

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



## SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

RECEIVED

SEP 25 2012

COGCC

1. OGCC Operator Number : 100185  
2. Name Of Operator : EnCana Oil & Gas (USA) Inc.  
3. Address : 370 17th Street, Suite 1700  
City : Denver State : CO Zip : 80202  
4. Contact Name : RUTHANN MORSS  
Phone : 720-876-5060  
Fax : 720-876-6060  
5. API Number : 05045211900000 OGCC Facility ID Number  
6. Well/Facility Name : Gardner Federal 7. Well/Facility Number : 28-1 (PC28)  
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian) : NENW Sec 28 T7S - R95W 6th PM  
9. County : GARFIELD (Lot 3) 10. Field Name : Parachute  
11. Federal, Indian or State Lease Number :

Complete the Attachment  
Checklist

	OP	OGCC
Survey Plat	<input type="checkbox"/>	<input type="checkbox"/>
Directional Survey	<input type="checkbox"/>	<input type="checkbox"/>
Surface Eqpm Diagram	<input type="checkbox"/>	<input type="checkbox"/>
Technical Info Page	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>

## General Notice

<input type="checkbox"/> CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit) FNL/FSL FEL/FWL	
Change of Surface Footage from Exterior Section Lines: Change of Surface Footage to Exterior Section Lines: Change of Bottomhole Footage from Exterior Section Lines: Change of Bottomhole Footage to Exterior Section Lines: Bottom hole location Qtr/Qtr, Sec, Twp, Rng, Mer	
Latitude	Distance to nearest property line
Longitude	Distance to nearest lease line
Ground Elevation	Distance to nearest well same formation
Distance to nearest bldg, public rd, utility or RR Is location in a High Density Area (Rule 603b)? Yes/No Surface owner consultation date:	
attach directional survey	
GPS DATA:	
Date of Measurement	PDOP Reading
Instrument Operator's Name	
<input type="checkbox"/> CHANGE SPACING UNIT	
Formation	Formation Code
Spacing order number	Unit Acreage
Unit configuration	
<input type="checkbox"/> Remove from surface bond Signed surface use agreement attached	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	
Effective Date :	
Plugging Bond : <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	
<input type="checkbox"/> CHANGE WELL NAME	
From :	NUMBER
To :	
Effective Date :	
<input type="checkbox"/> ABANDONED LOCATION:	
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date Ready for Inspection:	
<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS	
Date well shut in or temporarily abandoned:	
Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No	
MIT required if shut in longer than two years. Date of Last MIT	
<input type="checkbox"/> SPUD DATE :	
<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS: (6 mos from date casing set)	
<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK	
*submit cbl and cement job summaries	
Method used	Cementing tool setting/perf depth
Cement volume	Cement top
Cement bottom	Date
<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.	
Final reclamation will commence on approximately <input type="checkbox"/> Final reclamation is completed and site is ready for inspection.	

## Technical Engineering/Environmental Notice

<input type="checkbox"/> Notice of Intent		<input checked="" type="checkbox"/> Report of Work Done
Approximate Start Date :		Date Work Completed : 09/24/2012
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)		
<input type="checkbox"/> Intent To Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans for spills and Releases
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other : pressure plots from frac ops	

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Ruthann Morss Date: 09/25/2012

Email: ruthann.morss@encana.com

Print Name : RUTHANN MORSS

Title : REGULATORY ANALYST

COGCC Approved: David And Title: PE II Date: 10/5/2012

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

RECEIVED

SEP 25 2012

OGCC

1. OGCC Operator Number: 100185 API Number: 05045211900000  
2. Name of Operator: EnCana Oil & Gas (USA) Inc. OGCC Facility ID #  
3. Well/Facility Name: Gardner Federal 28-1 (PC28) Well/Facility Number: 28-1 (PC28)  
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NENW Sec 28 T7S - R95W 6th PM

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS

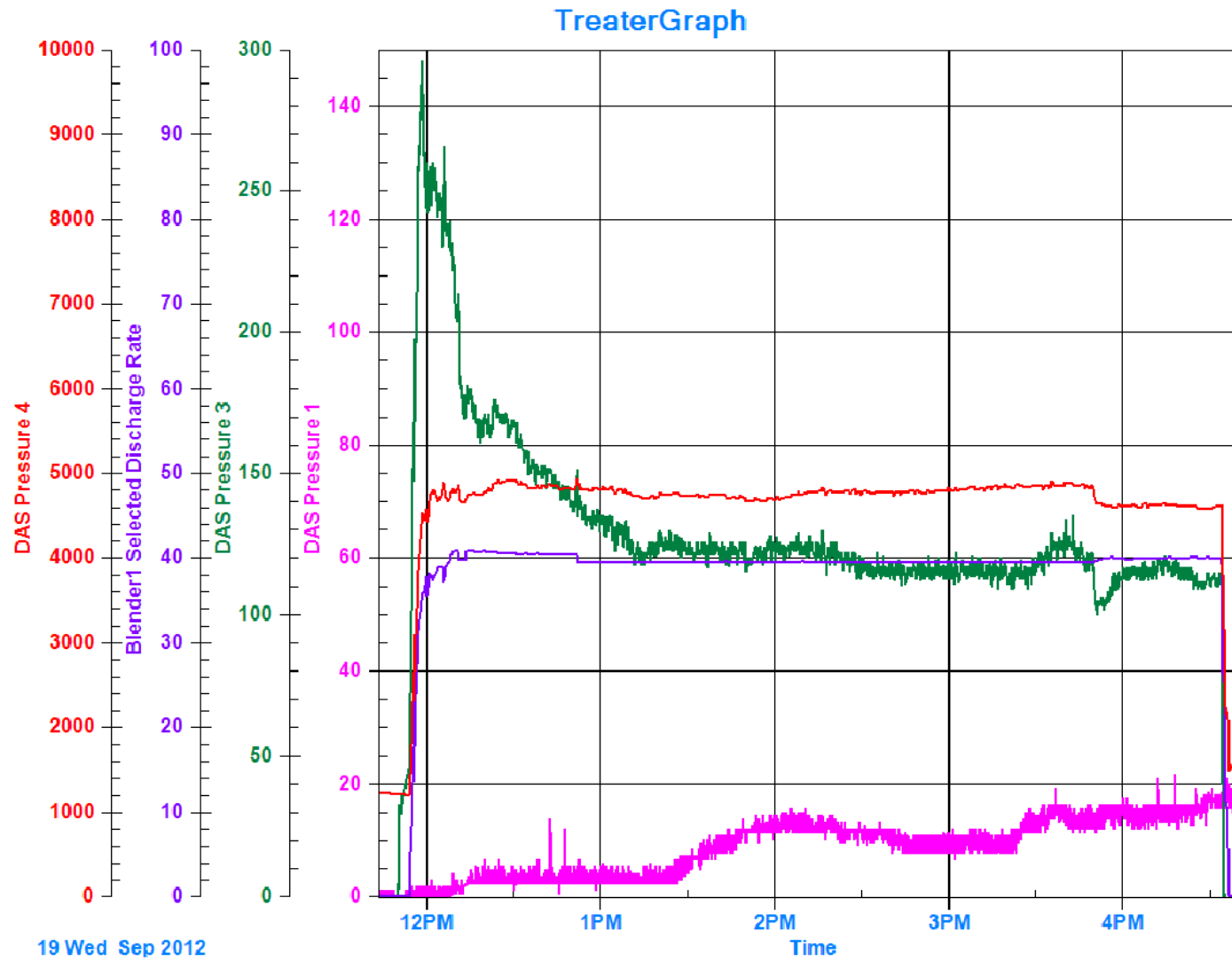
After a failed attempt to repair a casing hole in the Gardner Federal 28-1 (PC28) Encana received approval from the BLM and the OGCC to conduct normal fracturing operations down the frac string with COAs that required monitoring of bradenhead and tubing annulus pressures during the frac operation. While fracturing, the tubing annulus pressured up initially in excess of 200 psi, but always tapered off thereafter. Based on the behaviour of the pressure, Encana does not believe that the frac string packer is leaking. Pressure plots are attached for review.

**Pressure Plot Notes:**

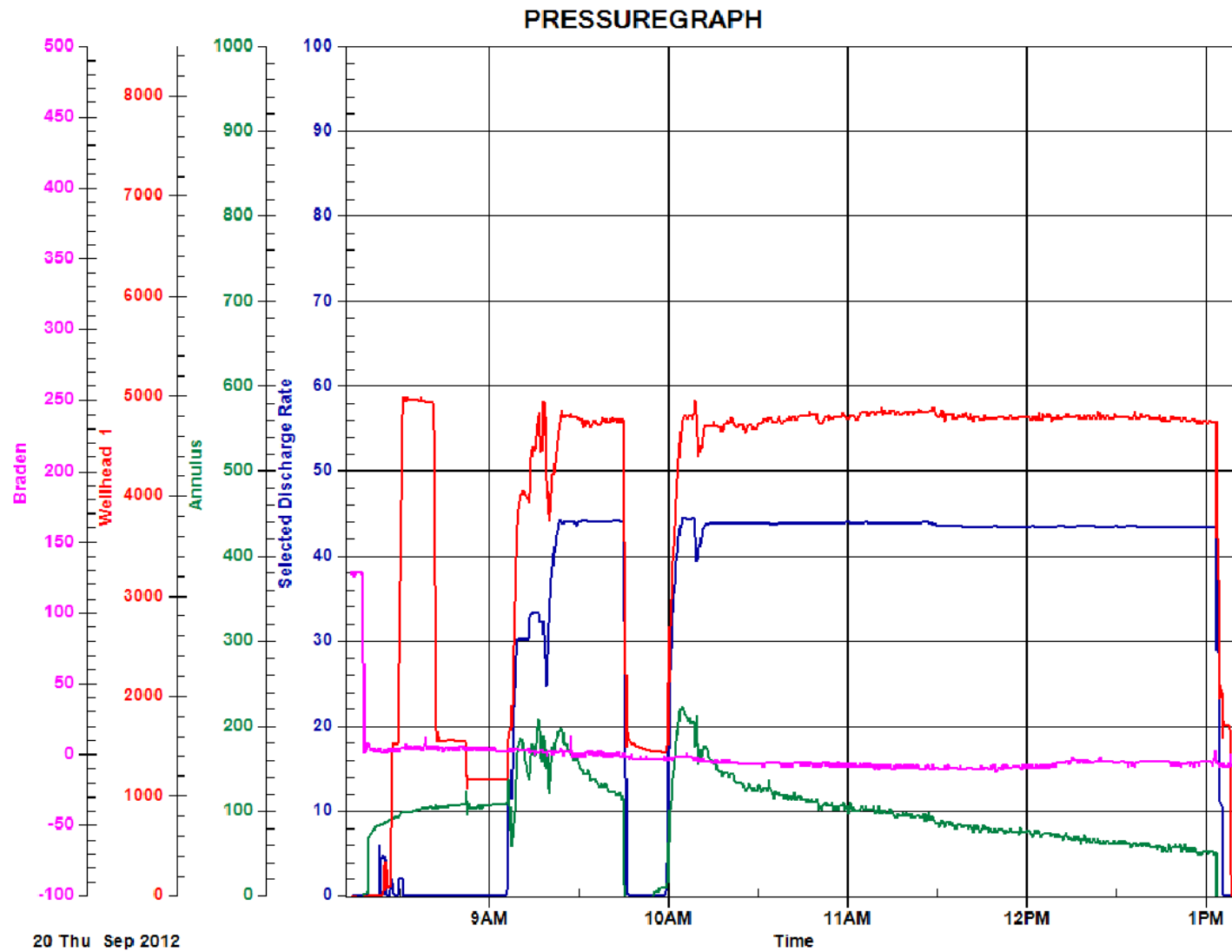
- Track labeling is not consistent, so the following key should be utilized:
  - Pink: Bradenhead pressure, psi
  - Red: Wellhead pressure, psi
  - Green: Tubing annulus pressure, psi
  - Blue: Discharge rate, bpm
- Multiple stages could not be completed within the frac crew's work time, so some stages will have two pressure plots

REVISED PRESSURE PLOTS  
RECEIVED  
10/04/2012  
COGCC

Stage 1: 09/19/2012

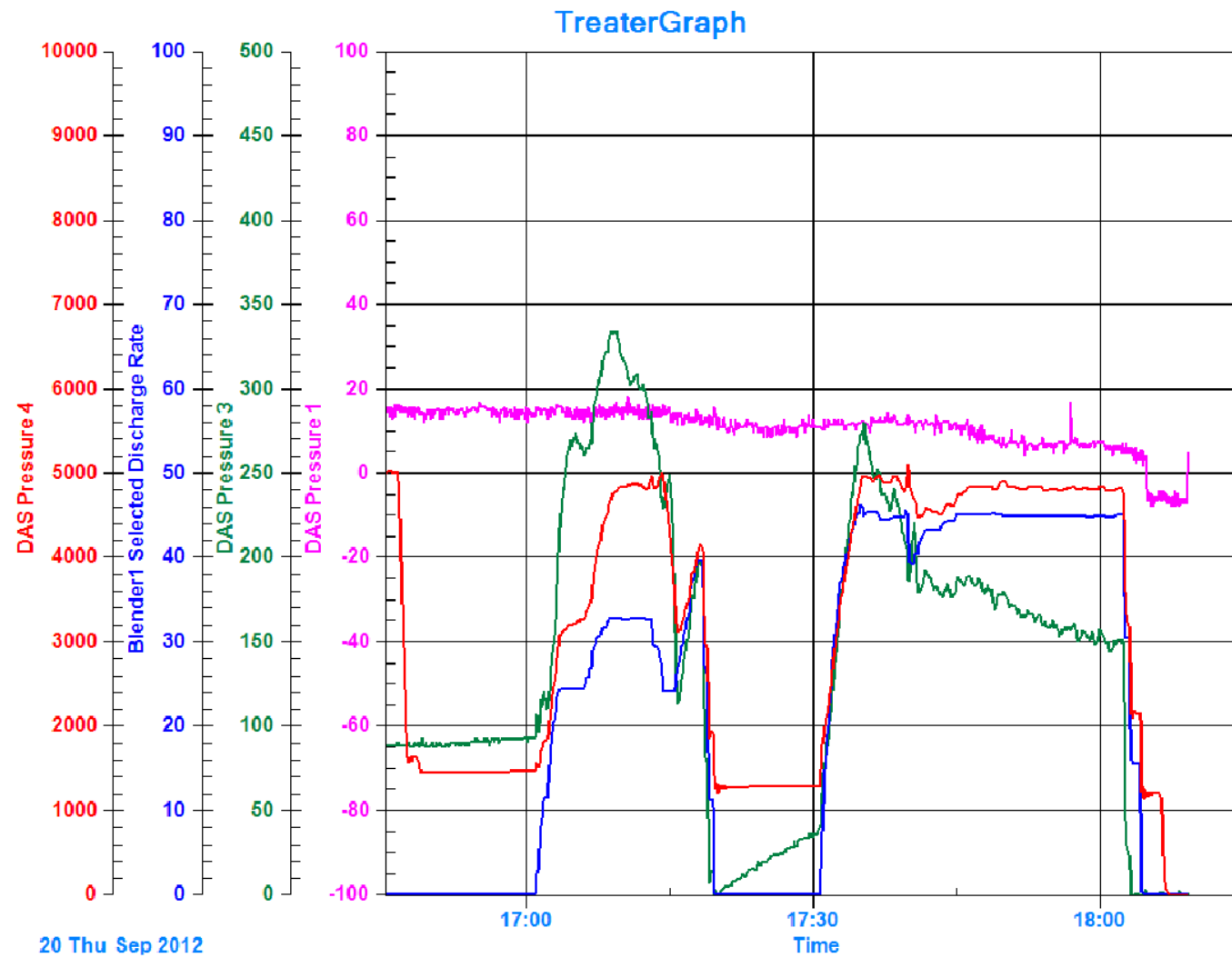


Stage 2: 09/20/2012

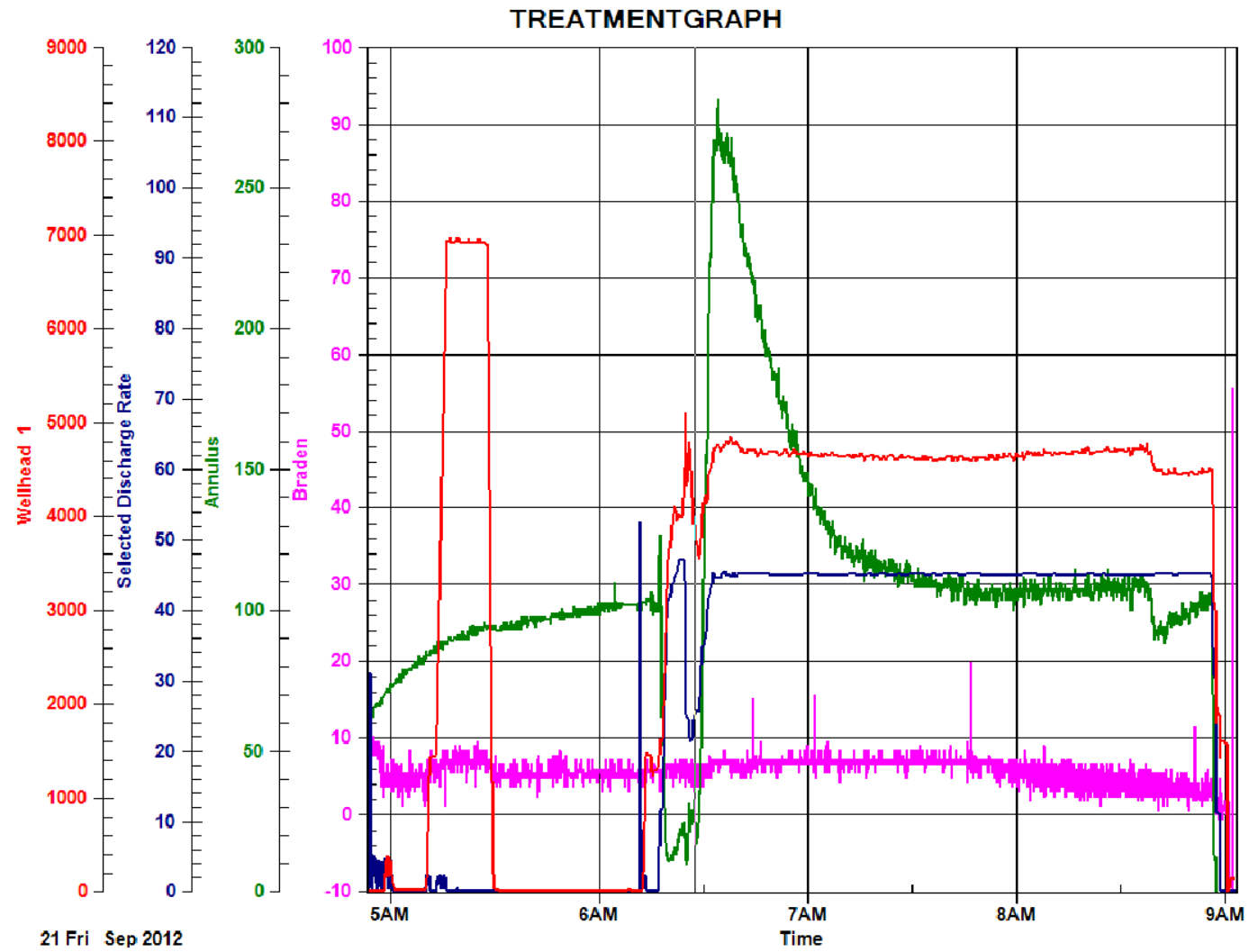


Stage 3: 09/21/2012

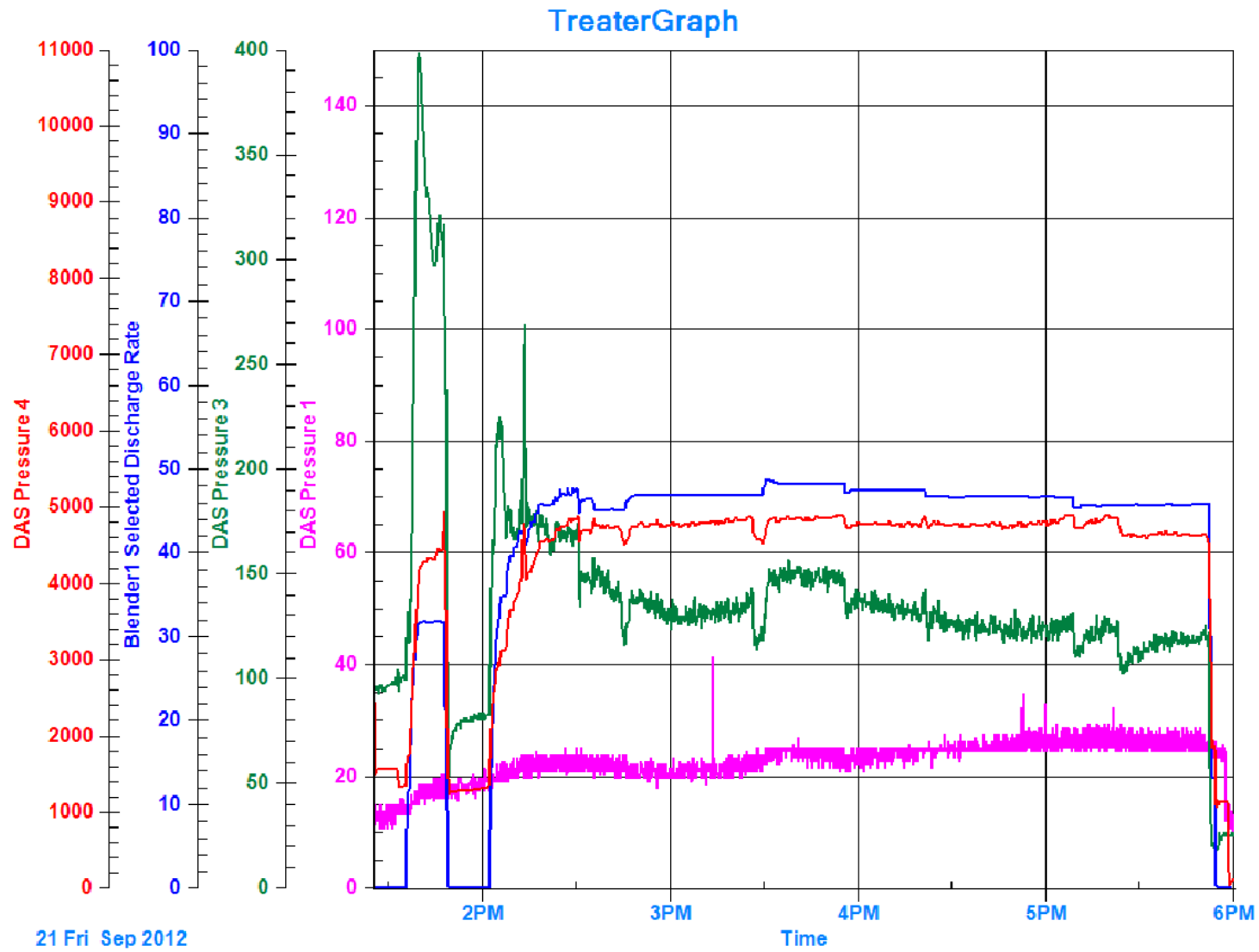
- Stage 3(a):



- Stage 3(b):

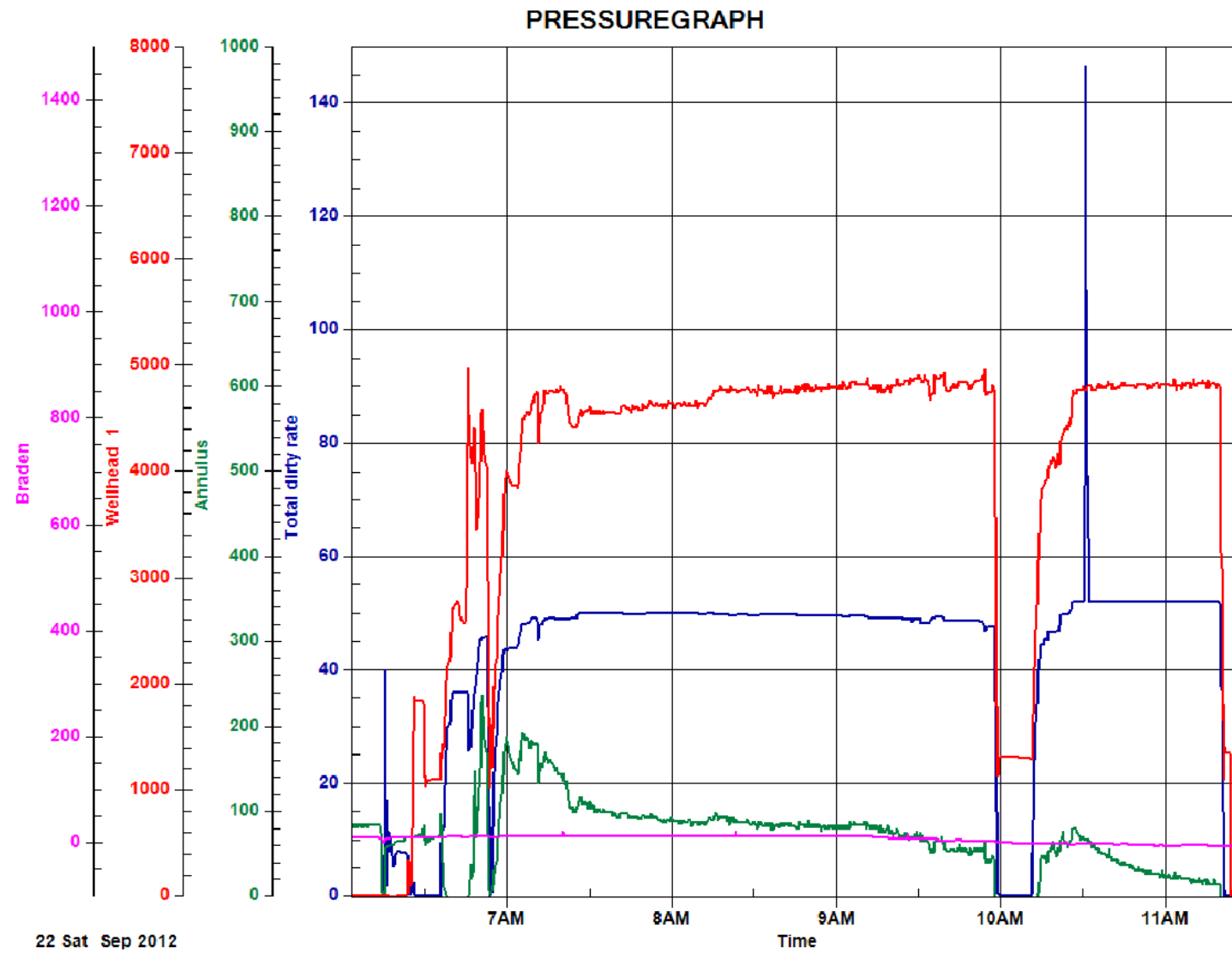


Stage 4: 09/21/2012



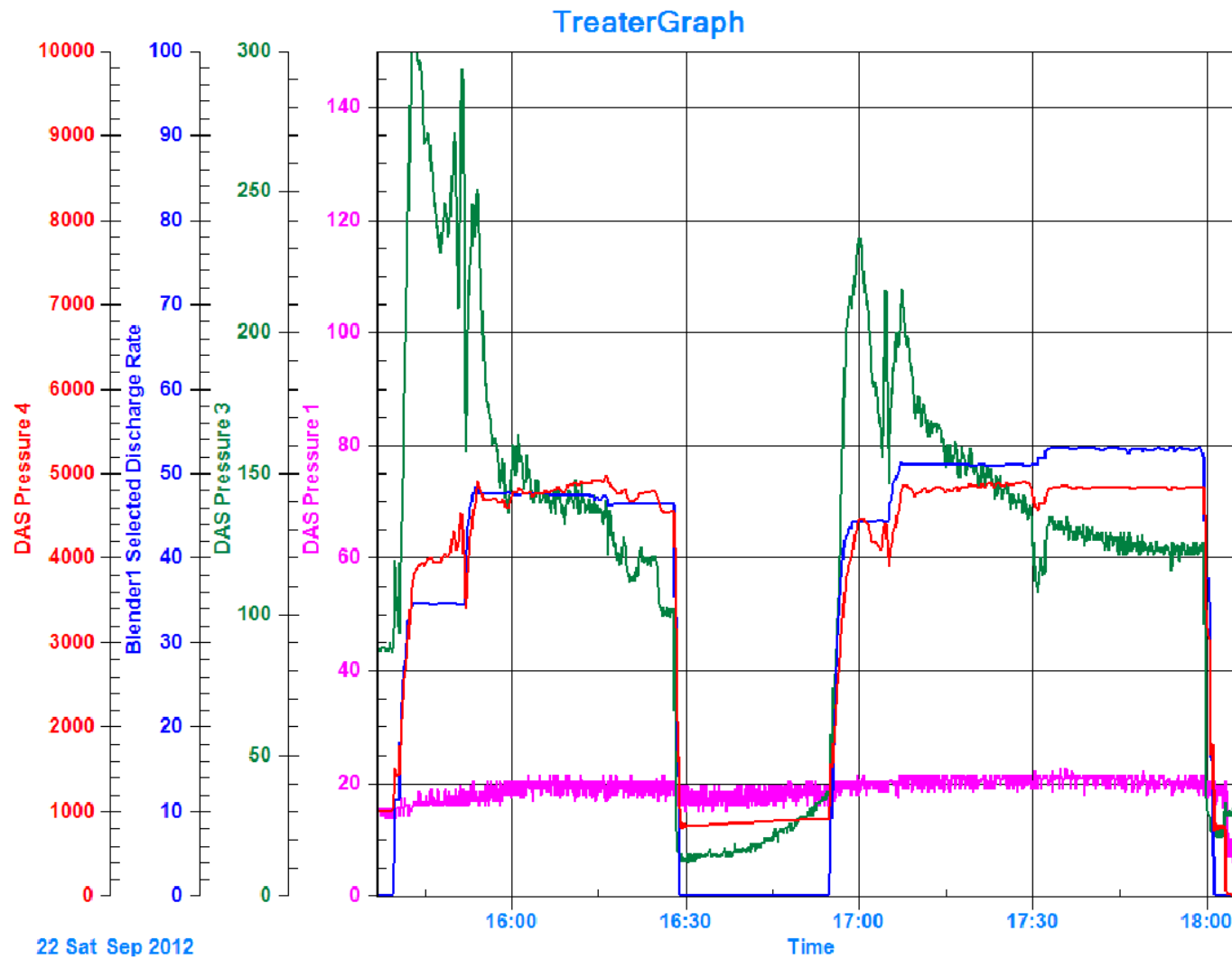


Stage 5: 09/22/2012

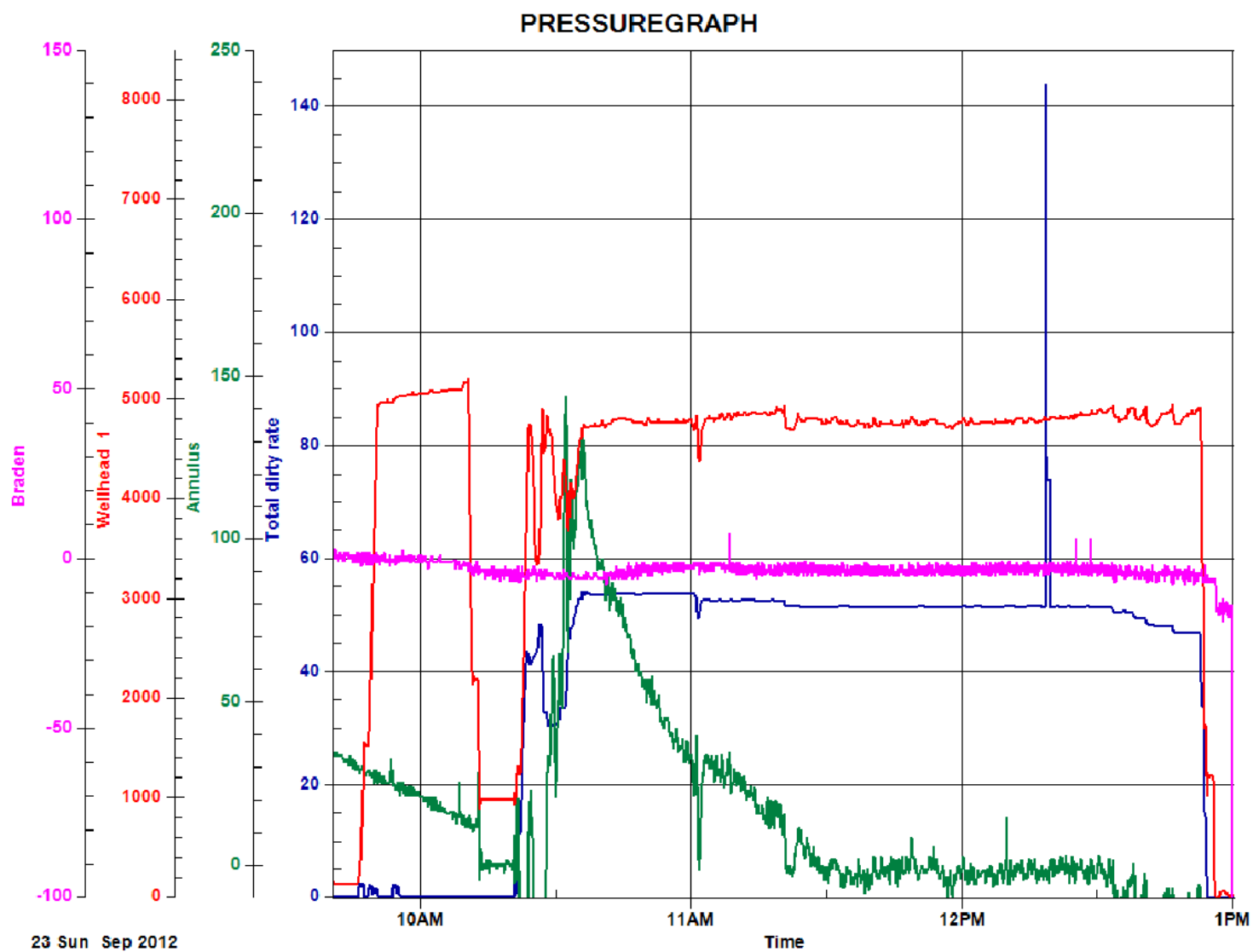


Stage 6: 09/23/2012

- Stage 6(a):

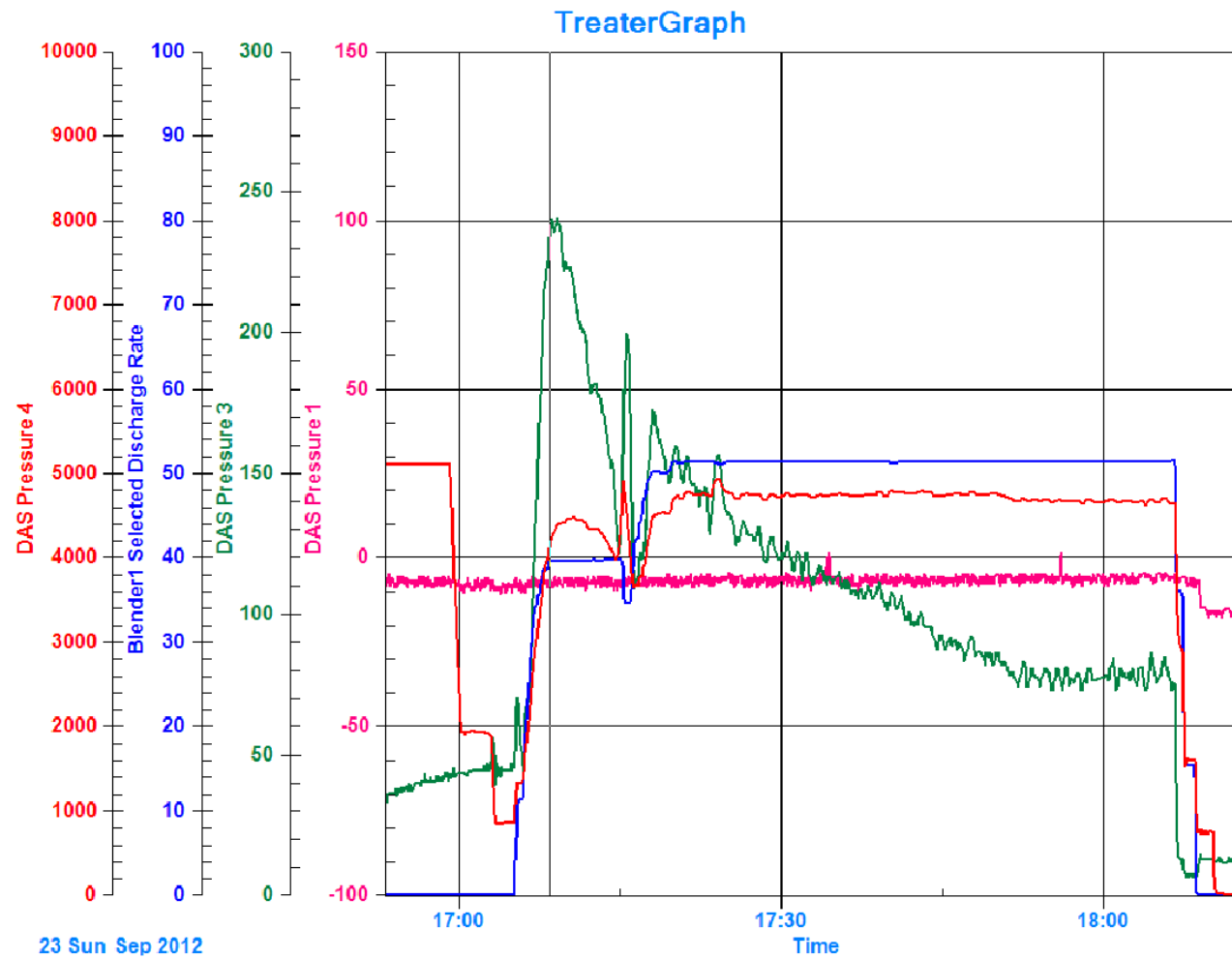


- Stage 6(b):



Stage 7: 09/24/2012

- Stage 7(a):



- Stage 7(b):

