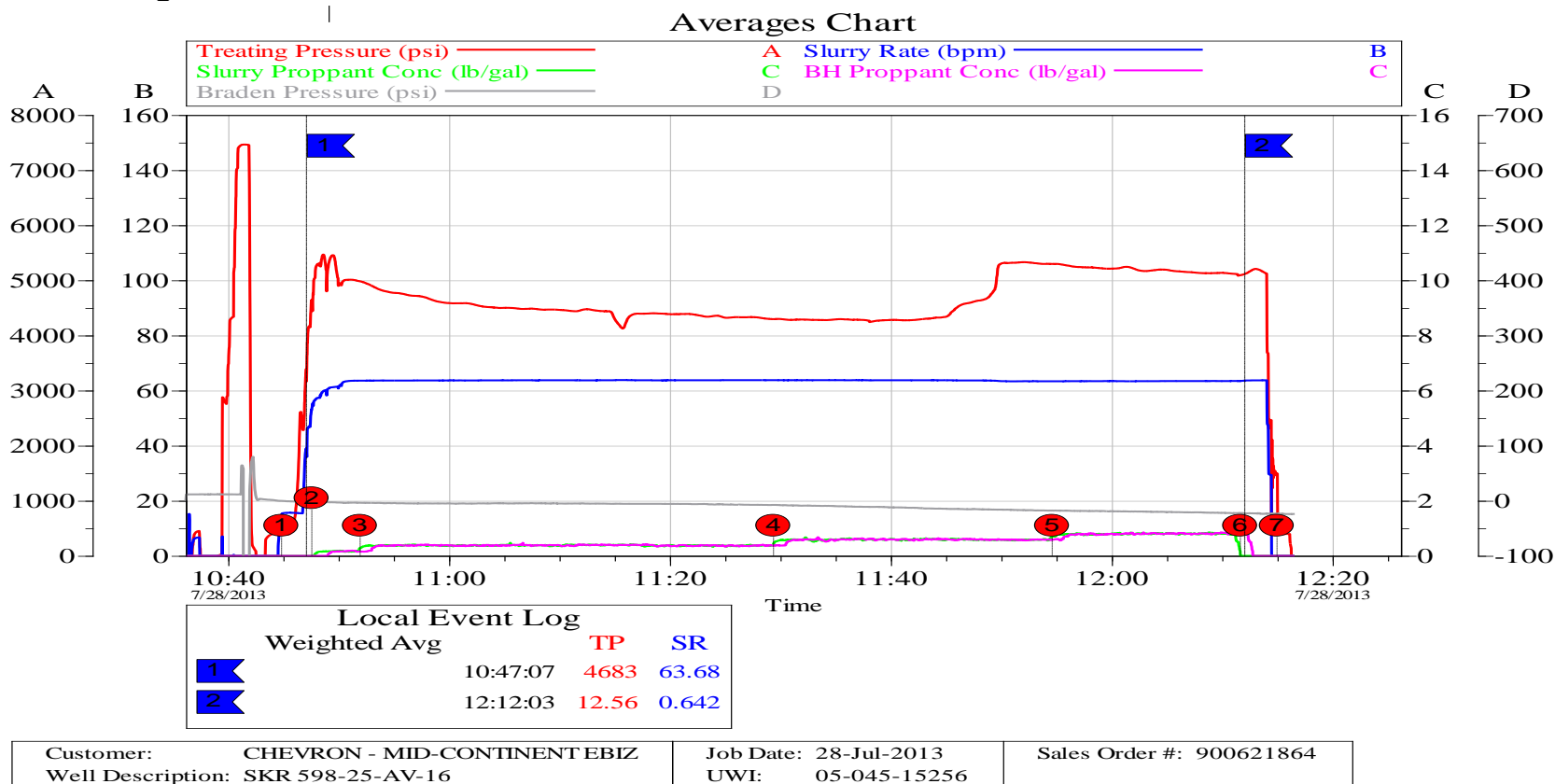


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Well Description: SKR 598-25-AV-16

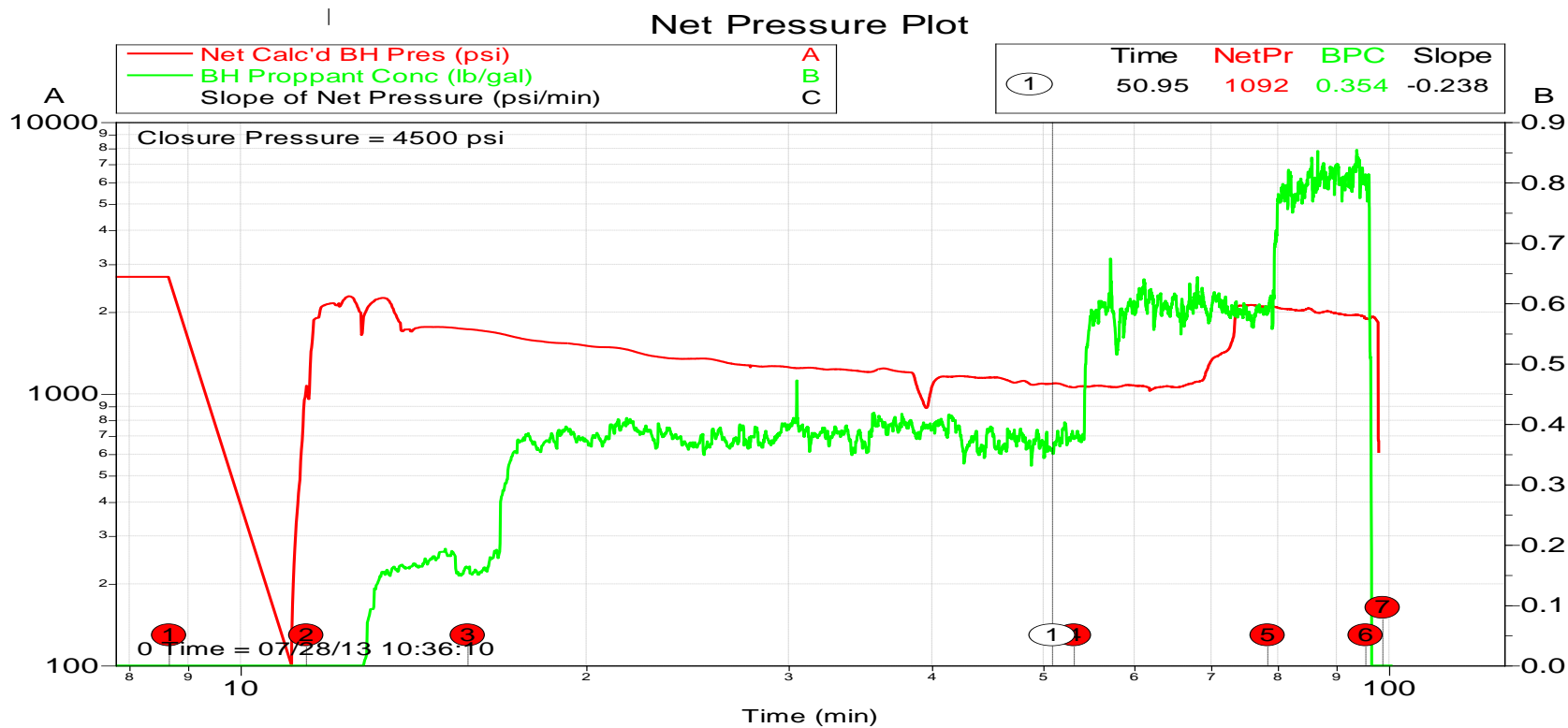
Job Date: 28-Jul-2013
UWI: 05-045-15256

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4.3 Averages Chart



4.4 Net Pressure Plot



Customer:	CHEVRON - MID-CONTINENT EBIZ	Job Date:	28-Jul-2013	Sales Order #:	900621864
Well Description:	SKR 598-25-AV-16	UWI:	05-045-15256		