BIG SHELL OIL & GAS INC
500 N SHORELINE BLVD,STE 705N
CORPUS CHRISTI, TX 78471

University #1

Stage 1 – Wolfcamp – (9766' – 9867')
Andrews County, Texas

Sales Order: 6063434

Post Job Report

For: Terry Cunningham
Date: Thursday, August 07, 2008

HALLIBURTON

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1.0 EXECUTIVE SUMMARY

Terry Cunningham
BIG SHELL OIL & GAS INC
500 N SHORELINE BLVD,STE 705N
CORPUS CHRISTI, TX 78471

Dear Terry Cunningham,

Halliburton appreciates the opportunity to perform the stimulation treatment on the University #1. A pre-job safety meeting was held where details of the job were discussed, potential safety hazards were reviewed, and environmental compliance procedures were outlined. Pump time was 39.97 min.

The proposed treatment for Wolfcamp consisted of:

- 10279 gal of Treated Water.
- 3000 gal of 15% Ferchek SC Acid (0.3%).
- 11000 gal of Water Frac G - R (13).
- 35000 gal of Water Frac G - R (13) carrying 70000 lb of SAND-PREMIUM WHITE-20/40.
- Maximum WHTP was set to 6000 psi.

The treatment actually pumped consisted of:

- Breakdown pressure was 4205 psi.
- 11871 gal of Treated Water.
- 3021 gal of 15% Ferchek SC Acid (0.3%).
- 12303 gal of Water Frac G - R (13).
- 36440 gal of Water Frac G - R (13) carrying 69680 lb of SAND-PREMIUM WHITE-20/40.
- Final ISIP 1993 psi.
- 5 min 1756 psi.

The total liquid load to recover is 63635 gal.

Halliburton is strongly committed to quality control on location. Before and after each job all chemicals, proppants, and fluid volumes are measured to assure the highest level of quality control. Tank fluid analysis, crosslink time, and break tests are performed before each job in order to optimize the performance of the treatment fluids.

Halliburton maintains a continuous quality improvement process and appreciates any comments or suggestions that you may have. Halliburton again thanks you for the opportunity to perform service work on this well. We hope to be your solutions provider for future projects.

Respectfully,

Hycent Angwafo

2.0 WELL INFORMATION

2.1 Customer Information

Customer	BIG SHELL OIL & GAS INC
Sales Order	6063434
Well Name	University
Well Number	#1
Start Time	07-Aug-08 08:00:23
County	Andrews
State	Texas
UWI/API	42-003-40442
Country	United States of America
Customer Representative	Terry Cunningham
Halliburton Representative	Jesus Lozano

2.2 Pipe Information

Equipment	Top MD ft	Bottom MD ft	OD in	ID in	Grade	Weight lb/ft
Trt Interval	9766.0	9867.0	0.000	0.000		0.00
Casing	0.0	11300.0	5.500	4.892	L-80	17.00

2.3 Perforation Intervals

Top MD ft	Bottom MD ft	Number of Shots	Perf Diameter in	Perf Formation
9766.0	9768.0	14	0.480	Wolfcamp Perforated Interval
9808.0	9810.0	16	0.480	Wolfcamp Perforated Interval
9865.0	9867.0	13	0.480	Wolfcamp Perforated Interval

3.0 PUMPING SCHEDULE

3.1 Designed Pumping Schedule

Stage Number	Description	Fluid System	Clean Volume gal	Slurry Volume gal	Prop Conc Start lb/gal	Prop Conc End lb/gal	Prop Type
1 - 1	Breakdown	Treated Water	1000	1002	0.00	0.00	
1 - 2	Acid Spearhead	15% Ferchek SC Acid (0.3%)	2000	2016	0.00	0.00	
1 - 3	Spacer	Treated Water	1000	1002	0.00	0.00	
1 - 4	Pad	Water Frac G - R (13)	11000	11078	0.00	0.00	
1 - 5	1.0 ppg	Water Frac G - R (13)	6000	6314	1.00	1.00	SAND-PREMIUM WHITE-20/40
1 - 6	1.5 ppg	Water Frac G - R (13)	8000	8601	1.50	1.50	SAND-PREMIUM WHITE-20/40
1 - 7	2.0 ppg	Water Frac G - R (13)	11000	12075	2.00	2.00	SAND-PREMIUM WHITE-20/40
1 - 8	3.0 ppg - Expedite	Water Frac G - R (13)	10000	11431	3.00	3.00	SAND-PREMIUM WHITE-20/40
1 - 9	Spot Acid	15% Ferchek SC Acid (0.3%)	1000	1008	0.00	0.00	
1 - 10	Flush	Treated Water	8279	8296	0.00	0.00	
Total			59279	62823			

3.2 Designed Pumping Schedule (continued)

Stage Number	Description	Prop Mass lb	Rate Stage Start bpm	Rate Stage End bpm	Stage Time min
1 - 1	Breakdown		5.0	5.0	4.77
1 - 2	Acid Spearhead		10.0	20.0	3.20
1 - 3	Spacer		20.0	50.0	0.68
1 - 4	Pad		50.0	50.0	5.28
1 - 5	1.0 ppg	6000	50.0	50.0	3.01
1 - 6	1.5 ppg	12000	50.0	50.0	4.10
1 - 7	2.0 ppg	22000	50.0	50.0	5.75
1 - 8	3.0 ppg - Expedite	30000	50.0	50.0	5.44
1 - 9	Spot Acid		20.0	20.0	1.20
1 - 10	Flush		50.0	50.0	3.95
Total		70000			37.37

4.0 ACTUAL STAGE SUMMARY

4.1 Stage Summary

Stage Number	Start Time	Max Treating Pressure psi	Avg Treating Pressure psi	Max Slurry Rate bpm	Avg Slurry Rate bpm	Avg Clean Rate bpm	Clean Volume gal
1 - 1	13:19:31	4205	2022	39.3	17.3	17.3	2231
1 - 2	13:22:35	4232	3939	20.8	15.9	15.9	2007
1 - 3	13:25:35	4669	4452	25.3	22.8	22.8	1355
1 - 4	13:27:00	5674	4660	98.2	36.9	36.8	12303
1 - 5	13:34:57	4404	4341	50.6	50.4	48.2	6007
1 - 6	13:37:55	4304	4227	51.4	50.6	47.3	8015
1 - 7	13:41:57	4092	3931	51.5	50.7	46.4	11467
1 - 8	13:47:50	3879	3540	51.5	46.6	41.8	10951
1 - 9	13:54:04	2982	2731	32.1	28.4	28.4	1014
1 - 10	13:54:55	4207	3884	47.3	43.2	43.2	8285
Total							63635

Stage Number	Start Time	Proppant Mass Pumped lb	Avg HHP hp
1 - 1	13:19:31	0	858
1 - 2	13:22:35	0	1537
1 - 3	13:25:35	0	2484
1 - 4	13:27:00	232	4210
1 - 5	13:34:57	6155	5366
1 - 6	13:37:55	12261	5240
1 - 7	13:41:57	23620	4887
1 - 8	13:47:50	27644	4044
1 - 9	13:54:04	0	1902
1 - 10	13:54:55	0	4110
Total		69911	

5.0 PERFORMANCE HIGHLIGHTS

5.1 Treatment Summary

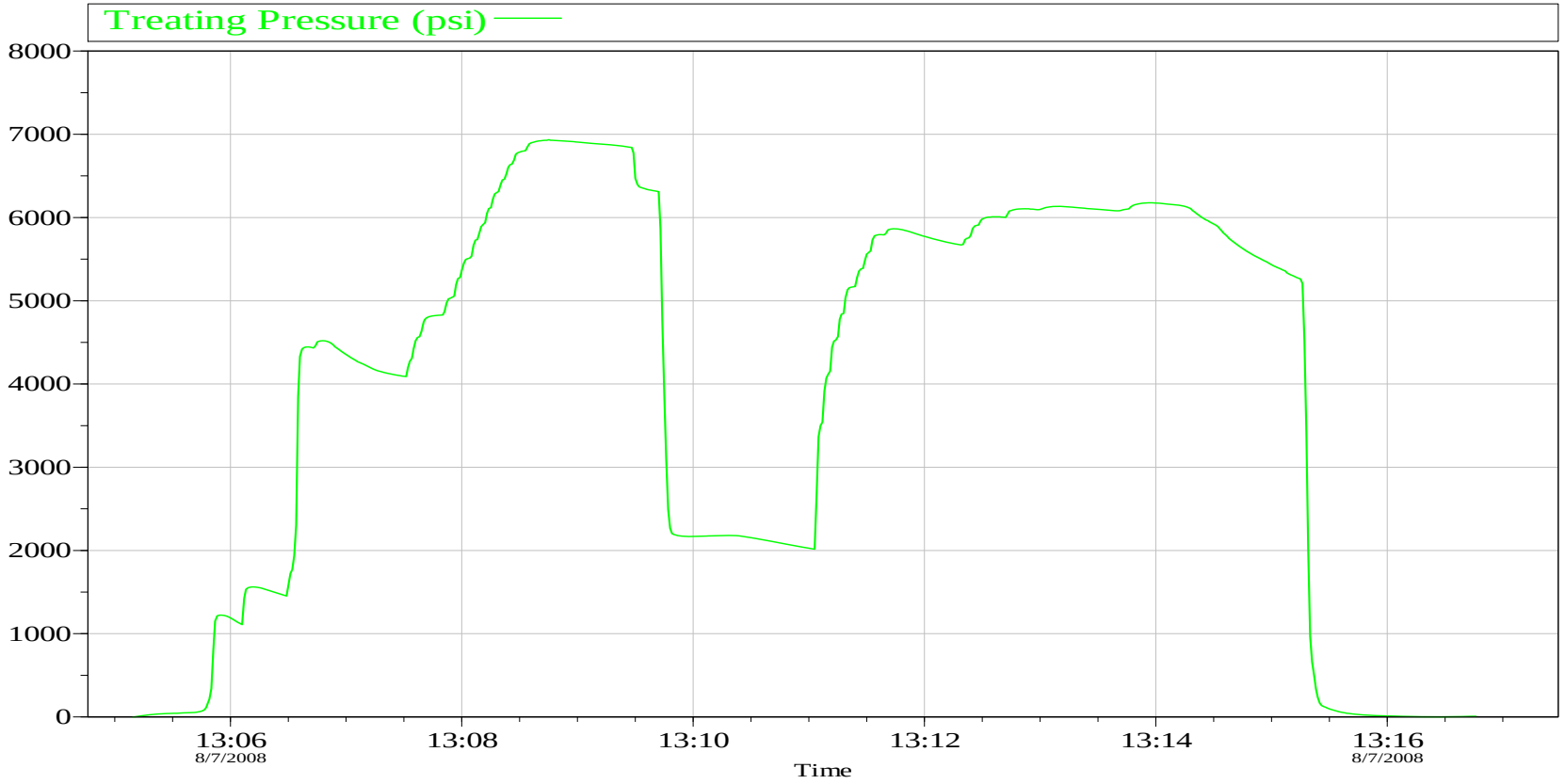
Start Time	07-Aug-08 13:19:31	
End Time	07-Aug-08 14:10:52	
Time	51.36	min
Pump Time	39.97	min
Max Treating Pressure	5674	psi
Avg Treating Pressure	4078	psi
Clean Volume	63635	gal
Max Slurry Rate	51	bpm
Avg Slurry Rate	46	bpm
Slurry Volume	66806	gal
Max Proppant Concentration	3.01	lb/gal
Proppant Mass Pumped	69911	lb
Load to Recover	63635	gal

5.2 Job Event Log

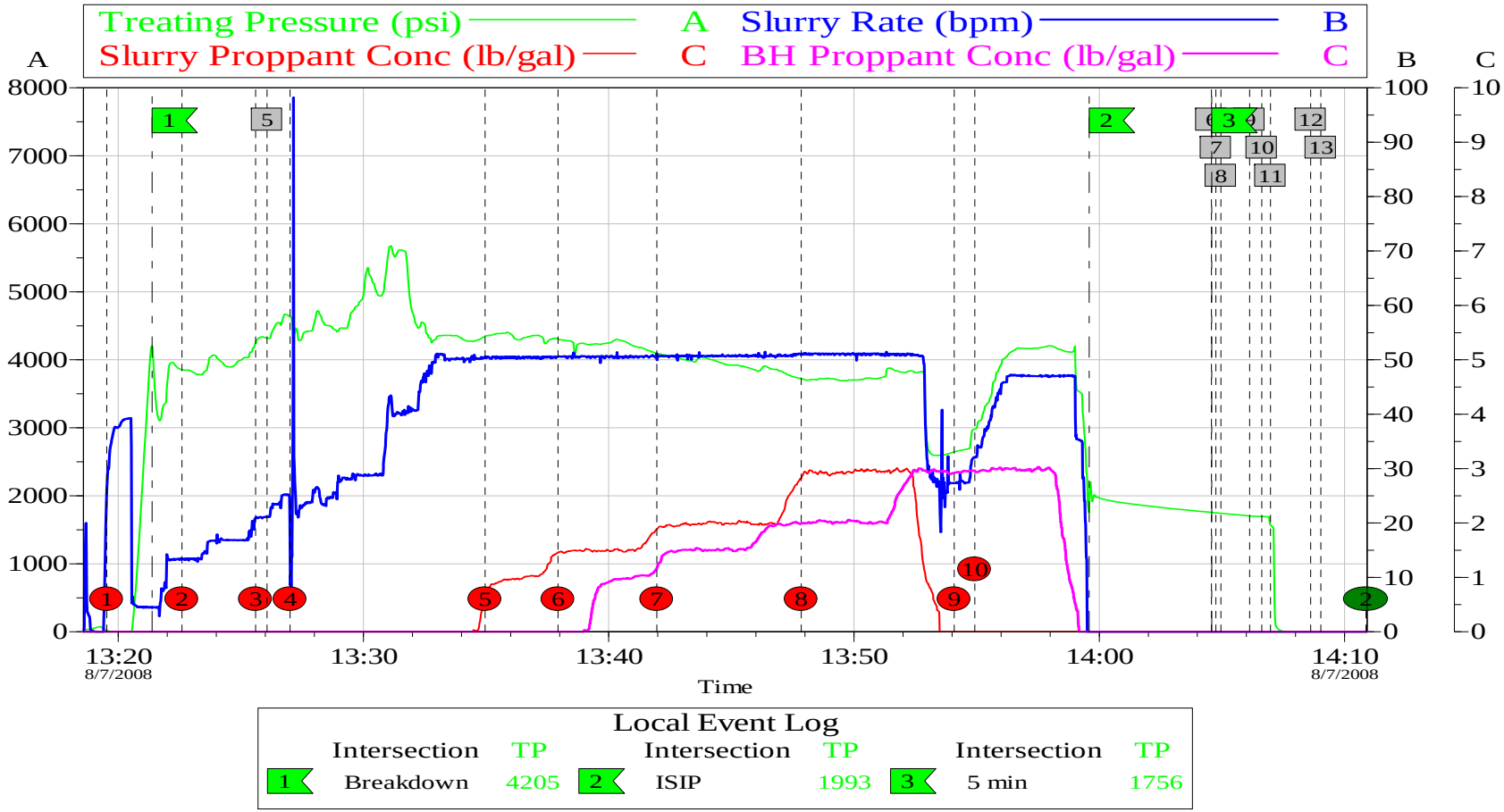
Time	Description	Comment	Treating Pressure psi	Slurry Rate bpm	Job Clean Vol gal	Job Proppant lb
07-Aug-08 12:54:36	Start Job	Starting Job				
12:54:36	Next Treatment	Wolfcamp				
13:12:21	Test Lines	7000 Psi	5735	0.0	203	0
13:13:33	Other	Pop Off Test 6200 Psi	6093	0.0	203	0
13:13:52	Other	Job Max Pressure 6000 psi	6169	0.0	203	0
13:19:31	Stage 1	Breakdown	24	24.2	393	0
13:22:36	Stage 2	Acid Spearhead	3854	13.5	2240	0
13:25:36	Stage 3	Spacer	4237	21.0	4252	0
13:26:04	Other	Bypass to tub	4320	21.1	4665	0
13:27:00	Stage 4	Pad	4635	21.8	5593	0
13:34:57	Stage 5	1.0 ppg	4345	50.6	17896	232
13:37:56	Stage 6	1.5 ppg	4306	50.6	23903	6387
13:41:57	Stage 7	2.0 ppg	4093	51.2	31917	18648
13:47:51	Stage 8	3.0 ppg - Expedite	3724	51.1	43385	42267
13:54:04	Stage 9	Spot Acid	2645	27.3	54336	69911
13:54:55	Stage 10	Flush	2982	32.0	55350	69911
14:04:34	ISIP	1993 psi			63635	69911
14:04:45	Other	Max rate 51 bpm				
14:04:57	Other	Average rate 46 bpm				
14:06:07	Other	Max pressure 5674 psi				
14:06:37	Other	Average pressure 4078 psi				
14:06:59	Other	Total proppant 699.11 sks.				
14:08:37	Other	Total load 63635 gals./ 1515 bbls.				
14:09:02	Shut-In Pressure @ 5 Minutes	1756 psi				

6.0 ATTACHMENTS

6.1 Test Lines



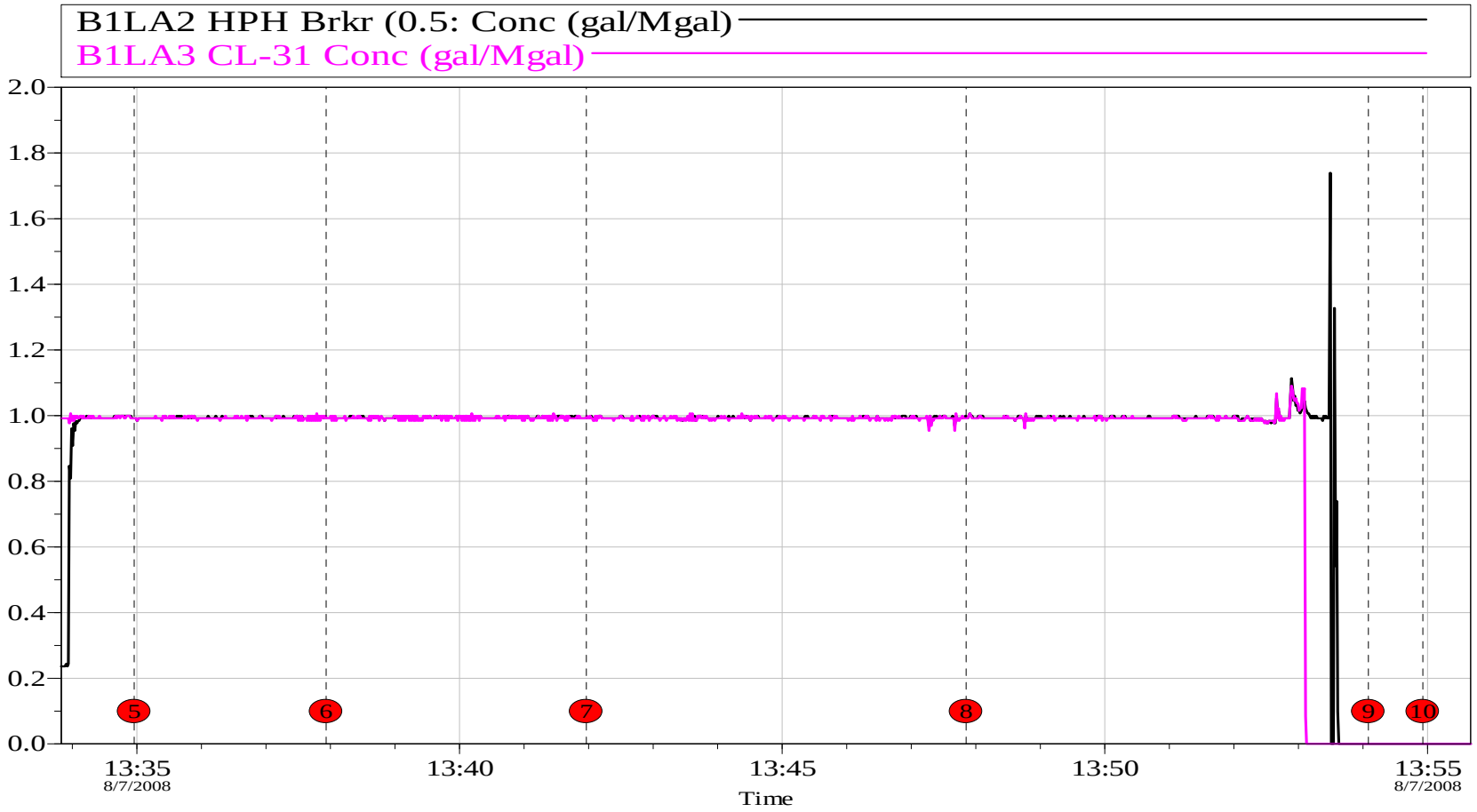
6.2 Job Summary



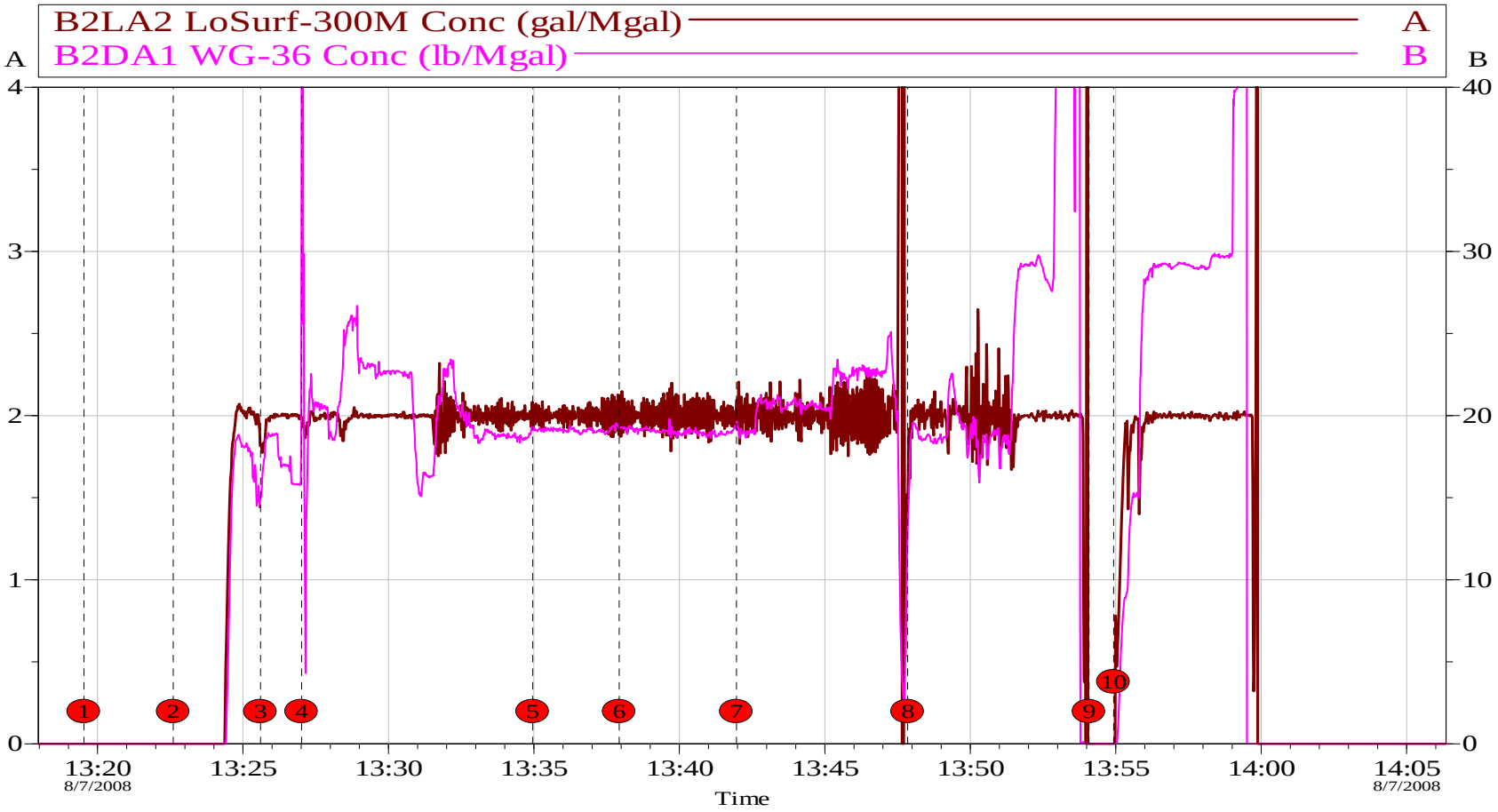
Local Event Log

	Intersection	TP		Intersection	TP		Intersection	TP
1	Breakdown	4205	2	ISIP	1993	3	5 min	1756

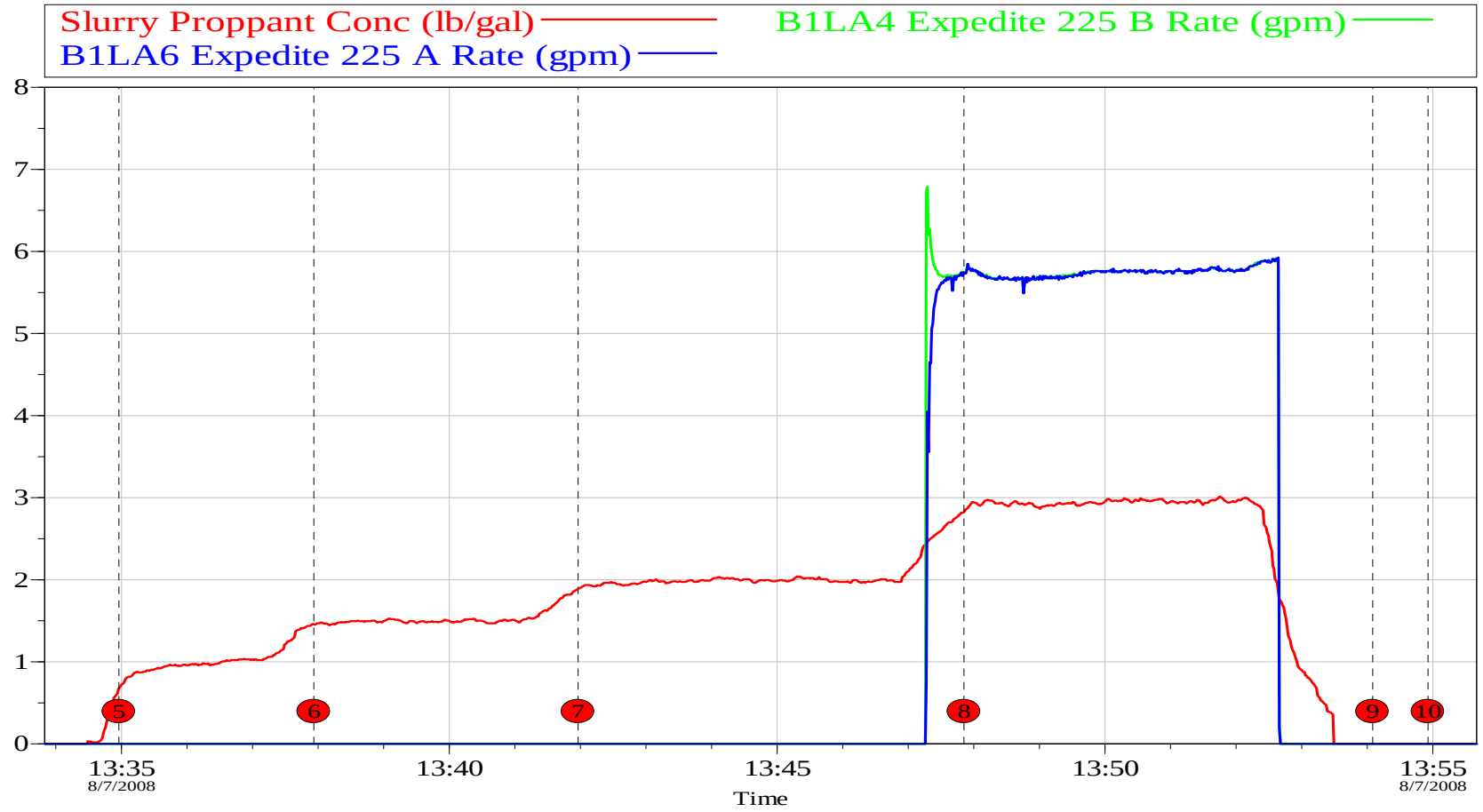
6.3 Chemical Additives - Blender



6.4 Chemical Additives - Pre Gel Blender



6.5 Chemical Additives - Expedite Rate



6.6 Net Pressure Plot