

Click on blue (i) near data to see additional information.

Use mouse, arrow, or tab key to move to next cell or link. Finish all 6 tabs (Sections).

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OGxx1 (Revised 6/2015)



NATURAL RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL GAS AND GEOTHERMAL RESOURCES

**POST- WELL STIMULATION TREATMENT REPORT**

**This report must be completed within 60 days of well stimulation completion in addition to Division form OG103, History of Oil or Gas Well.**

Additional Information can be found at: [www.conservation.ca.gov/dog/](http://www.conservation.ca.gov/dog/)

District (i) 4 Submission Date (i) 10/6/2015 Well Stimulation Permit No. (i) INH14-1125

**Operator Information:**

Name of Operator (i) Aera Energy LLC Operator Code (i) A0610  
Address (i) 10000 Ming Ave City (i) Bakersfield State (i) CA Zip (i) 93311  
Name of person filing form (i) Ty Grove Email (i) frac@aeraenergy.com Phone (i) ( 661 ) 665-5000  
Technical Contact (i) Ty Grove  
Phone (i) ( 661 ) 665-5000 Email (i) frac@aeraenergy.com

**Well Information:**

Lease Name (i) none Well number (i) 943NR2-33  
Field (i) South Belridge County (i) Kern  
API # (i) 04 03056866 Ext (i) 00 Well Type (i) Oil & Gas

**Post-Well Stimulation Data**

1. Pressures recorded during monitoring required during well stimulation treatment under Section 1785(a):  
Enter **maximum** parameter measurement per stage in each data field below.

Well stimulation Dates: (i) Start Date 08/06/15 End Date 08/07/15

a. Surface injection pressure (psi) (i) Attach pressure chart

Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	1318	1573	938	1127											
Stage	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

b. All annuli pressures (psi) (i) Attach pressure chart

Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	0	0	0	0											
Stage	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

**DIVISION USE ONLY**

Application No.

**Post-Well Stimulation Data Continued**

2. Pressures recorded during the first 30 days\* of production pressure monitoring (Title 14, Sec 1787(d)(1))  
This portion of the record may be submitted *after* the 60-day requirement to accommodate actual production schedule.  
When submitting this form without this pressure data, please use the Production Pressures Supplement form on the second tab for later submittal, and fill in the anticipated date of submittal below.

Anticipated submittal date of the Post Production Supplement Form: (i) 10/20/15



5. Did the actual location of the well stimulation treatment differ from what was indicated in the permit application under Section 1783.1(a)(15)? Detail each deviation. [\(i\)](#)

The depths were adjusted to maximize the oil production of the well.

Additional pages attached? Yes  No   
Additional pages may be attached with reference to this post-wst section 5. Please provide list of attachments.

**Post-Well Stimulation Data Continued**

6. Provide a description of hazardous wastes generated during the well stimulation activities and their disposition. Attach copies of all hazardous waste manifests used to transport the hazardous wastes offsite to an authorized facility. [\(i\)](#)

N/A

Additional pages attached? Yes  No   
Additional pages may be attached with reference to this post-wst section 6. Please provide list of attachments.







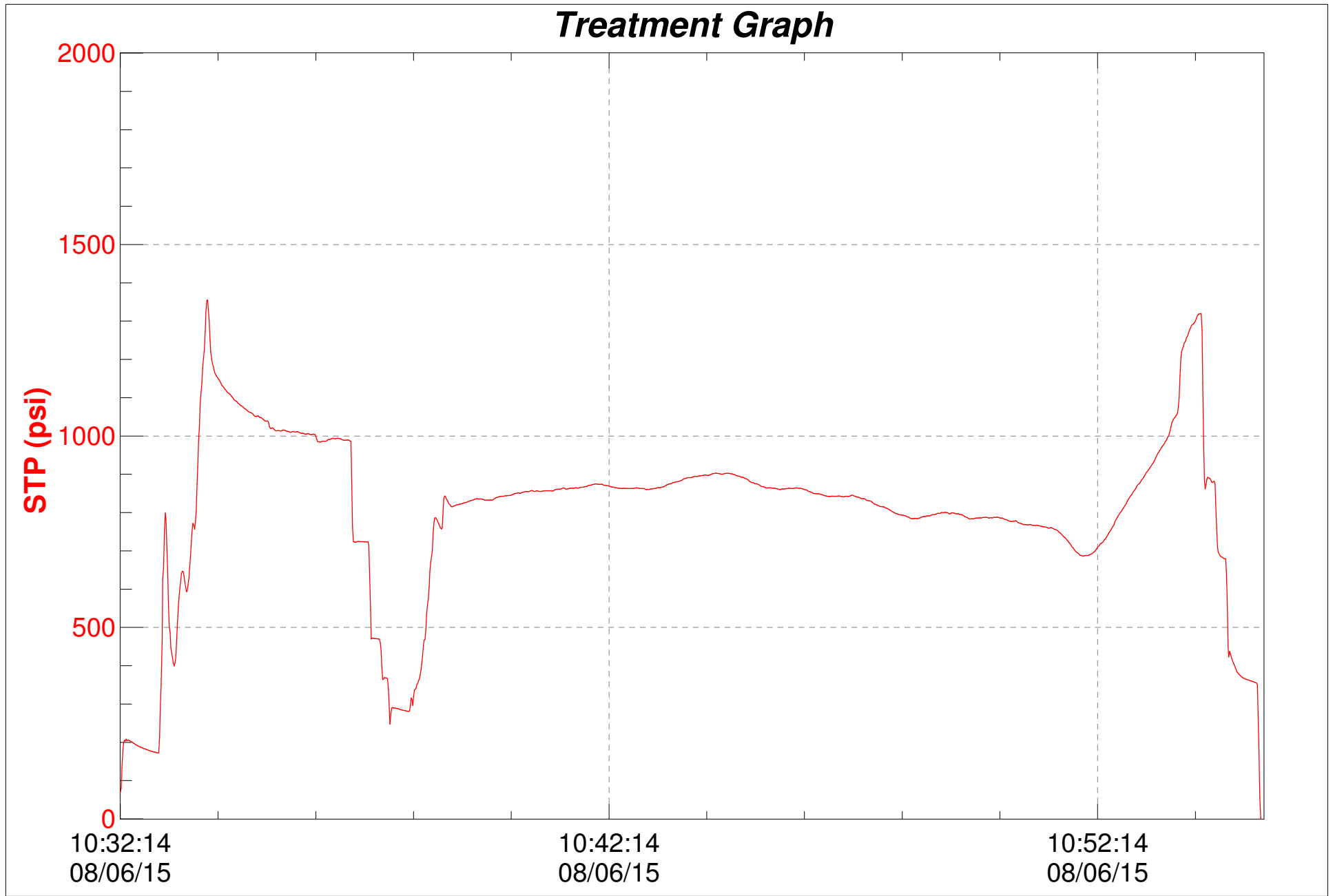
# Baker Hughes JobMaster Program Version 4.02

Job Number: 10011170552

Customer: AERA ENERGY LLC

Well Name: 943NR2-33 API#0403056866 (1452'-1552') Stage A

## Treatment Graph





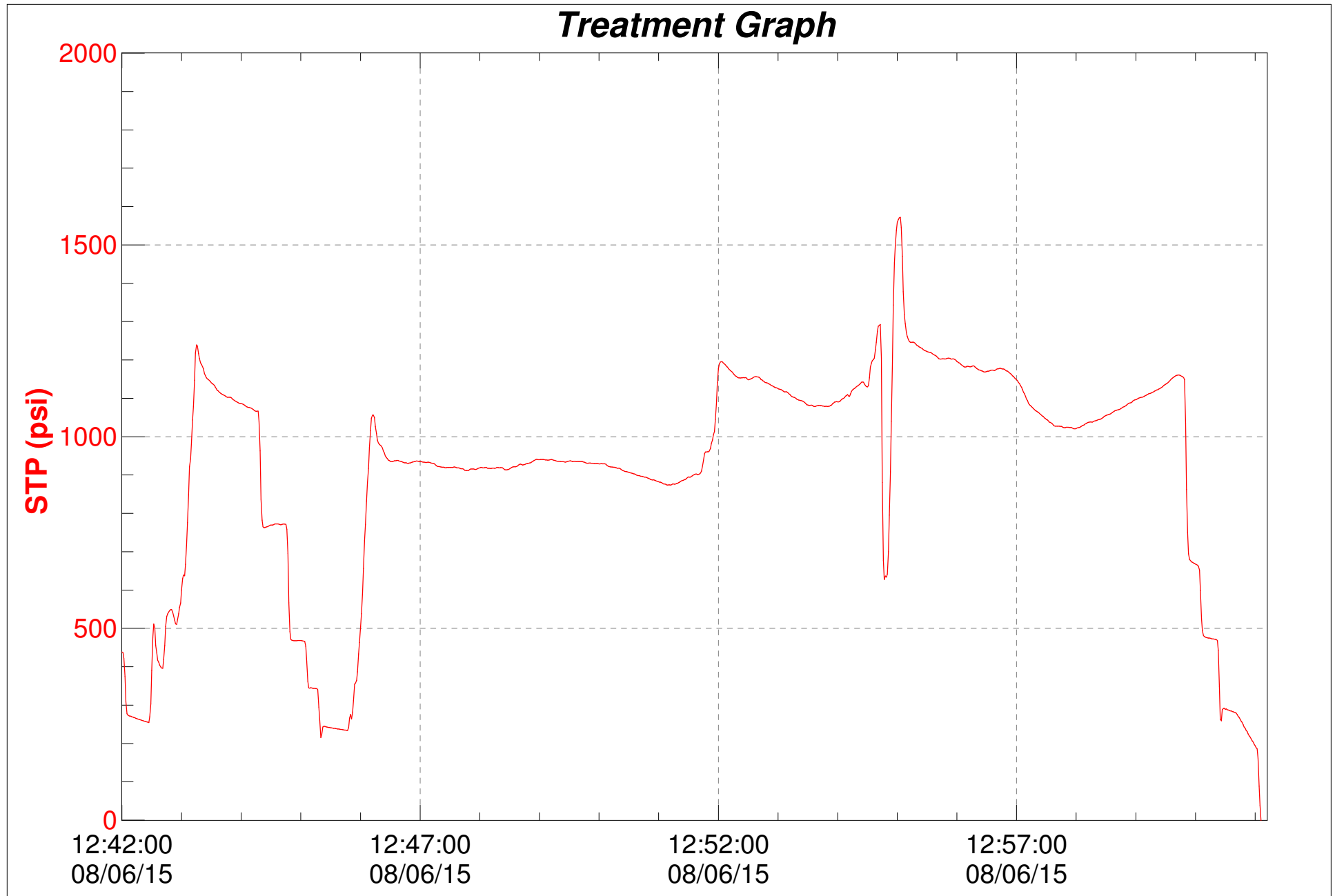
# Baker Hughes JobMaster Program Version 4.02

Job Number: 10011170552

Customer: AERA ENERGY LLC

Well Name: 943NR2-33 API#0403056866 (1291'-1403') Stage B

## Treatment Graph









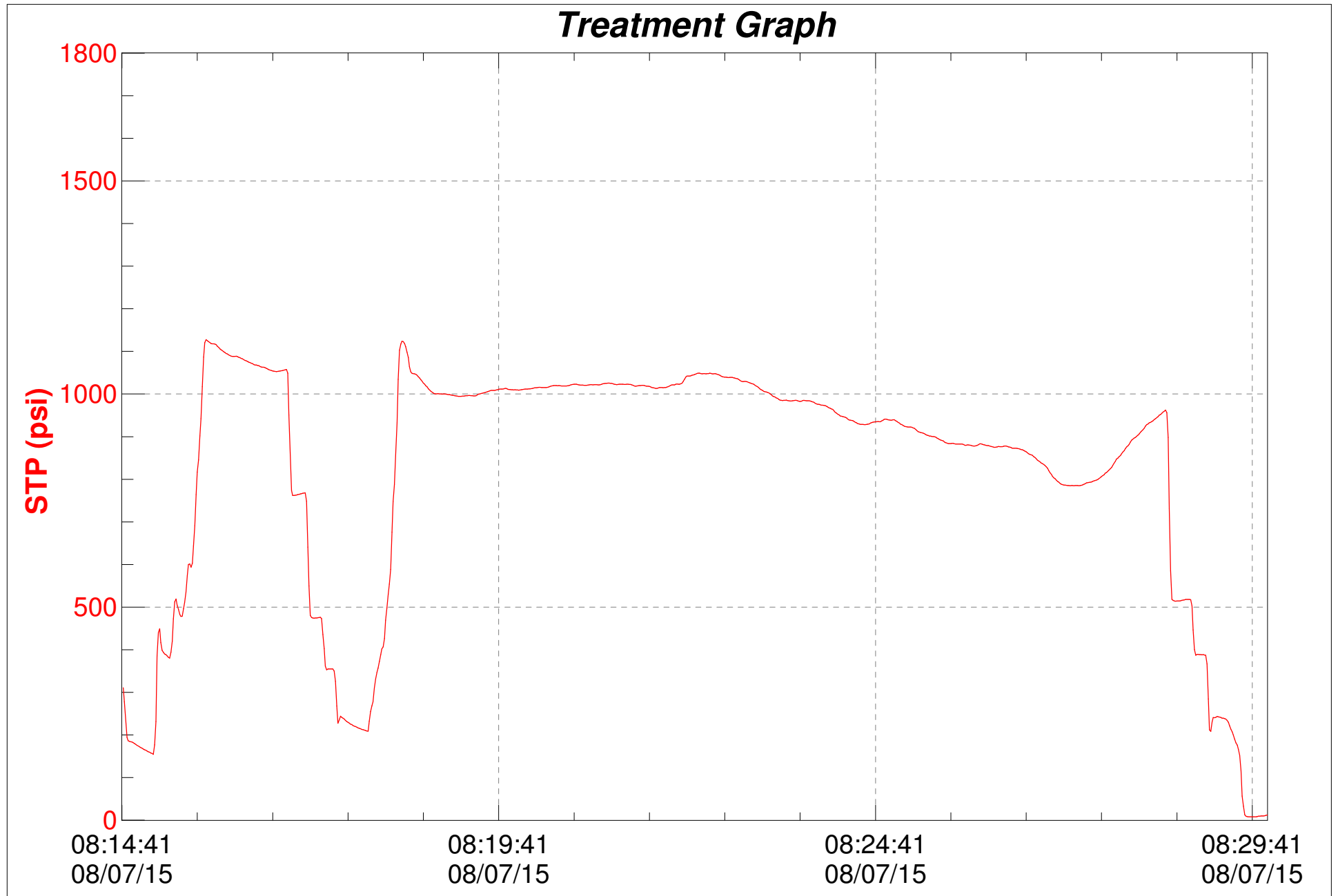
# Baker Hughes JobMaster Program Version 4.02

Job Number: 10011170552

Customer: AERA ENERGY LLC

Well Name: 564A2-33 API#0403056866 (956'-1011') Stage D

## Treatment Graph



API #	Well Name	Date	Flowline Pressure	Casing Pressure
03056866	943NR2-33	1/18/2016	25.44	26.25
03056866	943NR2-33	1/19/2016	24.26	24.79
03056866	943NR2-33	1/20/2016	31.27	31.27
03056866	943NR2-33	1/21/2016	25.5	26.29
03056866	943NR2-33	1/22/2016	24.25	24.94
03056866	943NR2-33	1/23/2016	23.63	24.31
03056866	943NR2-33	1/24/2016	24.25	25
03056866	943NR2-33	1/25/2016	24.24	24.82
03056866	943NR2-33	1/26/2016	23.19	24.13
03056866	943NR2-33	1/27/2016	25.53	26.24
03056866	943NR2-33	1/28/2016	23.24	24
03056866	943NR2-33	1/29/2016	24.13	24.8
03056866	943NR2-33	1/30/2016	22.87	23.73
03056866	943NR2-33	1/31/2016	24.33	25
03056866	943NR2-33	2/1/2016	23	23.76
03056866	943NR2-33	2/2/2016	23.69	24.38
03056866	943NR2-33	2/3/2016	24.29	24.94
03056866	943NR2-33	2/4/2016	23.87	24.4
03056866	943NR2-33	2/5/2016	26.88	27.56
03056866	943NR2-33	2/6/2016	24.13	24.75
03056866	943NR2-33	2/7/2016	24.2	24.87
03056866	943NR2-33	2/8/2016	24.8	25.47
03056866	943NR2-33	2/9/2016	26.06	26.31
03056866	943NR2-33	2/10/2016	24.73	25.53
03056866	943NR2-33	2/11/2016	24.36	25.21
03056866	943NR2-33	2/12/2016	24.33	24.93
03056866	943NR2-33	2/13/2016	26.8	27.73
03056866	943NR2-33	2/14/2016	22.87	23.4
03056866	943NR2-33	2/15/2016	23.27	23.53
03056866	943NR2-33	2/16/2016	23.35	23.94
03056866	943NR2-33	2/17/2016	23.1	23.6
03056866	943NR2-33	2/25/2016	39.5	40.25
03056866	943NR2-33	2/26/2016	27.5	28.43
03056866	943NR2-33	2/27/2016	25.07	25.73
03056866	943NR2-33	2/28/2016	24.4	25.27
03056866	943NR2-33	2/29/2016	24.81	25.5
03056866	943NR2-33	3/1/2016	25.53	26.27
03056866	943NR2-33	3/2/2016	25.5	26.31
03056866	943NR2-33	3/3/2016	24.22	24.83
03056866	943NR2-33	3/4/2016	25.93	25.73
03056866	943NR2-33	3/5/2016	23.67	24.13
03056866	943NR2-33	3/6/2016	23.67	24.2
03056866	943NR2-33	3/7/2016	25.87	26.4
03056866	943NR2-33	3/8/2016	24.27	24.87
03056866	943NR2-33	3/9/2016	24.67	25.53
03056866	943NR2-33	3/10/2016	24.14	25.14

03056866	943NR2-33	3/11/2016	24.13	24.4
03056866	943NR2-33	3/12/2016	25.29	25.79
03056866	943NR2-33	3/13/2016	24.43	25
03056866	943NR2-33	3/14/2016	24.4	24.93
03056866	943NR2-33	3/15/2016	24.87	25.2
03056866	943NR2-33	3/16/2016	24.85	25.46
03056866	943NR2-33	3/17/2016	24.93	25.5
03056866	943NR2-33	3/18/2016	25.64	26.36
03056866	943NR2-33	3/19/2016	28.07	28.4
03056866	943NR2-33	3/20/2016	24.33	24.93
03056866	943NR2-33	3/21/2016	24.2	24.6
03056866	943NR2-33	3/22/2016	26	26.43
03056866	943NR2-33	3/23/2016	23.88	24.5
03056866	943NR2-33	3/24/2016	24.57	25.29
03056866	943NR2-33	3/25/2016	24.21	24.79
03056866	943NR2-33	3/26/2016	24.33	24.87
03056866	943NR2-33	3/27/2016	24.6	25.4
03056866	943NR2-33	3/28/2016	22.53	23.2
03056866	943NR2-33	3/29/2016	23.57	24.07
03056866	943NR2-33	3/30/2016	23.93	24.71
03056866	943NR2-33	3/31/2016	25.2	25.73
03056866	943NR2-33	4/1/2016	25	25.69
03056866	943NR2-33	4/2/2016	26.33	27.07
03056866	943NR2-33	4/3/2016	25.93	26.57
03056866	943NR2-33	4/4/2016	26.71	27.21
03056866	943NR2-33	4/5/2016	25.6	26.47
03056866	943NR2-33	4/6/2016	25.31	25.69
03056866	943NR2-33	4/7/2016	25.93	26.6
03056866	943NR2-33	4/8/2016	24.93	25.21
03056866	943NR2-33	4/9/2016	24.53	25.33
03056866	943NR2-33	4/10/2016	25.07	25.6
03056866	943NR2-33	4/11/2016	24.87	25.67
03056866	943NR2-33	4/12/2016	32.6	32.8
03056866	943NR2-33	4/13/2016	26.57	26.93
03056866	943NR2-33	4/14/2016	25.21	25.71
03056866	943NR2-33	4/15/2016	24.29	24.93
03056866	943NR2-33	4/16/2016	25.31	25.81
03056866	943NR2-33	4/17/2016	25.13	25.81
03056866	943NR2-33	4/18/2016	26.73	27.27
03056866	943NR2-33	4/19/2016	25.86	26.57
03056866	943NR2-33	4/20/2016	24.64	25.29
03056866	943NR2-33	4/21/2016	25.5	26.14
03056866	943NR2-33	4/22/2016	25.8	26.4
03056866	943NR2-33	4/23/2016	24.36	25
03056866	943NR2-33	4/24/2016	24.71	25.21
03056866	943NR2-33	4/25/2016	23.87	24.67
03056866	943NR2-33	4/26/2016	23.93	24.53

03056866	943NR2-33	4/27/2016	25.67	26.27
03056866	943NR2-33	4/28/2016	24.73	25.2
03056866	943NR2-33	4/29/2016	27.6	27.8
03056866	943NR2-33	4/30/2016	24.79	25.43
03056866	943NR2-33	5/1/2016	25.43	26.14
03056866	943NR2-33	5/2/2016	24.79	25.64
03056866	943NR2-33	5/3/2016	25.93	