

**Petroglyph Operating Company, Inc.
Monthly Report – March 2008**

Petroglyph Operating Company, Inc. (Petroglyph) is submitting this monthly report for the activities that have occurred at their Little Creek Field in the Raton Basin from the date of the February Monthly Report (February 14, 2008) through March 14, 2008. Along with this monthly report, Petroglyph is submitted an electronic copy of all data in the form of Microsoft Excel spreadsheets from which the attached summaries and graphs were created.

1.0 Investigation

Aquifer Characterization: The monitoring well was drilled and completed on February 14, 2008. Final testing was completed on February 26, 2008. Petroglyph has provided a summary of the testing results in the weekly report submitted on February 28, 2008. That summary is attached to this report as Attachment 1. In general, the drilling was completed to a total depth of 1080 feet and identified four permeable zones in the Poison Canyon aquifer. The monitoring well was screened to allow testing and water sampling of those four intervals. Intervals that were screened included 527 to 542 feet, 687 to 788 feet, 896 to 976 feet, and 1009.9 to 1048.9 feet. Testing included collection of a water sample, evaluation for gas flow, and drawdown and recovery. The only interval with consistent, measurable gas flow was the uppermost interval. This interval showed gas venting at 27 mcf/day. Details on pumping rates and other minor gas detected are contained in Attachment 1.

Petroglyph's consultant Norwest Applied Hydrology is preparing a detailed report of the testing program, testing results, water quality sampling results, and interpretation of the results relative to the proposed remediation program. The final data for this report, the water quality analyses, was received March 12, 2008 and is being evaluated and incorporated into the report. It is currently anticipated that the detailed report will be available by the end of March 2008.

Water Quality Sampling: Petroglyph's consultant, Norwest Applied Hydrology, has conducted sampling for dissolved methane in water wells within a one mile radius of the remediation system. Table 1 shows all water wells that have been identified within a one mile radius and the status of the sampling. The table shows when each well was sampled and if a well could not be sampled explains why the well was not sampled. As you will note from Table 1, 8 samples were collected; 23 wells could not be sampled because there was no pump installed in the well; 2 wells were dry; 1 property owner would not agree to have their well sampled; and 4 wells were not sampled because Petroglyph (and their consultant) are not allowed on the property. Petroglyph is still attempting to contact the landowner to collect samples from 2 sites.

Results from 5 of the 8 samples have been received from the laboratory, TestAmerica. These results are summarized below.

Coleman 4,600 and 5,100 ug/l (two samples taken, the second sample which

	had the reading of 5,100 was taken after the filtering system)
Kerman	170 ug/l
Derowitsch	4,000 ug/l
Hopke	5,900 ug/l
Haughtling	9.2 ug/l

2.0 Monitoring

Gas Pressure Monitoring

Barrett, Bergman, Coleman, and Meyer have continuous pressure monitoring for fluid levels that have been installed by Petroglyph. Information from these wells is downloaded monthly by Petroglyph and included in electronic format with this monthly report. Attachment 2 shows graphically the changes in pressure for each of these wells. As can be seen on the graphs, pressure is generally trending downward in all wells. Water levels are also measured in the Barrett and Meyer wells. As shown in Attachment 2, the water levels in both wells are trending downward as well.

Gas flow monitors have been installed by Petroglyph at the Angely, Bruington, Coleman, and Smith wells. Continuous gas flow monitoring occurs at Coleman and Smith, while gas flow is spot monitored with a gage and orifice tester at Angely and Bruington. Gas pressure at Bounds and Angely wells is currently monitored by COGCC or their consultant, however the data is presented in this report. The data from this monitoring is provided in Attachment 3. While gas flow can be variable, in general gas flow has shown an overall decrease in all wells, except the Bounds well. The Bruington well showed an increase in pressure in the most recent spot measurement, but it is not clear if this is indicative of a trend or just a one time increase.

Fluid Levels in Petroglyph Production Wells

Eleven Petroglyph production wells are monitored for fluid level and casing pressure. An additional four Petroglyph production wells are continuously monitored for fluid level pressures. Changes in fluid levels in Petroglyph's production wells are shown graphically in Attachment 4. As shown in the attachment and as would be expected since Petroglyph is no longer pumping these wells to draw down water levels, water levels are rising in all wells. Note that Petroglyph experienced problems with the most recent download of data from the Rohr 09-05 well and data shown from this well does not include the most recent monitoring period and ends with 2/16/08.

Bi-Weekly and Monthly Water Well Monitoring

Petroglyph monitors or has monitored approximately 76 wells in the vicinity of the site. Table 2 shows all of the wells that have ever been sampled, the sampling start date, the date of the last sample, the number of samples since the last reporting period and a description of the sampling results and any changes from the previous reporting period.

Of these 76 wells, 5 are no longer sampled and 8 were not sampled during this reporting period. Sampling may vary during any one reporting period due to a variety of reasons. During this reporting period 48 wells were sampled on an approximately bi-weekly

schedule and the remaining 15 were sampled once during the month. One new well (Sample) was added during the period and was sampled once (so is included in the monthly total).

As shown on Table 2, the monitoring results for the 63 wells sampled showed that 39 wells had no change from the previous monitoring period measurements. % LEL and % by volume CH₄ were evaluated to determine if the wells were showing an increase or decrease. Four wells showed increases in % LEL and % by volume CH₄, with 2 wells increasing only slightly in those values. Seventeen wells showed a decrease in % LEL and % by volume CH₄, with 10 wells showing only a slight decrease in these values. Two wells showed variable results and one well was a new sampling site with no data yet available.

Note that future monthly reports will include mapping showing any significant well changes, however due to timing for this monthly report, that information could not be developed.

Hand Held Measurements

Petroglyph conducts periodic ground surveys using a hand held methane detector at locations where gas has previously been detected, at locations where a property owner requests such a survey or at locations where previous surveys such as the helicopter survey have detected gas seepage. These surveys are conducted based on need or urgency so can range from several times a week as is occurring currently at the Kent Smith property due to recently occurring seepage or a one time survey based on concerns from a property owner.

Results are included in the electronic database, and summarized in Table 3. During the first half of March the following locations were surveyed with a hand held monitor.

- Smith (multiple surveys)
- Sample (new location)
- Kerman
- Bruington (two surveys)
- White
- Derowitsch (two surveys)
- Houghtling
- Coleman
- Ireland
- Campbell
- Haupt
- Goodwin
- Hopke
- Cordova

Helicopter Survey

Petroglyph will arrange to do a helicopter survey for methane seepage in August 2008. This survey will be conducted using the same helicopter contractor used for the 2007 survey.

3.0 Mitigation

Methane Alarms

There are currently a total of 14 homes with alarm systems provided by Petroglyph. Two new alarms were provided during the reporting period at the home of Mitch Sample. In addition, a letter was mailed to those homeowners with alarm systems on January 31, 2008 asking if these homeowners would like to have the new alarms installed with the outside warning system. Of the 13 letters mailed, 8 homeowners requested the updated alarms which are scheduled to be installed by Petroglyph's contractor.

Seep 643 Mitigation Status

Petroglyph has purchased the property on which Seep 643 is located. Petroglyph plans to use this property as an outcrop equipment staging area. The property was purchased effective March 6th and the previous residents have been given a 30 day window to vacate the premises.

Water Supply

Petroglyph is currently providing water to ten homes. Table 4 provides a list of the homes currently receiving water. Water is delivered as needed and can vary from month to month due to whether or not the residents are occupied and residential water usage.

Public Outreach

Petroglyph's Vice President of Operations, Ken Smith, sent a newsletter to the River Ridge Ranch owners on February 21, 2008 describing the properties of methane and discussing Petroglyph's current and ongoing activities to address methane problems in drinking water wells.

Craig Saldin, Petroglyph's Division Manager attended the River Ridge Ranch Board of Governors meeting on Saturday March 8, 2008 to update those in attendance on Petroglyph's ongoing activities.

Health and Safety/Emergency Planning

Petroglyph is working on a Monitoring and Response Plan that will outline steps to be taken in the event monitoring indicates a change in methane gas levels at any monitored location or methane gas is detected at a new locations. This document will consolidate information previously provided to the COGCC staff and Commission on procedures and monitoring for Petroglyph, homeowners and local emergency response. This document will be provided on or before April 7, 2008.

4.0 Schedule

The following is the currently anticipated schedule for the remainder of March.

- Well drilling for pumping and injection wells will commence the week of March 17th and will take approximately six to eight weeks to complete. Eight injection wells and 4 pumping wells will be drilled.

- Petroglyph's contractor will continue with installation of the updated methane alarm systems for those homeowners who have requested the updated system.
- The Monitoring Well Drilling, Development, and Testing Report will be completed for submittal by the end of March.
- Routine bi-weekly and monthly sampling will continue with new sampling sites added as needed.
- Hand held seep monitoring will continue as needed.

The currently anticipated schedule for the completion of Phase I is outlined below. The schedule is contingent on a number of factors including weather conditions and equipment problems.

Phase I Steps	Estimated Completion Date
1. Drilling and Testing of Monitoring Well	February 28, 2008
2. Submittal of Monitoring Well Report	March 31, 2008
3. Drilling, Development, and Testing of Mitigation Wells	March 19 through May 19, 2008
4. Submittal of Final Mitigation Well Report	May 30, 2008 (depending on data availability)
5. Baseline Outcrop Monitoring	April 30, 2008

**Table 1
Wells Sampled Within an Approximate One Mile Radius of Remediation Ring**

Permit	Permittee	Type of Well	Depth (in Ft)	Location Description	Sample Collected	If No Sample, Reason Why
WWW123144	SEARLE, STANLEY M.	WWDOM	305	Lot 24 RRR (Lively's old house)	YES	
WWW153557	SEARLE, STANLEY	WWLIV	140	Lot 32,85,86 RRR?	NO	No pump installed in well
WWW16861	GOLDEN CYCLE LAND CORP	WWMUN	2221	Lot 62 RRR	NO	No pump installed in well
WWW169043	BURGE, JULIA & KEN	WWDOM	210	Lot 16 LPR	NO	No pump installed in well
WWW18114	BOUNDS, BEN & MELANIE	WWPA		P&A, lot 10 LPR	NO	PEI and its contractors not allowed on property
WWW20783	GOEMMER CATTLE	WWLIV	145	Lot 88 or 89 RRR?	NO	No pump installed in well
WWW215706	WESTMAN BRION (BRICE)	WWDOM	220	Lot 92 RRR?	NO	No pump installed in well
WWW222539	LIVELY MARK (03-03)	WWDOM		Lot 43/45 RRR?	NO	No pump installed in well
WWW233488	MARTINEZ MANUEL & WILMA C	WWDOM	725	Lot 92 RRR ? Rio Cuchara lot 783	NO	No pump installed in well
WWW235292	KERMAN TERRI & BOB HANSON	WWDOM	467	Lot 8 RRR	YES	
WWW235515	ENGLISH BOBBY	WWDOM		Lot 33 RRR	YES	
WWW235516	COLORADO SWITZER LLC	WWLIV	140	Lot 32 RRR	NO	No pump installed in well
WWW236272	HOUGHTLING JACK	WWDOM	620	Lot 52 RRR	YES	
WWW238689	ANGELY JERRY L	WWDOM	706	Lot 67 RRR	NO	PEI and its contractors not allowed on property
WWW239657	SMITH KENT O	WWDOM	614	Lot 49 RRR	NO	No water in well
WWW244403	BERGMAN, DONALD	WWDOM	527	Lot 48 RRR	NO	No pump installed in well
WWW252931	DEROWITSCH DONALD & TAMARA	WWDOM	681	Lot 60 RRR	YES	
WWW253317	GONZALEZ RIGOBERTO	WWDOM	709	Lot 78 RRR	NO	No pump installed in well
WWW255929	HUE CONLEY JAMES	WWDOM	348	Lot 15 RRR	PENDING	Pump turned off, trying to contact landowner to arrange a sample
WWW256504	HOPKE BRUCE	WWDOM	607	Lot 68 RRR	YES	
WWW257113	MASTERS WILLIAM TODD	WWDOM	847	Lot 69 RRR	NO	No pump installed in well
WWW257994	BARRETT TODD SHELLY J TAFF	WWDOM	865	Lot 57 RRR	NO	No pump installed in well
www260097	DEE, KATHY	WWDOM		Lot 79 RRR	NO	No pump installed in well
WWW267694	COLEMAN, VINCE	WWDOM	834	Lot 70 RRR	YES	

**Table 1
Wells Sampled Within an Approximate One Mile Radius of Remediation Ring**

Permit	Permittee	Type of Well	Depth (in Ft)	Location Description	Sample Collected	If No Sample, Reason Why
WWW271136	MAY, DONALD	WWDOM		Lot 91 RRR	NO	No pump installed in well
WWW84106	ROHR FERDINAND B (WILLIAM A ROHR)	WWLIV	2600	NE 9 29S 67W	NO	No pump installed in well
WWW84107	MCPHERSON PEPPER CHARLES & SUSAN E	WWLIV	143	all supposedly in SW part of 9 29S 67W	NO	No pump installed in well
WWW84108_A	MCPHERSON PEPPER CHARLES & SUSAN E	WWLIV	210		PENDING	Pump turned off, trying to contact landowner to arrange a sample
WWW84109	MCPHERSON SUSAN ELIZABETH & PEPPER	WWLIV	80		NO	No pump installed in well
WWW84110	MCPHERSON PEPPER CHARLES & SUSAN E	WWLIV	130		NO	No pump installed in well
WWW84113	ROHR FERDINAND B (WILLIAM A ROHR)	WWLIV	100	NW 9 29S 67W	NO	No pump installed in well
WWW93379	LOWRY AUDREY LEE	WWLIV	40	Lot 152 RRR?	NO	No pump installed in well
WWW93386		WWLIV	40	Lot 152 RRR?	NO	No pump installed in well
Wells Outside One Mile Radius, But Close						
WWW176365	DOTSON BARRY	WWDA	410	NE corner 5 29S 67W	NO	No pump installed in well
WWW181278	BOUNDS BEN	WWDOM	323	Lot 1/2 LPR	NO	PEI and its contractors not allowed on property
WWW18611	LOWRY LON D	WWLIV	40	NE 17 29S 67W	NO	No pump installed in well
WWW193521	PING GARY L	WWDOM	376	Lot 8 LPR	NO	PEI and its contractors not allowed on property
WWW215514	H L & CO E C HAYNES	WWDOM	245	C section 5 29S 67W	NO	Property owner would not allow a sample
WWW240947	WOLAHAN	WWDOM		Lot 81 RRR	YES	
WWW264581	IRELAN, JOHN & KEVIN MURPHY	WWDOM	287	Lot 151 RRR	No	No water in well

**Table 2
Water Well Measurements**

Permit Number	Name	Sampling Start Date	Last Sample	Samples Since Last Monthly Report	If sampled, description of results
20783	Goemmer Cattle	9/24/07	1/28/08	None	Not Sampled During Report Period
230572	Willis	7/11/07	3/14/08	3/1/08 and 3/1/4/08	No change from previous measurements
84106	Rohr	7/06/07	3/10/08	2/25/08 and 3/10/08	No change from previous measurements
93386	Lowry	7/12/07	1/28/08	None	Not Sampled During Report Period
203536	Hurley	8/2/07	3/14/08	3/1/08 and 3/14/08	<ul style="list-style-type: none"> • H2S increased from 18.5 in last reporting period to 55.5 ppm • O2 % volume slight (but insignificant) decreased from 16.6 in last reporting period to 14.4 • CH4 % volume variable with no trends identified with results of 16 and 42 during the reporting period. • CO was measured at 0 ppm
121013	Schafer	8/15/07	3/1/08	3/1/08	No change from previous measurements
123144	Searle	7/11/07	3/14/08	2/26/08 and 3/14/08	No change from previous measurements
145915	Carsella	7/11/07	3/14/08	3/1/08 and 3/14/08	No change from previous measurements
169043	Burge	7/11/07	3/14/08	3/1/08 and 3/14/08	<ul style="list-style-type: none"> • CO and H2S measured at 0 ppm • % LEL increased from 5 in last reporting period to 17 • CH4 % volume increased slightly (but insignificantly) from 0.25 to 0.30 with no measurement 3/14/08 • O2% volume decreased from 20 to 14.5
181278	Bounds	7/12/07	3/12/08	2/2/7/08, 3/5/08, and 3/12/08	No change from previous measurements except that H2S has moved around slightly from 7 ppm down to 4, back up to 7.5 and then down to 6.5 ppm.

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Permit Number	Name	Sampling Start Date	Last Sample	Samples Since Last Monthly Report	If sampled, description of results
191079	Brian Dale (?)	8/15/07	3/1/08	3/1/08	<ul style="list-style-type: none"> • % LEL has changed from 57 to >100 • CH4 % volume has decreased from 29 to 5 • O2% volume has increased from 4.2 to 13.6 • H2S and CO both remain at 0
192144	Snow	8/2/07	3/1/08	3/1/08	<ul style="list-style-type: none"> • % LEL has changed from >100 to 5 • CH4 % volume has decreased from 5 to 0 • O2% volume has increased from 9.4 to 17.2 • H2S and CO both remain at 0
192203	Rankin	7/12/07	1/28/08	None	Not Sampled During Reporting Period
193520X	McEntee	8/2/07	3/10/08	3/1/08 and 3/10/08	No changes from previous measurements
193521	Ping	7/11/07	10/19/07	None	No longer sampled
196371	Lyon	8/15/07	3/1/08	3/1/08	<ul style="list-style-type: none"> • % LEL has changed from 33 to 5 • CH4 % volume has decreased from 1.7 to 0.25 • O2% volume has increased from 1.7 to 11.8 • H2S and CO remain unchanged at 0
197472	Williams/Bartlett	8/15/07	8/15/07	None	No longer sampled
205195	Johnson	8/15/07	3/10/08	3/1/08 and 3/10/08	<ul style="list-style-type: none"> • % LEL has changed from 6 to 0 • CH4 % volume has decreased from 0.3 to 0.0 • O2% volume has decreased from 20.6 to 20.2 • H2S and Co remain unchanged at 0

**Table 2
Water Well Measurements**

Permit Number	Name	Sampling Start Date	Last Sample	Samples Since Last Monthly Report	If sampled, description of results
210526	Bruington	8/7/07	2/29/08	2/29/08	<ul style="list-style-type: none"> • % LEL has changed from >100 to 100 • CH4 % volume has decreased from 100 to 98 • O2% volume has increased from 0.0 to 1.2 • H2S remains unchanged at 5.5 ppm • CO not reported during the period
215322	Petroglyph	7/6/07	9/24/07	None	Not Sampling During Reporting Period
216732	Petroglyph	7/11/07	9/24/07	None	Not Sampled During Reporting Period
	Petroglyph	2/13/08	2/13/08	None	Not Sampled During Reporting Period
215706	Brice	7/12/07	3/14/08	3/1/08 and 3/14/08	No change from previous measurements
219376	White	8/2/07	3/1/08	3/1/08	<ul style="list-style-type: none"> • % LEL has changed from 7 to 5 • CH4 % volume has decreased from 0.35 to 0.25 • O2% volume has decreased from 17 to 6.1 • H2S and CO remain at 0
221465	Evenden	8/2/07	3/1/08	3/1/08	<ul style="list-style-type: none"> • % LEL has changed from 20 to 0 • CH4 % volume has decreased from 1 to 0 • O2% volume has decreased from 19.4 to 14.5 • H2S and CO remain at 0
222294	Cramer	8/3/07	3/1/08	3/1/08	<ul style="list-style-type: none"> • % LEL has changed from 34 to 0 • CH4 % volume has decreased from 2 to 0 • O2% volume has increased from 17 to 20.9 • H2S and CO remain at 0
222539	Lively	7/6/07	3/12/08	2/26/08 and 3/12/08	No change from previous measurements
235292	Kerman/Hanson	7/6/07	3/12/08	2/26/08 and	<ul style="list-style-type: none"> • % LEL has changed from 0 to 6

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Permit Number	Name	Sampling Start Date	Last Sample	Samples Since Last Monthly Report	If sampled, description of results
				3/12/08	<ul style="list-style-type: none"> • CH4 % volume has increased from 0 to 0.5 • O2% volume has decreased from 20.9 to 19.4 • H2S and CO remain at 0
235516	Colorado Switzer	7/12/07	3/14/08	2/26/08 and 3/14/08	No change from previous measurements
236272	Houghtling	7/6/07	3/14/08	2/25/08 and 3/14/08	<ul style="list-style-type: none"> • % LEL remains unchanged at >100 • CH4 % volume has decreased from 98 to 30 • O2% volume has increased from 0.2 to 14.8 • H2S has decreased from 1.0 to 0 ppm • CO remains at 0
238209	Salazar	8/15/07	3/1/08	3/1/08	No change from previous measurements
238689	Angely	7/5/07	3/12/08	2/25/08, 3/5/08 and 3/12/08	The only change is a decrease in O2 % volume from 2.3 to 0.
239657	Smith	7/5/07	3/12/08	3/1/08 and 3/12/08	<ul style="list-style-type: none"> • % LEL has changed from 100 to 10 • CH4 % volume has decreased from 5 to 0.5 • O2% volume remains the same at 20.9 • H2S has decreased from 0.5 to 0 ppm • CO remains at 0
240947	Wolahan	7/12/07	3/10/08	2/25/08 and 3/10/08	No change from previous measurements

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Permit Number	Name	Sampling Start Date	Last Sample	Samples Since Last Monthly Report	If sampled, description of results
244403	Bergman	7/6/07	3/12/08	2/26/08 and 3/12/08	<ul style="list-style-type: none"> • % LEL remains unchanged at >100 • CH4 % volume has increased from 48 to 54 • O2% volume has decreased from 14 to 7.9 • H2S has decreased from 15 to 0 ppm • CO remains at 0
246775	Sharp	9/9/07	3/14/08	3/1/08 and 3/14/08	No change from previous measurements
248680	Campbell	8/14/07	1/2/08	None	Not Sampled During Reporting Period
248862	Meyer	8/14/07	3/14/08	3/1/08 and 3/14/08	<ul style="list-style-type: none"> • % LEL has changed from 100 to >100 • CH4 % volume has increased from 5 to 83 • O2% volume has decreased from 20.8 to 1.7 • H2S has decreased from 2 to 0 ppm • CO remains at 0
248983	Tobias	8/3/07	3/14/08	3/1/08 and 3/14/08	<ul style="list-style-type: none"> • % LEL has changed from 76 to >100 • CH4 % volume has increased from 3.8 to 10 • O2% volume has decreased from 20.9 to 18.8 • H2S and CO remain at 0
249181	Hentschel	9/9/07	3/14/08	3/1/08 and 3/14/08	No change from previous measurements
249362	Andexler	9/9/07	9/9/07	None	No longer sampled (at landowner request)
250369	Martin	7/12/07	3/10/08	2/25/08 AND 3/10/08	No change from previous measurements
252931	Derowitsch	7/6/07	3/14/08	3/1/08 and 3/14/08	No change from previous measurements at wellhead. Minor changes at well vent and cistern.
253317	Gonzalez	7/12/07	3/10/08	3/10/08	No change from previous measurements
254577	Ryerson	9/9/07	3/14/08	3/1/08 and 3/14/08	No change from previous measurements
255929	Conley	7/11/07	3/14/08	2/26/08 and	No change from previous measurements

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Permit Number	Name	Sampling Start Date	Last Sample	Samples Since Last Monthly Report	If sampled, description of results
				3/14/08	
256504	Hopke	7/5/07	3/14/08	2/25/08 and 3/14/08	<ul style="list-style-type: none"> • No change in % LEL • CH4 % volume has decreased from 67 to 61 • O2% volume has decreased from 12.8 to 7.8 • H2S has decreased from 2.5 to 1.5 ppm • CO remains at 0
257113	Masters	7/6/07	3/14/08	2/25/08 and 3/14/08	No change from previous measurements
257994	Barrett	7/12/07	3/1/08	3/1/08	<ul style="list-style-type: none"> • No change in % LEL • CH4 % volume has decreased from 70 to 11 • O2% volume has increased from 8.2 to 16.3 • H2S and CO have both decreased from 0.2 to 0
259122	Higgins	9/26/07	3/14/08	3/1/08 and 3/14/08	No change from previous measurements
260097	Dee	7/5/07	3/10/08	2/25/08 and 3/10/08	No change from previous measurements
264581	Ireland	7/12/07	3/14/08	3/1/08 and 3/14/08	No change from previous measurements
267694	Coleman	7/5/07	3/14/08	2/25/08, 3/1/08 and 3/14/08	No changes from previous measurements for wellhead. % LEL changed at well vent from 25 to 20 with a 0 reading also during the period.
267695	Speh	9/4/07	3/12/08	2/26/08 and 3/12/08	No change from previous measurements
269435	Goacher	7/11/07	3/14/08	2/26/08 and 3/14/08	No changes from previous measurements
270552	Chaves	9/9/07	3/14/08	3/1/08 and 3/14/08	No changes from previous measurements
271136	May	7/12/07	3/14/08	3/1/08 and 3/14/08	No changes from previous measurements
274468	Roloff	9/9/07	3/14/08	3/1/08 and 3/14/08	No changes from previous measurements

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Permit Number	Name	Sampling Start Date	Last Sample	Samples Since Last Monthly Report	If sampled, description of results
235515	English	8/16/07	3/14/08	3/14/08	No changes from previous measurements
258815	Goodwin	7/12/07	3/14/08	3/1/08 and 3/14/08	No changes from previous measurements
16861-F	Golden Cycle Land	7/12/07	3/14/08	3/1/08 and 3/14/08	No changes from previous measurements
84108-A	Mc Pherson	7/6/07	3/10/08	2/25/08 and 3/10/08	No changes from previous measurements
270552 ¹	Unknown	8/1/07	1/15/08	None	No Sample Taken this Reporting Period
16861-F ¹	Unknown	8/13/07	3/14/08	2/26/08 and 3/14/08	No changes from previous measurements
	Andreatta	8/14/07	3/14/08	3/1/08 and 3/14/08	No changes from previous measurements
	Anselmo	8/14/07	8/14/07	None	No Longer sampled
	Durnell	8/15/07	3/1/08	3/1/08	No change from previous measurements
	Unknown	8/15/07	8/15/07	None	No longer sampled
	Lang	10/29/07	3/12/08	2/26/08 and 3/12/08	No change from previous measurements
220100	Cordova	10/30/07	3/14/08	3/1/08 and 3/14/08	<ul style="list-style-type: none"> • % LEL changed from >100 to 19 • CH4 % volume has decreased from 8 to 0.25 with no measurement in the last sample • O2% volume has increased from 18.8 to 20.1 • H2S and CO both remain at 0
234836	White, Jim	1/4/08	3/10/08	3/1/08 and 3/10/08	<ul style="list-style-type: none"> • % LEL remains unchanged at >100 • CH4 % volume remains unchanged at 5 • O2% volume has increased from 0 to 8.1 • H2S has decreased from 3 to 1.5 ppm • CO remains at 0

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Water Well Measurements**

Permit Number	Name	Sampling Start Date	Last Sample	Samples Since Last Monthly Report	If sampled, description of results
192509	Eddleman, Paul	1/17/08	3/10/08	3/1/08 and 3/10/08	<ul style="list-style-type: none"> • % LEL has changed from >100 to 10 • CH4 % volume has decreased from 13 to 0.5 • O2% volume has increased from 0.8 to 19 • H2S has decreased from 1.5 to 0 ppm • CO remains at 0
226536	Eddleman, Todd	1/17/08	3/10/08	3/1/08 and 3/10/08	<ul style="list-style-type: none"> • % LEL has changed from >100 to 0 • CH4 % volume has decreased from 5 to 0.0 • O2% volume has increased from 6 to 20.5 • H2S has increased from 0 to 0.5 ppm • CO remains at 0
31935	Garza-Vela	1/30/08	3/1/08	3/1/08	<ul style="list-style-type: none"> • % LEL has gone from 0 to >100 • CH4 % volume has increased from 0 to 5 • O2% volume has decreased from 8.8 to 3.1 • H2S has increased from 0 to 1 ppm • CO has remained at 0
271524-A	Modlish	1/30/08	3/10/08	3/1/08 and 3/10/08	<ul style="list-style-type: none"> • %LEL increased from 0 in last reporting period to 5 • CH4 % volume increased from 0 in last reporting period to 0.25 • O2 % volume decreased from 20.9 to 12.4 • CO and H2S were both 0 for samples during reporting period
271748	Sample	3/10/08	3/10/08	New Sampling Site	New Sampling Site

¹ Unknown wells to be verified to determine exact permit number and well owner.

**Table 3
Hand Held Gas Meter Results**

Name	Date	Time	Weather Conditions	RMLD Readings				Notes
				N	E	W	S	
Kent Smith	3/6/08	9:00	No Wind Sunny	Outside House 100 - 200	Outside House 60 - 80	Outside House 800 - 2000	Outside House 60 - 200	Porch 800 - 1200. 30' West of house 9000. North on driveway 800 - 1200. Reading - Garry Laursen & Brion Stephen. Garage 60 - 90. 75' North of house 200. In house Living Rm 300. Kitchen 370. Crawlspace North 180 - 220. East 130 - 180. West 300 - 330. South 360 - 400.
	3/7/08	14:00	20-30 Wind 3" snow on ground	50 - 70	100 - 300	20 - 40	200 - 1000	Driveway 50 - 60, Garage 300 - 700, Cistern 335, Well 600 - 1000, did not check inside house. Reading - Garry Laursen & Brion Stephen
	3/10/08	8:30	15 Wind Clear	20 - 40	30 - 44	24 - 38	30 - 52	At fence 60 - 170. Check well vent drained H2O. Reading - Brion Stephen
	3/12/08		15-20 Wind	30 - 50	150 - 380	30 - 58	210 - 850	South side of house at dog kennel corner did get around 1300 with RMLD. Reading - Brion Stephen
	3/14/08	10:00	5-10 Wind SE 40°	40 - 54	28 - 38	28 - 44	24 - 36	RMLD crawl space vents - 28 - 40. Reading - Brion Stephen
Mitch Sample	3/10/08	10:40	Clear 5 wind, 40°					<p>Kitchen sink faucet running, RMLD 1300-2000. CGI no readings. Inverted a 6" bowl above the running faucet to get the following.</p> <ul style="list-style-type: none"> • LEL Concentration 2 - 5% • Vol Methane 0 • Oxygen 20.7% • Hydrogen Sulfide (PPM) 3 - 5 PPM • Carbon Monoxide (PPM) 13 - 16 PPM <p>At well not pumping:</p> <ul style="list-style-type: none"> • LEL Concentration 0 • Vol Methane 0 • Oxygen 20.9% • Hydrogen Sulfide (PPM) 0 • Carbon Monoxide (PPM) 0 <p>RMLD Reading Background outside 20 - 46 Basement 30 - 90 Upstairs (L.R.) 150 - 200 Later in afternoon 3/10/08 Delivered 2 "Gas Aware" home methane monitors. Mike Barrett took water samples. Reading - Brion Stephen</p>
Terri Kerman	3/7/08		10-15 Wind 2" snow on ground	Outside of house 26 - 40	Outside of house 20 - 40	Outside of house 26 - 35	Outside of house 26 - 40	Inside house great rm ceiling 25. Reading - Garry Laursen & Brion Stephen Crawlspace East 12 - 34 Crawlspace South 12 - 34 Crawlspace West 15 - 40
Brunington	3/5/08	16:30	0 Wind Snowing	Outside House 18 - 28	Outside House 15 - 20	Outside House 18 - 28	Outside House 18 - 20	Background 20. Well Vent 10,000. 100' North of house 50 - 75. Reading - Garry Laursen & Brion Stephen
Brunington	3/7/08	10:00	< 3 Wind Clear	House 40 - 60	House 30 - 40	House 30 - 50	House 50 - 60	South driveway 66 - 100, Near propane tank 50 - 80, background 30 - 50. Reading - Garry Laursen & Brion Stephen LEL Concentration > 100% - Vol Methane 100%, Oxygen 0 - Hydrogen Sulfide (PPM) 6.5 - Carbon Monoxide (PPM) 0
Jim White	3/8/08	10:20	0-5 Wind Cloudy	Outside House 24 - 30	Outside House 20 - 50	Outside House 24 - 30	Outside House 20 - 40	Well 20 - 40. Inside house Living Rm 14 - 18, Bed Rm 24 & Basement 18 - 30. Reading Garry Laursen & Brion Stephen.

**Table 3
Hand Held Gas Meter Results**

Name	Date	Time	Weather Conditions	RMLD Readings				Notes
				N	E	W	S	
Donald Derowitsch	3/5/08	10:30	10-15 Wind Snowing 5" Snow	Outside House 20 - 25	Outside House 18 - 20	Outside House 15 - 20	Outside House 14 - 26	Background 20 - 40. Cistern vent 18 - 32. Reading Garry Larsen & Brion Stephen.
Donald Derowitsch	3/8/08	11:30	Calm 2" Snow on ground	Outside House 28 - 30	Outside House 12 - 33	Outside House 15 - 30	Outside House 14 - 25	Background 10 - 40. Kitchen 24 - 26, Living Rm 25, Basement 24 - 30, Garage 32. Reading Garry Laursen & Brion Stephen.
Jack Houghtling	3/5/08	9:00	10-15 Wind Snowing 4" Snow	Outside House 25	Outside House 20	Outside House 20	Outside House 20	Background 18 - 25. Foundation vents 20. Reading - Garry Laursen & Brion Stephen
John Ireland / Kevin Murphy	3/5/08	13:45	5 Wind Snowing 5" Snow	Outside House 12 - 15	Outside House 15 - 20	Outside House 16 - 20	Outside House 20 - 25	Background 15 - 20. Reading Garry Laursen & Brion Stephen.
Janet Campbell	3/5/08	15:00	0-5 Wind Snowing	Outside House 22 - 30	Outside House 18 - 20	Outside House 22	Outside House 25 - 30	Background 24. Septic Tank Vent 40 - 50. Reading - Garry Laursen & Brion Stephen. Inside house Living Rm 20, Basement 21. Methane Monitors working.
Vince Coleman	3/5/08	11:15	15 Wind Snowing 5" Snow	Outside House 18 - 28	Outside House 25 - 28	Outside House 16 - 18	Outside House 15 - 20	Background 15 - 25 Reading Garry Laursen & Brion Stephen
Calvin Haupt	3/5/08	16:00	No Wind Snowing 5" on ground	Outside House 40 - 50	Outside House 40 - 50	Outside House 80 - 100	Outside House 20 - 30	Background 30 - 40. Foundation Vents 20. 100' South of house 500. Reading - Garry Laursen & Brion Stephen. Ridge South of house 600. North of house 480. Crawlspace East end 100 - 200. Remainder 40 - 60.
Richard Goodwin	3/6/08	12:00	No Wind Clear Snow on ground	Outside House 25 - 40	Outside House 28 - 40	Outside House 25 - 50	Outside House 25 - 50	Background 20 -40. Methane detectors working ok. Reading - Garry Laursen & Brion Stephen Inside House Basement 20 -30. Mechanical Rm 18. Living Rm 15 - 20. Garage 20 - 25.
Bruce Hopke	3/6/08	14:00	No Wind Clear Snow on ground	Outside House 20 - 30	Outside House Back 18 - 20	Outside House Front 18 - 30	Outside House Garage 18 - 20	Background 10 - 20. Vents crawlspace 20 - 30. Reading - Garry Laursen & Brion Stephen. Cistern Vent 18 - 20. Well Vent 600. 75' West of house 50 - 100.

**Table 3
Hand Held Gas Meter Results**

Name	Date	Time	Weather Conditions	RMLD Readings				Notes
				N	E	W	S	
Bill Cordova	3/6/08	15:40	5-10 Wind Clear 4" Snow on ground	Outside House 14 - 18	Outside House 14 - 20	Outside House 20 - 40	Outside House 15 - 20	Background 14 - 20. Pressure Tank 30. Reading - Garry Laursen & Brion Stephen 100 ' North of House 50 South of Shop 50-60

Table 4
Residences Receiving Water

Jerry Angely	Has received water provided by PEI in the past but his well is currently working now
Kent Smith	Has received water provided by PEI
Alan Cramer	Has received water provided by PEI
Tom Gonzales	Has received water provided by PEI
Spencer/Carol Snow	Has received water provided by PEI
Bruington	Has received water provided by PEI
Todd Eddelman	Has received water provided by PEI
Paul Eddleman	Has received water provided by PEI
Jim White	Has received water provided by PEI
Edward Lyon	New to list as of 3/12/08
Donald Sharp	New to list as of 3/14/08

Attachment 1
Summary of Monitoring Well Testing
(as Provided in February 28th Weekly Report)

Monitor Well Testing Status as of 2/28/08

Testing has been completed on the monitoring well. The following is a summary of the testing procedures. A final report will be issued once data has been analyzed and water quality testing results received.

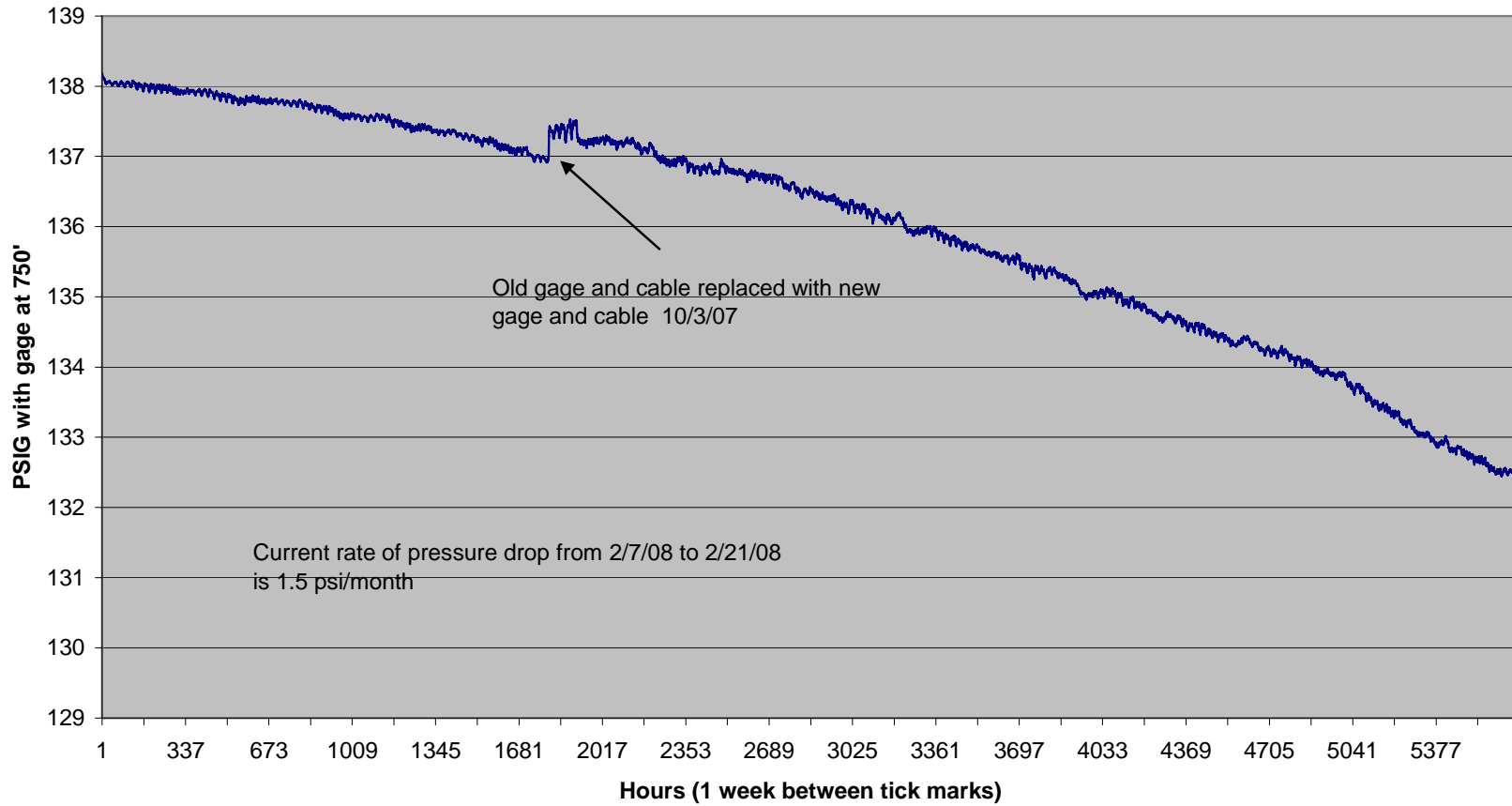
- 1st Test - Screened interval 1009.9' - 1048.9'. The upper packer was placed at 992.0' with transducers monitoring above and below the packer. The screened water bearing interval would only produce a minimal amount of water. The zone was rate tested and then pumped at approximately 5.5 gpm for approximately 4.5 hours. Pressure in pumped zone dropped from initial 232 psi to 17 psi. No methane gas was detected and the test did not impact pressure in upper transducer indicating no hydraulic connection with water bearing zones above. A water quality sample was collected for water quality analysis, including major ions, the EPA list of parameters and dissolved methane, ethane, and ethene.
- 2nd Test - Screened interval 896' - 976'. The upper packer was placed at 849.4' and the lower packer at 994.7' with transducers monitoring above the upper packer, in between the upper and lower packer, and below the lower packer. The zone was rate tested and then pumped at pumps full capacity at approximately 13.5 gpm for 10 hours. The pump was then shut down due to problems. The well was allowed to recover and the test restarted test at approximately 14.6 gpm for 12 hours. Gas flow of approximately 2-3 mcf/day was recorded on Barton gas flow chart for the first several minutes of pumping followed by levels below detection on the Barton recorder using either a 1/4" orifice or 1/8" orifice. However, a minor contribution of gases was recorded with a handheld RKI gas meter at the gas/water separator vent during the entire test: CH₄ was recorded between 0 -22% vol, CO between 0 - 45 ppm, and H₂S between 0 - 12 ppm. Values were variable with no obvious trend. A water quality sample was collected for water quality analysis, including major ions, the EPA list of parameters and dissolved methane, ethane, and ethene.
- 3rd Test - Screened interval 687' - 788'. The upper packer was placed at 662.38' and the lower packer at 807.65' with transducers monitoring above the upper packer, in between the upper and lower packer, and below the lower packer. The zone was rate tested and then pumped at approximately 17.5 gpm for 3 hours and 10 minutes at which point the well was recovering during pumping at full capacity and test was stopped. No gas was recorded on Barton or on RKI handheld gas meter. A water quality sample was collected for water quality analysis, including major ions, the EPA list of parameters and dissolved methane, ethane, and ethene.
- 4th Test - Screened interval 527' - 542'. The upper packer was placed at 519.2' and the lower packer at 651.5' with transducers monitoring above the upper packer, in between the upper and lower packer, and below the lower packer. Initially both the upper packer and lower packers were inflated and a pressure increase was noted due to gas after upper packer inflation. Only 7 psi of pressure was available above the transducers and the zone could not be pumped. Additionally, when using the pump was attempted and the pump appeared to be gas locked. A pack off was created at the wellhead with a separate diverter for gas and water allowing for the upper packer to be deflated and to monitor gas flow. Approximately 27 mcf/day was emanating out of the upper zone.

Monitoring for Dissolved Methane in Wells Within a One Mile Radius

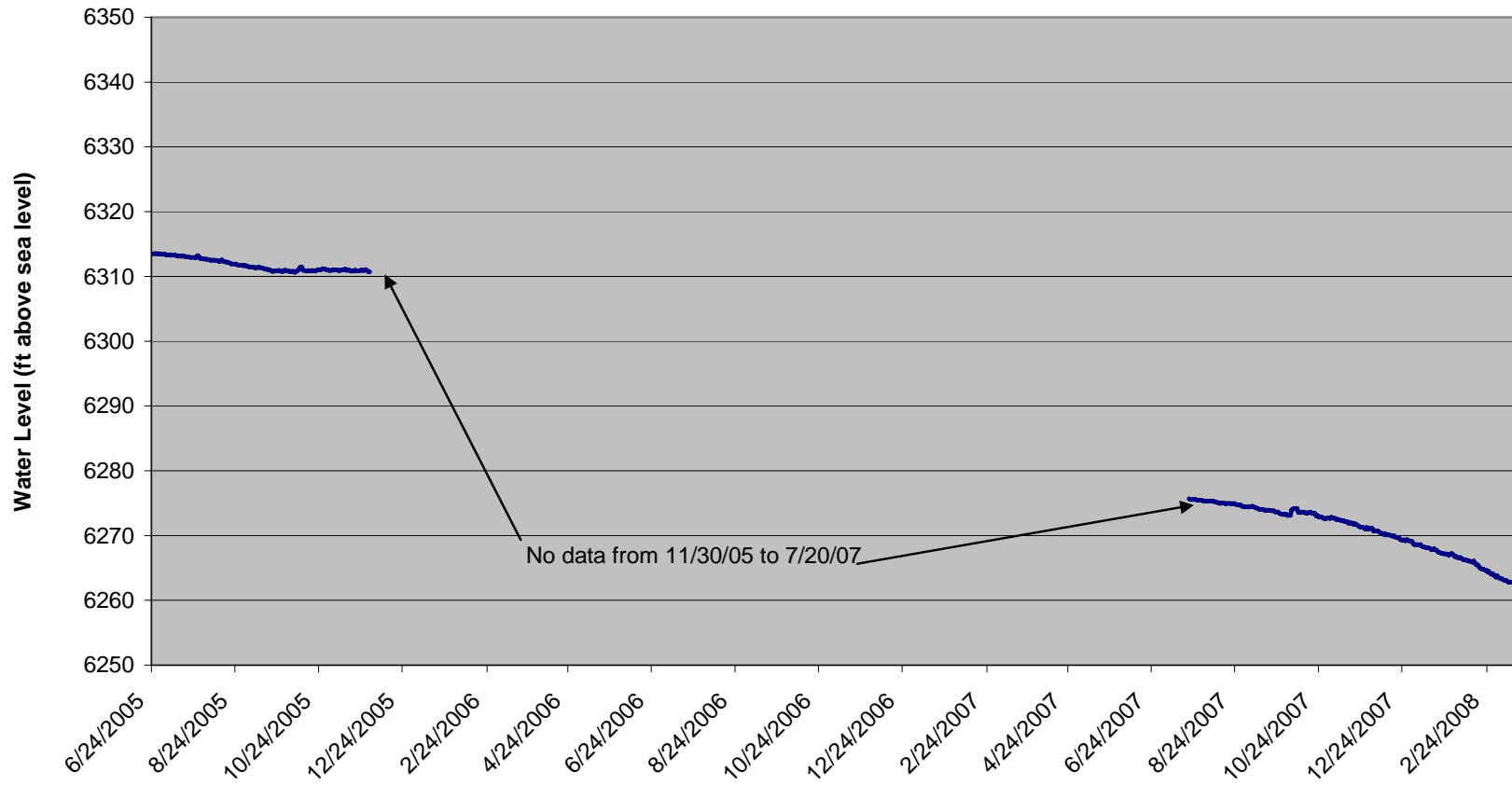
Monitoring for dissolved methane has been initiated. During the first week there were a number of houses were visited, but the homeowners were not present to allow access. Sample collection will continue until all samples have been collected or homeowners have signed a letter indicating that they will not allow access and sampling.

Attachment 2
Graphs of Data From Continuous Pressure Monitoring
Barrett, Bergman, Coleman, and Meyer

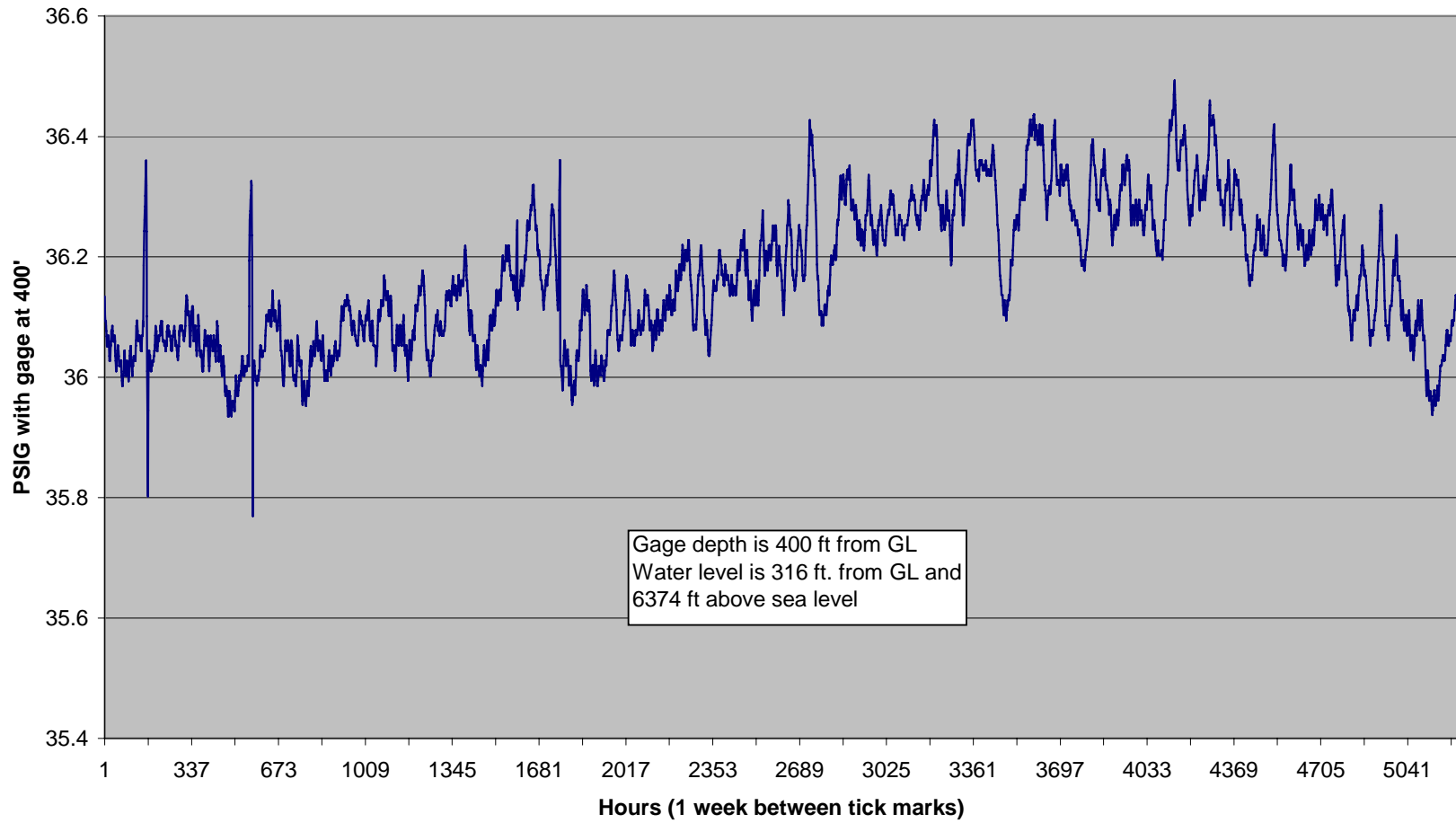
Barrett WW from 7/20/07 to 3/14/08
Permit # 257994
Lot 57 RRR
NW, SE Sec 3, T29S R67W
G.L. elev. 6707'



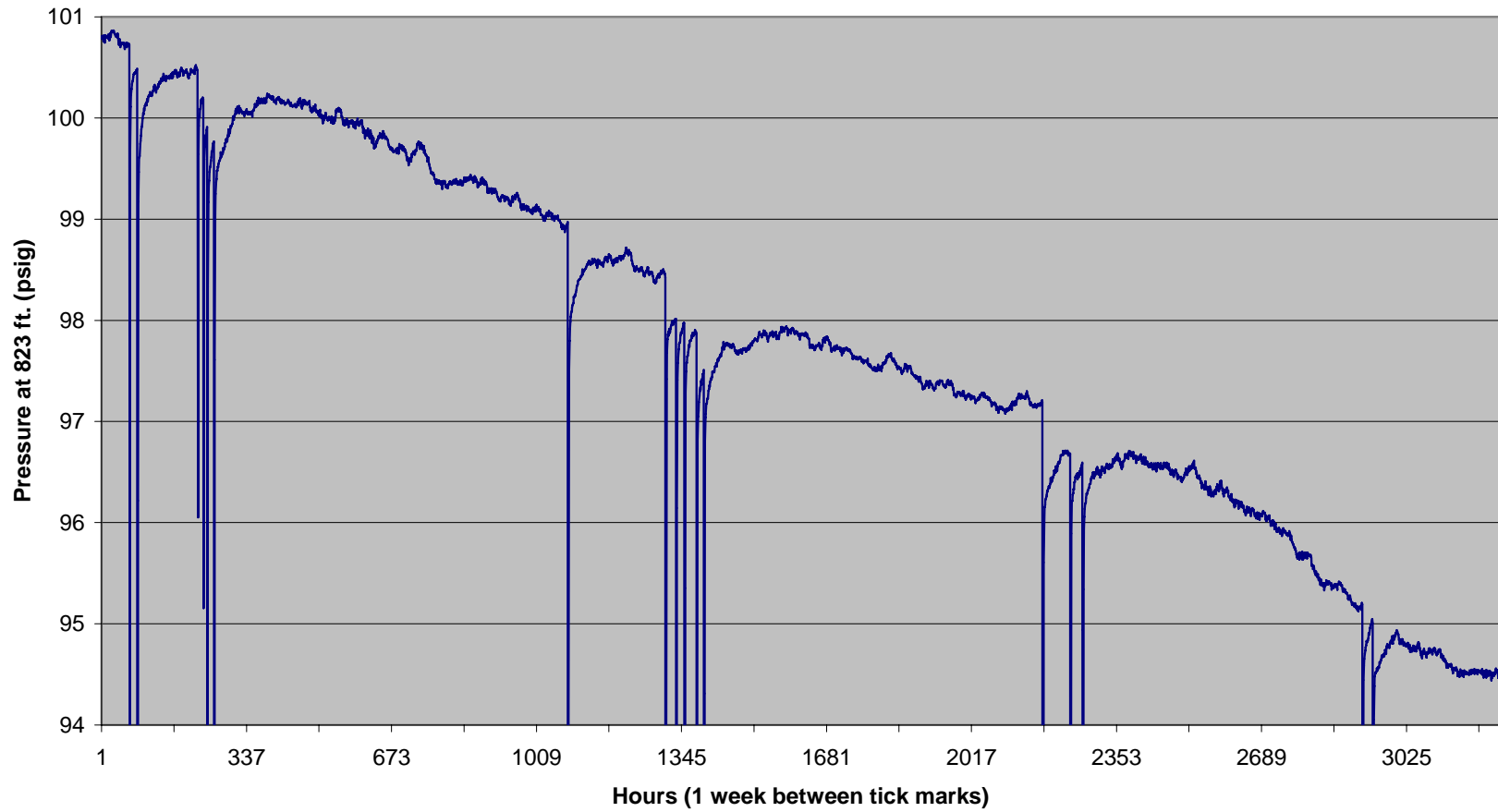
Barrett WW
Water Level from 6/24/05 to 3/14/08
Permit # 257994
Lot 57 RRR
NW, SE Sec 3, T29S R67W



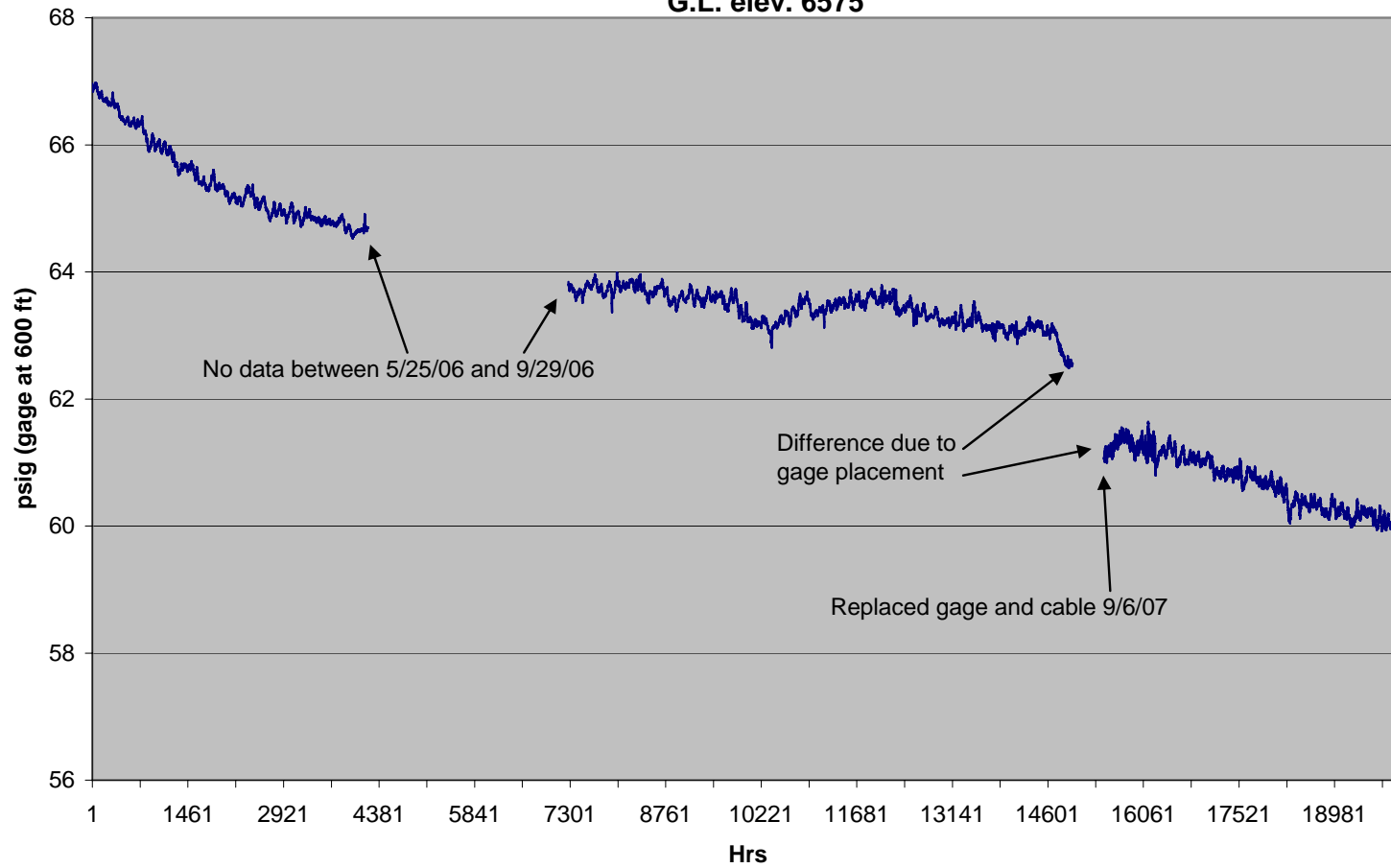
Bergman WW pressure data from 8/9/07 to 3/14/08
Permit # 24403, SW NW Sec 3 29S 67W
Lot 48 RRR



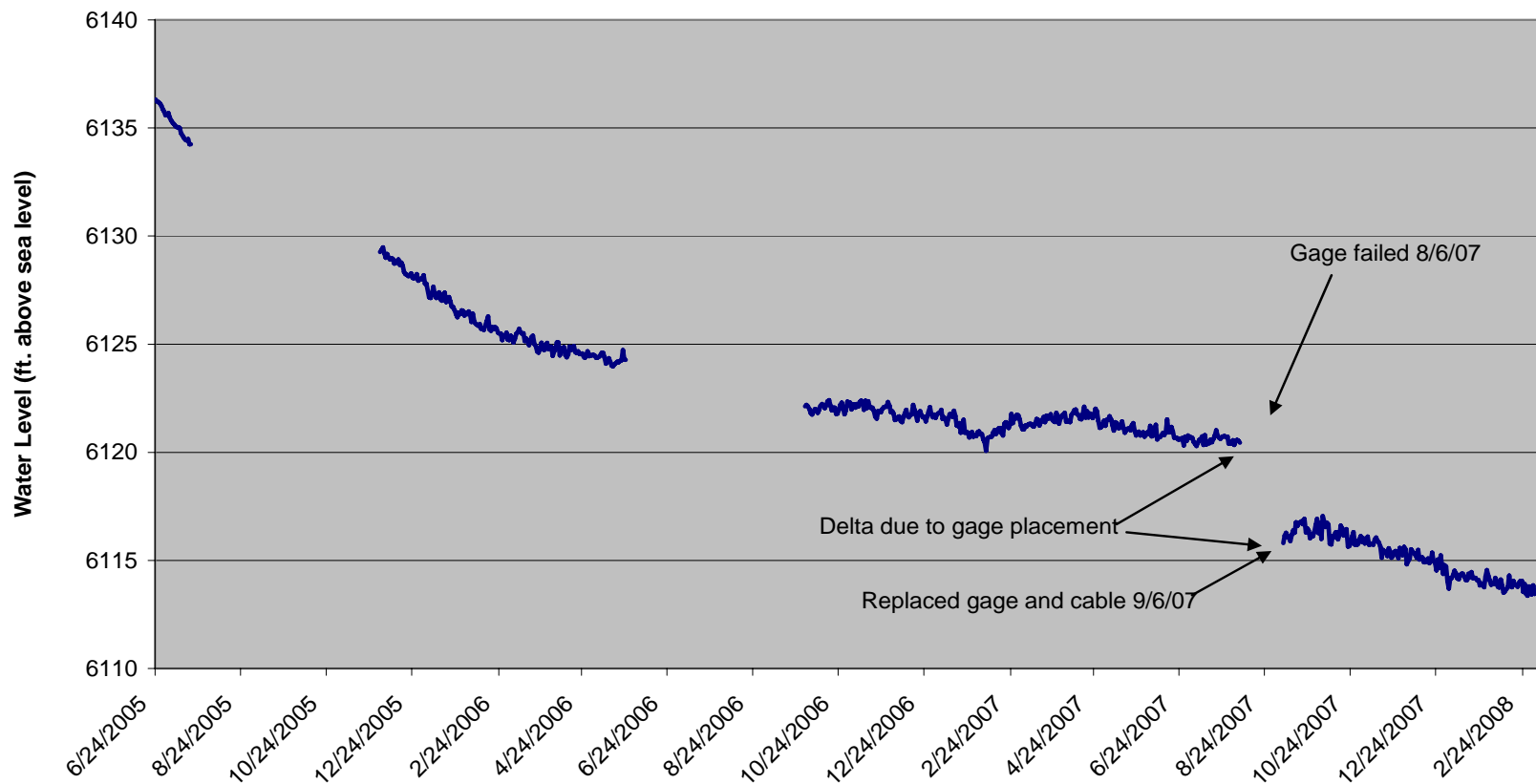
Coleman WW Pressure Data from 10/31/07 to 3/14/08
Permit # 267964 NE SW Sec 10 29S 67W
Lot 70 RRR
G.L. elev. 6848'



Meyers WW 11/30/05 to 3/14/08
Permit # 248862
Lot 120 RRR
SW, NE Sec 30 T28S R66W
G.L. elev. 6575'

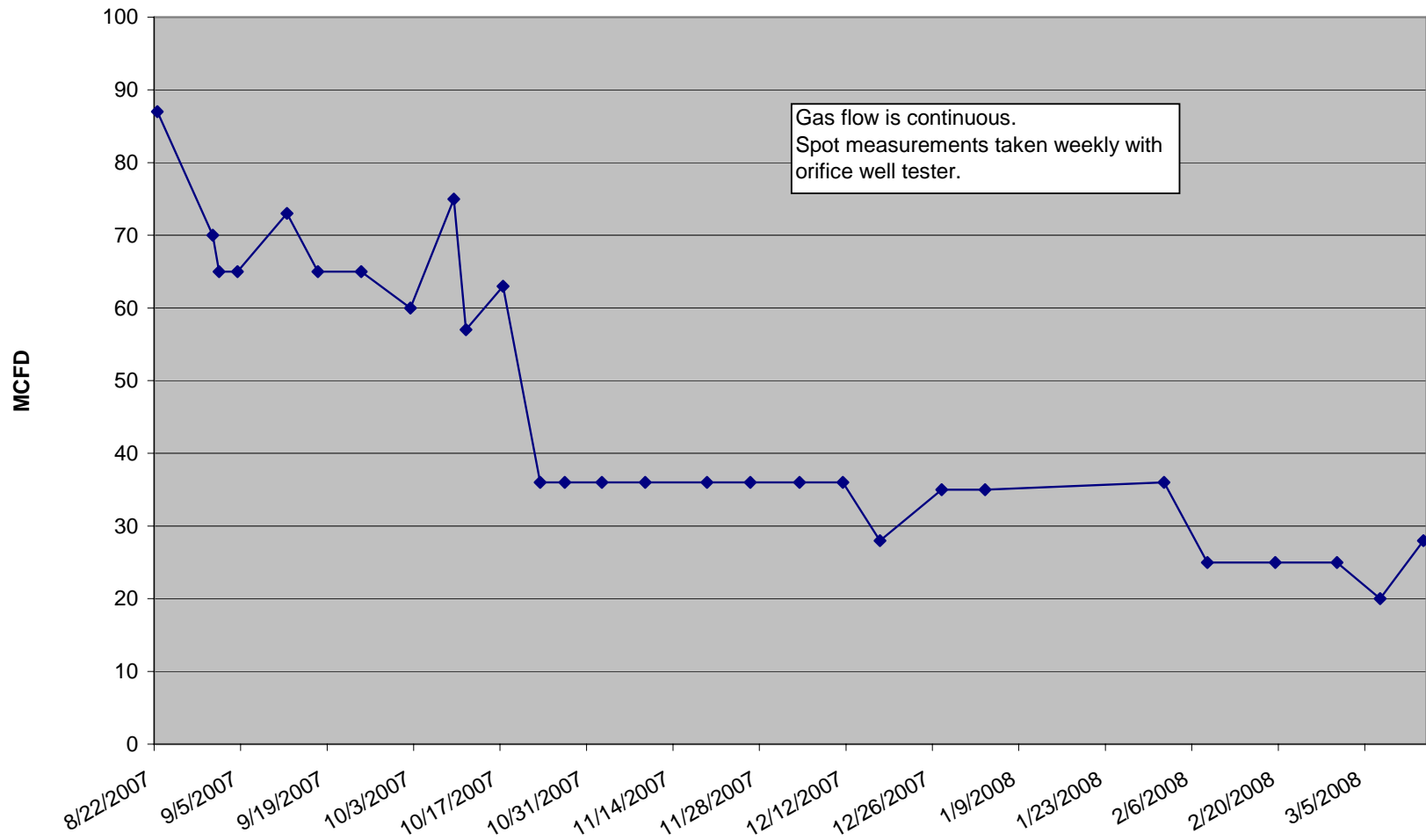


Meyer WW Water Level from 6/24/05 to 3/14/08
Permit # 248862
Lot 120 RRR
SW, NE Sec 30 T28S R66W

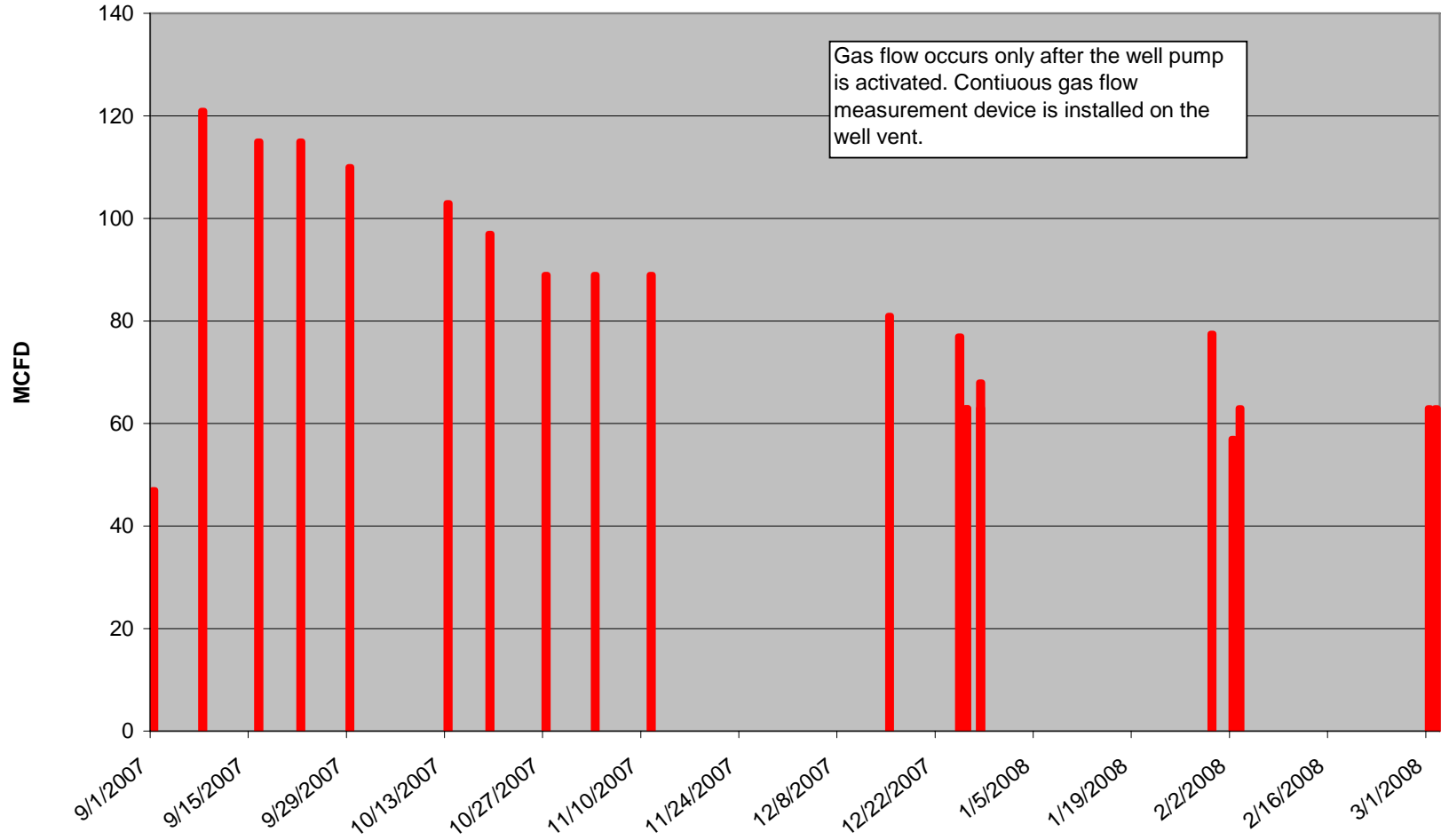


Attachment 3
Gas Flow Measurements at Bruington, Coleman, Angely, Bounds, and Smith

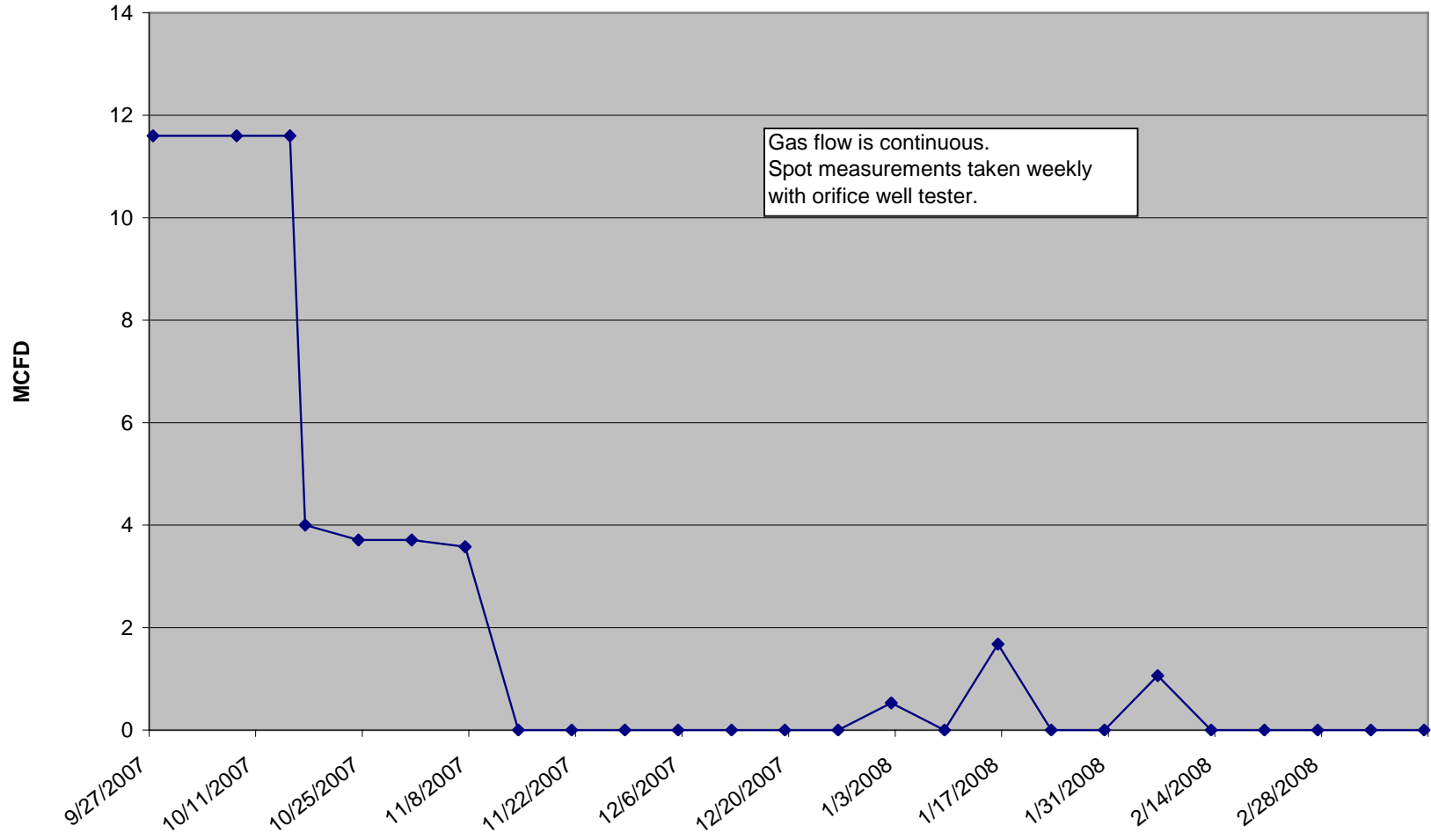
**Bruington WW # 210526 Measured Gas Flow
from 8/22/07 to 3/14/08**



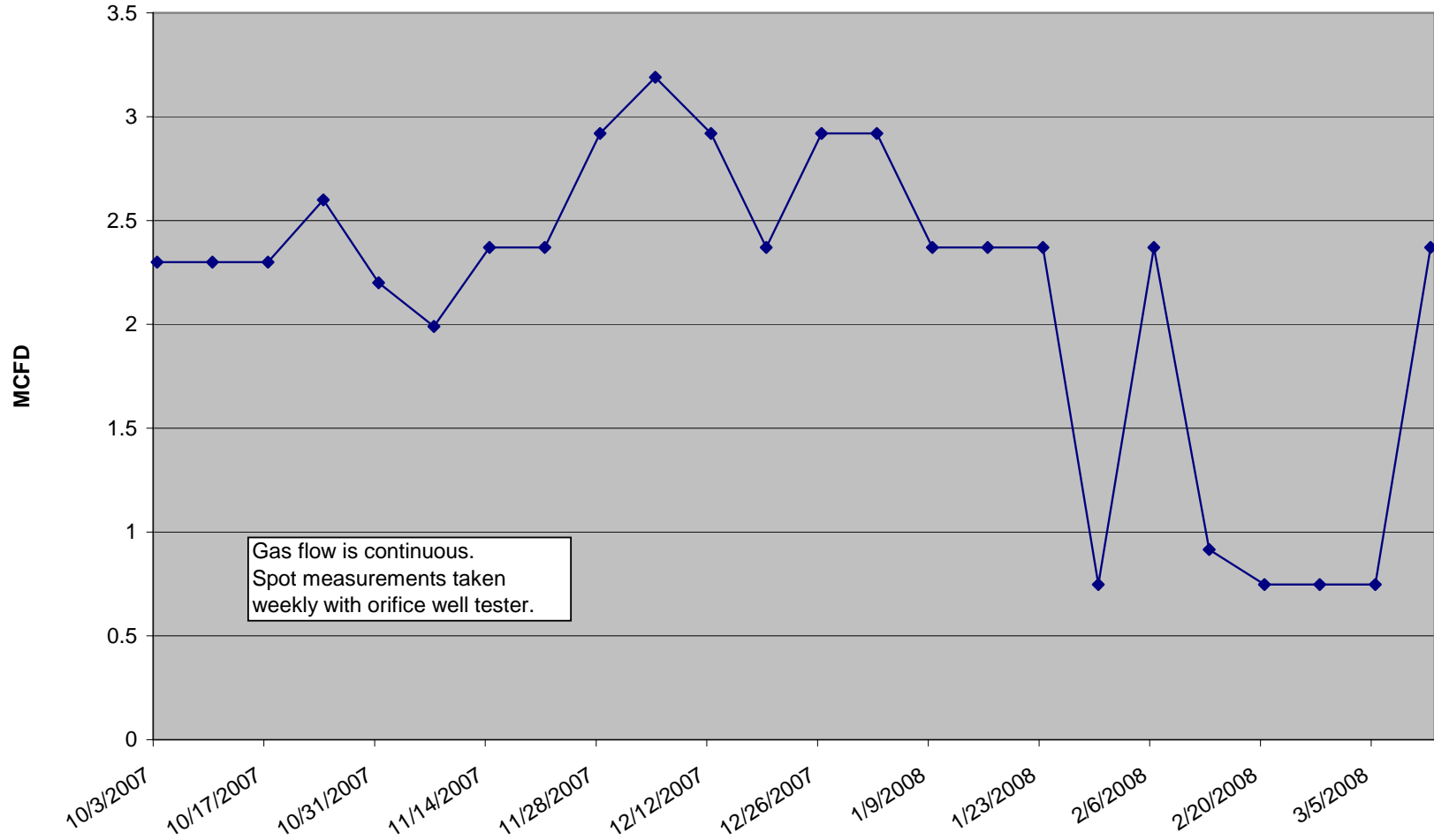
**Coleman WW #267294 Measured Gas Flow
from 9/1/07 to 3/2/08**



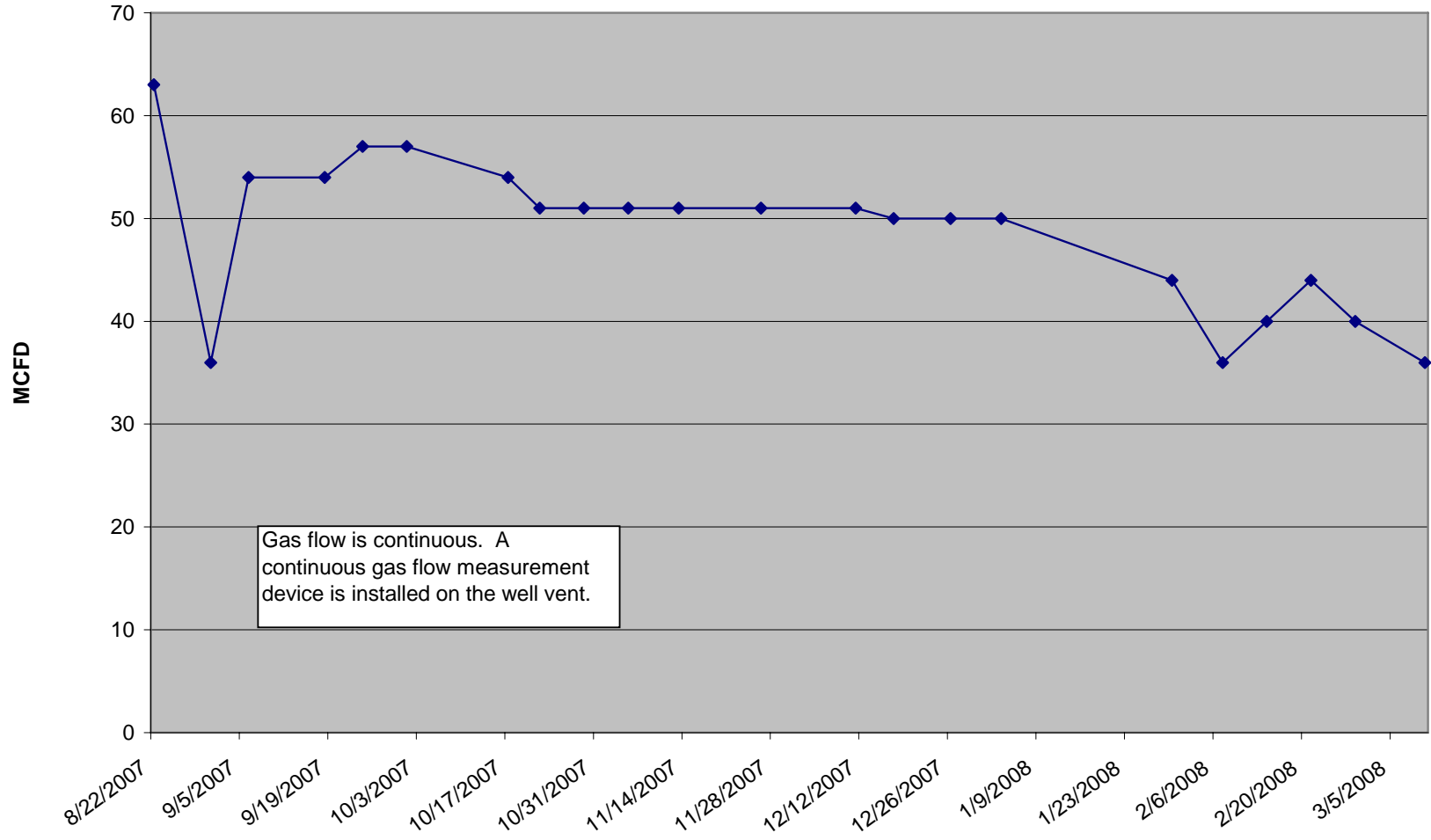
**Angely WW # 238689 Measured Gas Flow
from 9/27/07 to 3/12/08**



**Bounds WW #181278 Measured Gas Flow
from 10/3/07 to 3/12/08**

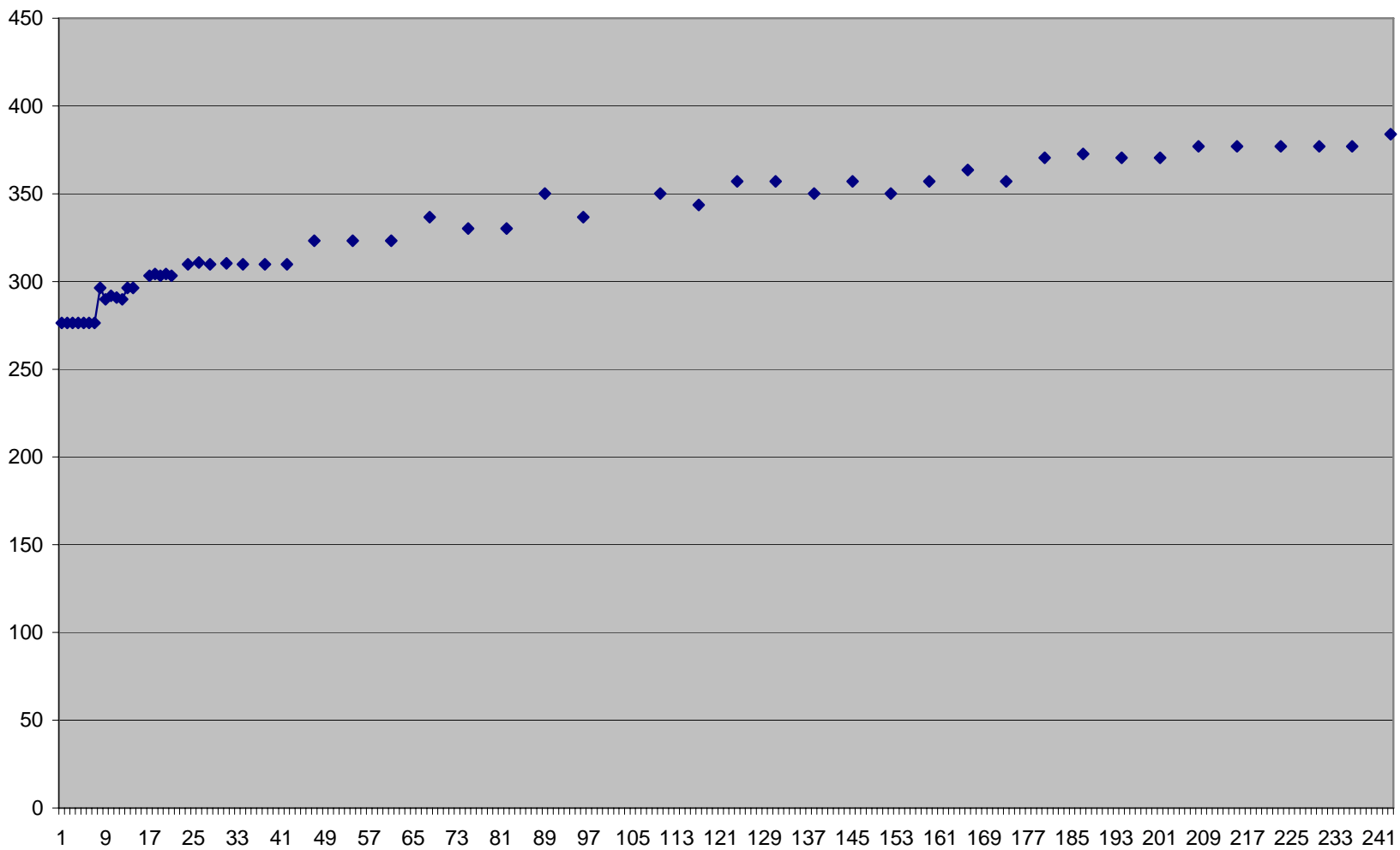


Smith WW # 239657 Measured Gas Flow
from 8/22/07 to 3/10/08

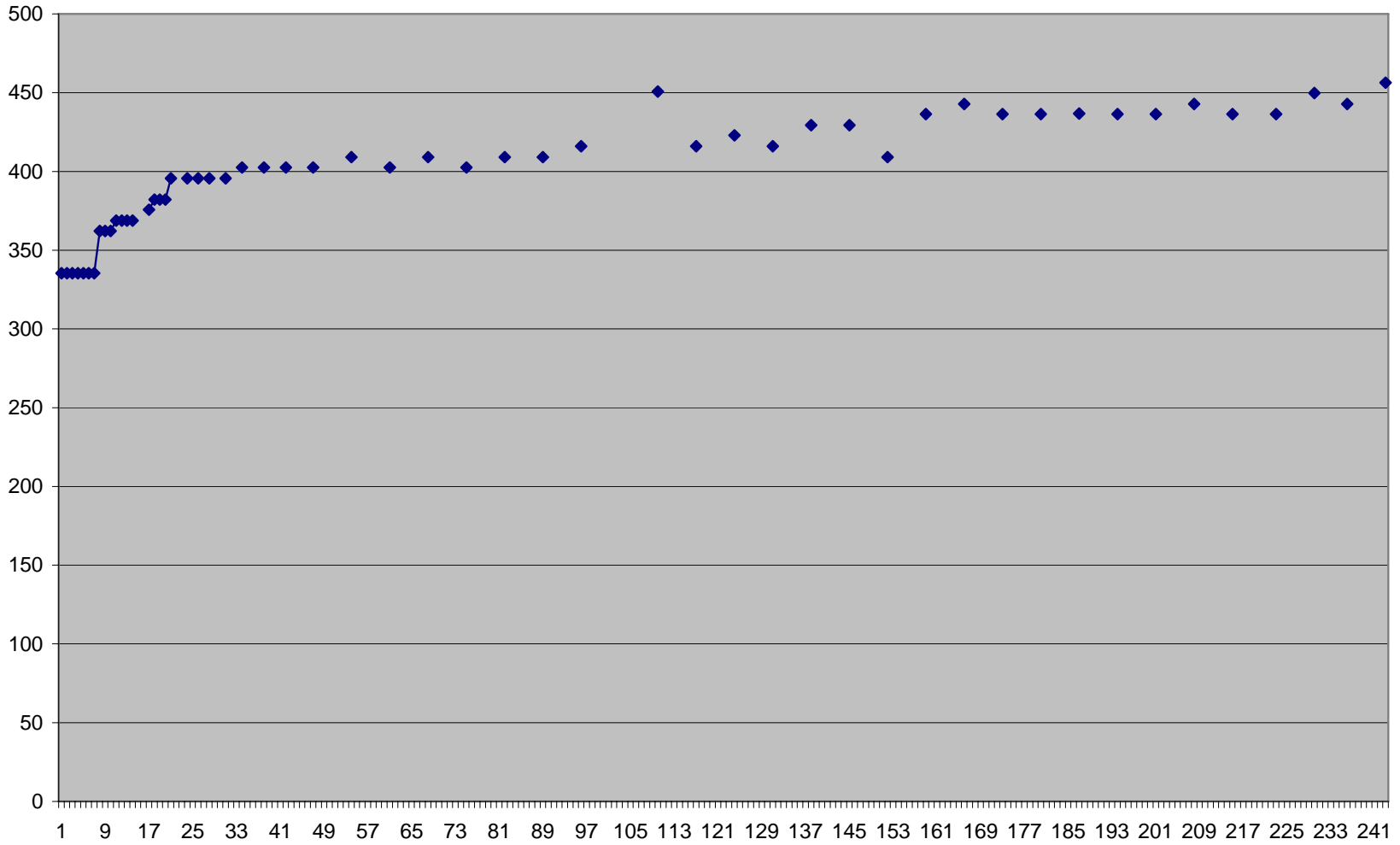


Attachment 4
Fluid Levels in Petroglyph Production Wells

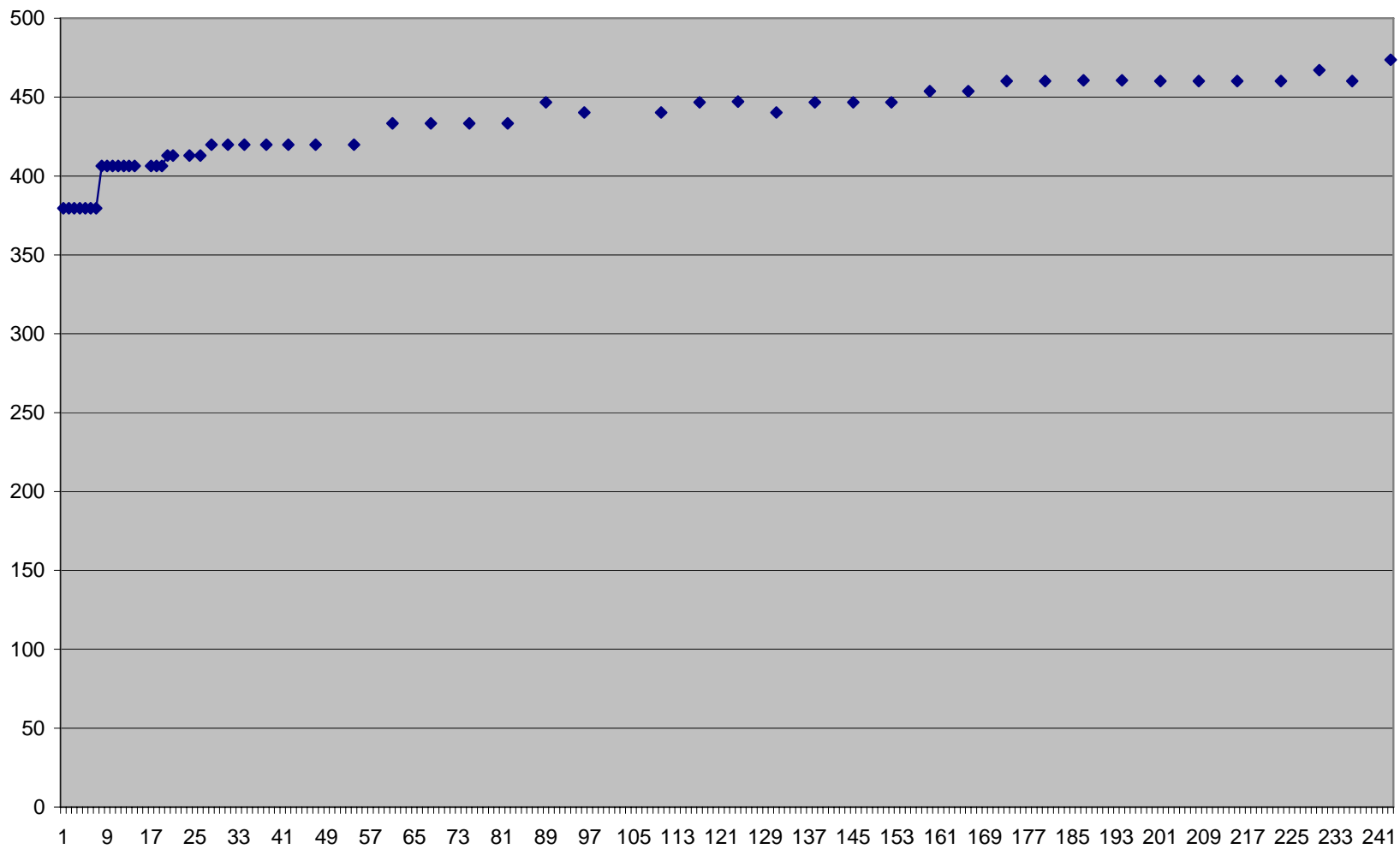
Lively 02-02



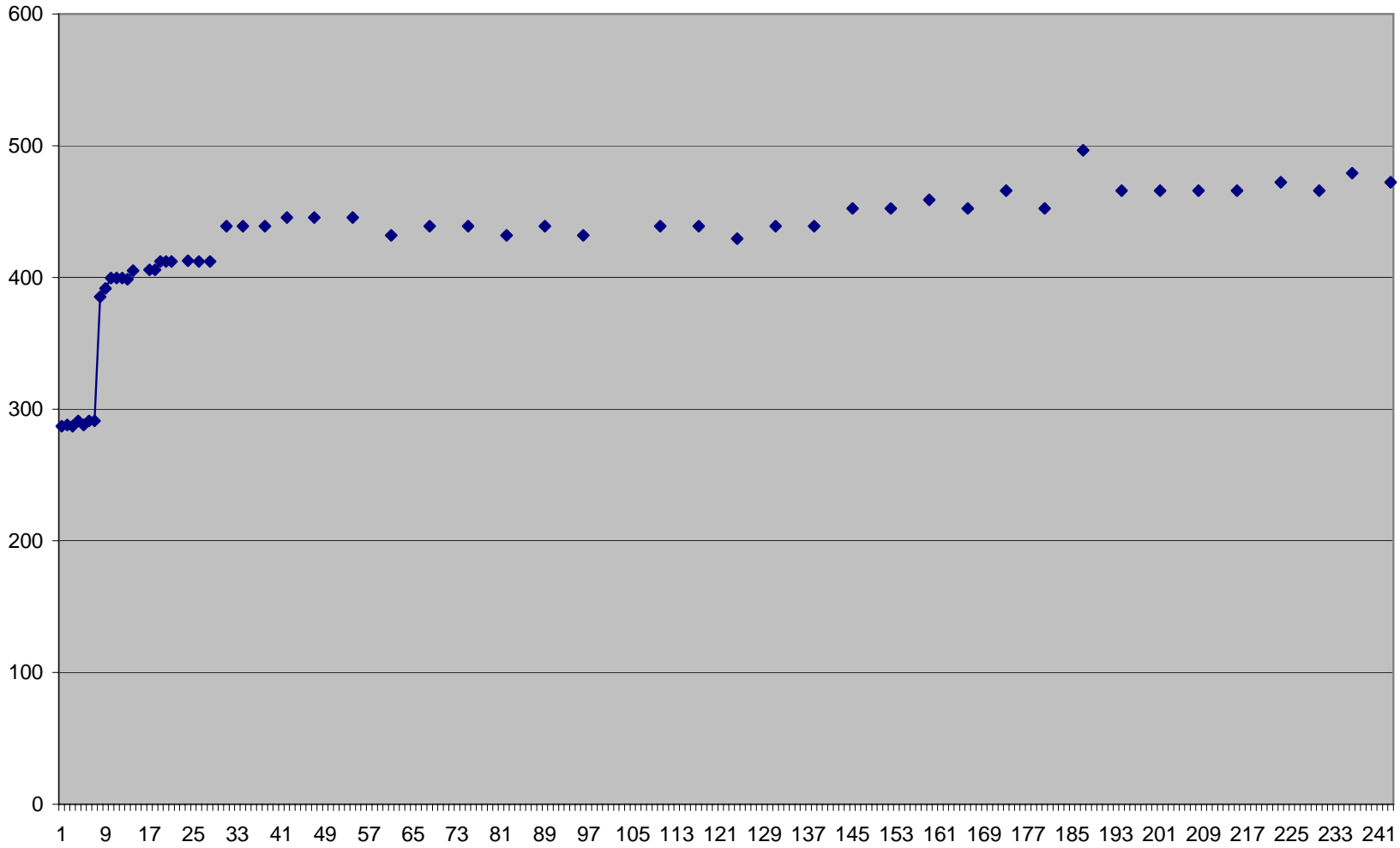
Lively 02-12



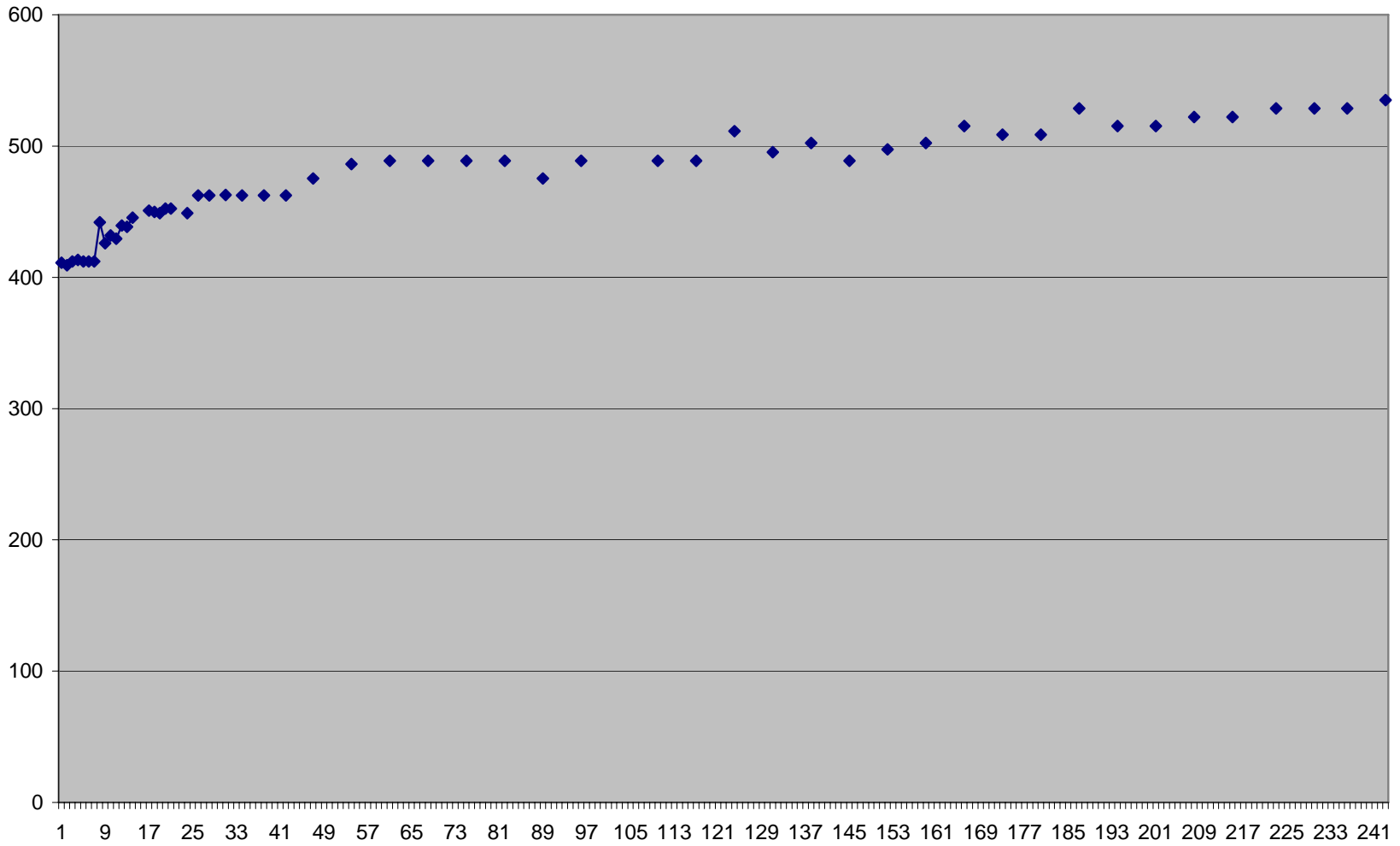
Lively 03-01



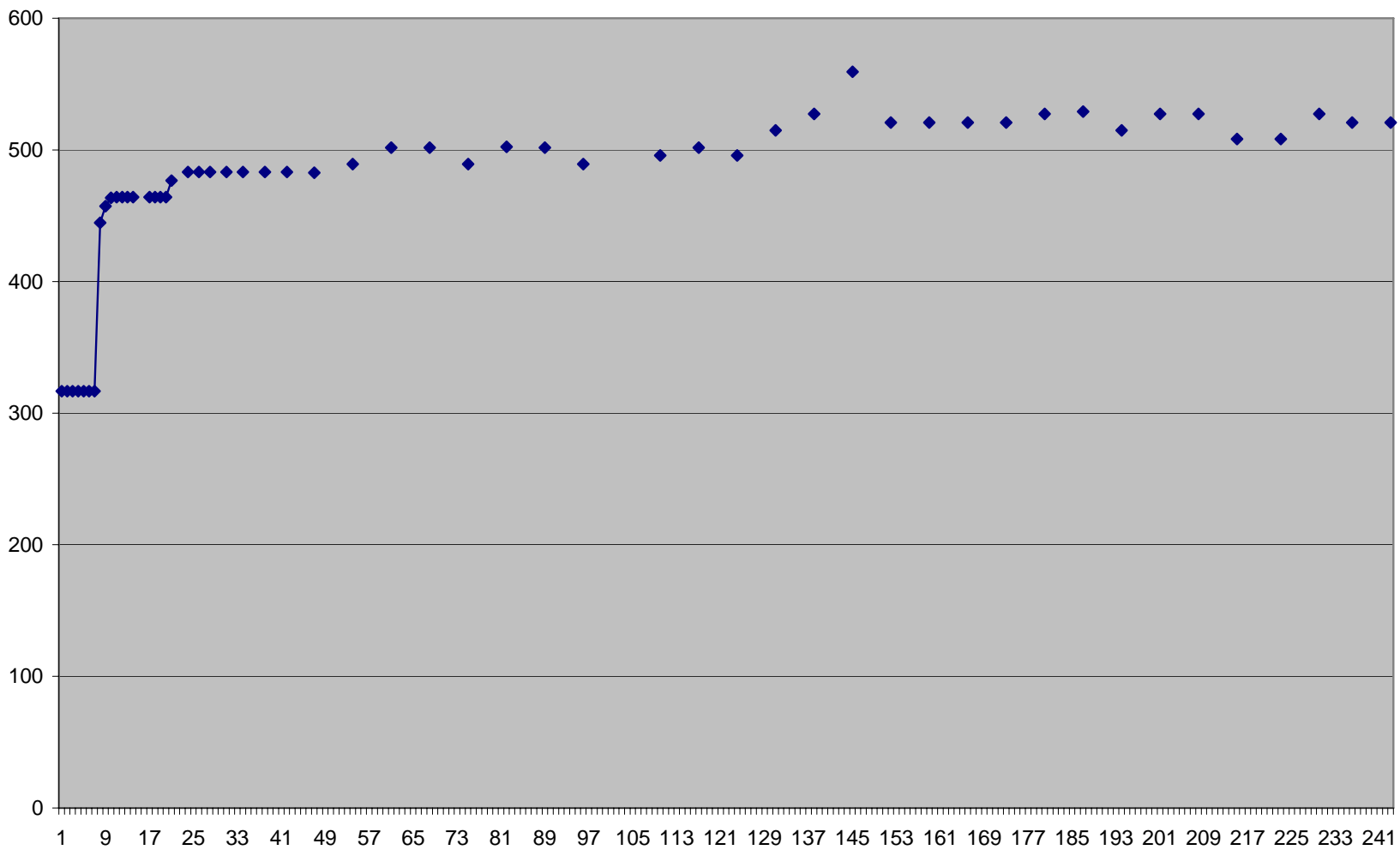
Lively 03-10



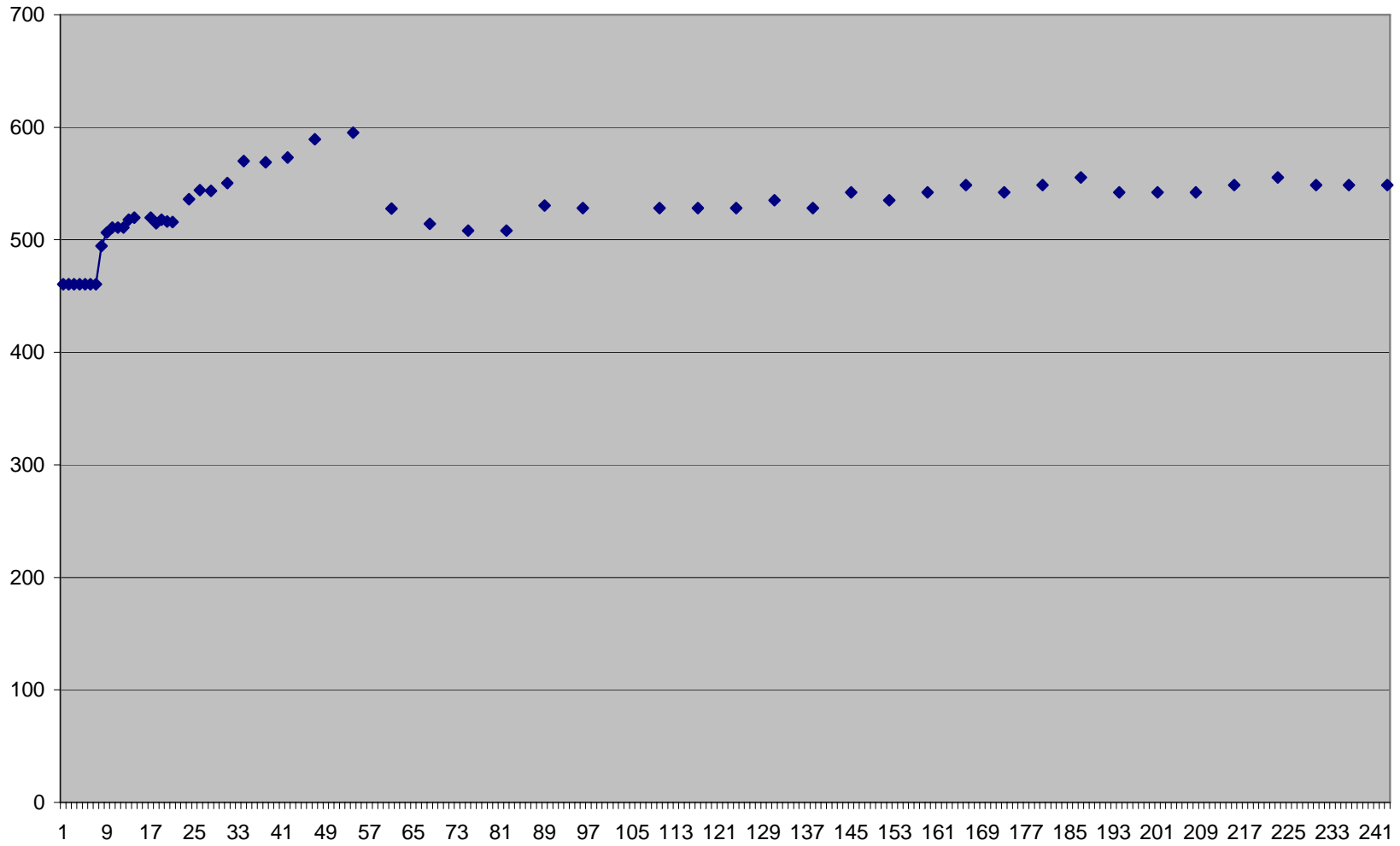
Lively 03-12



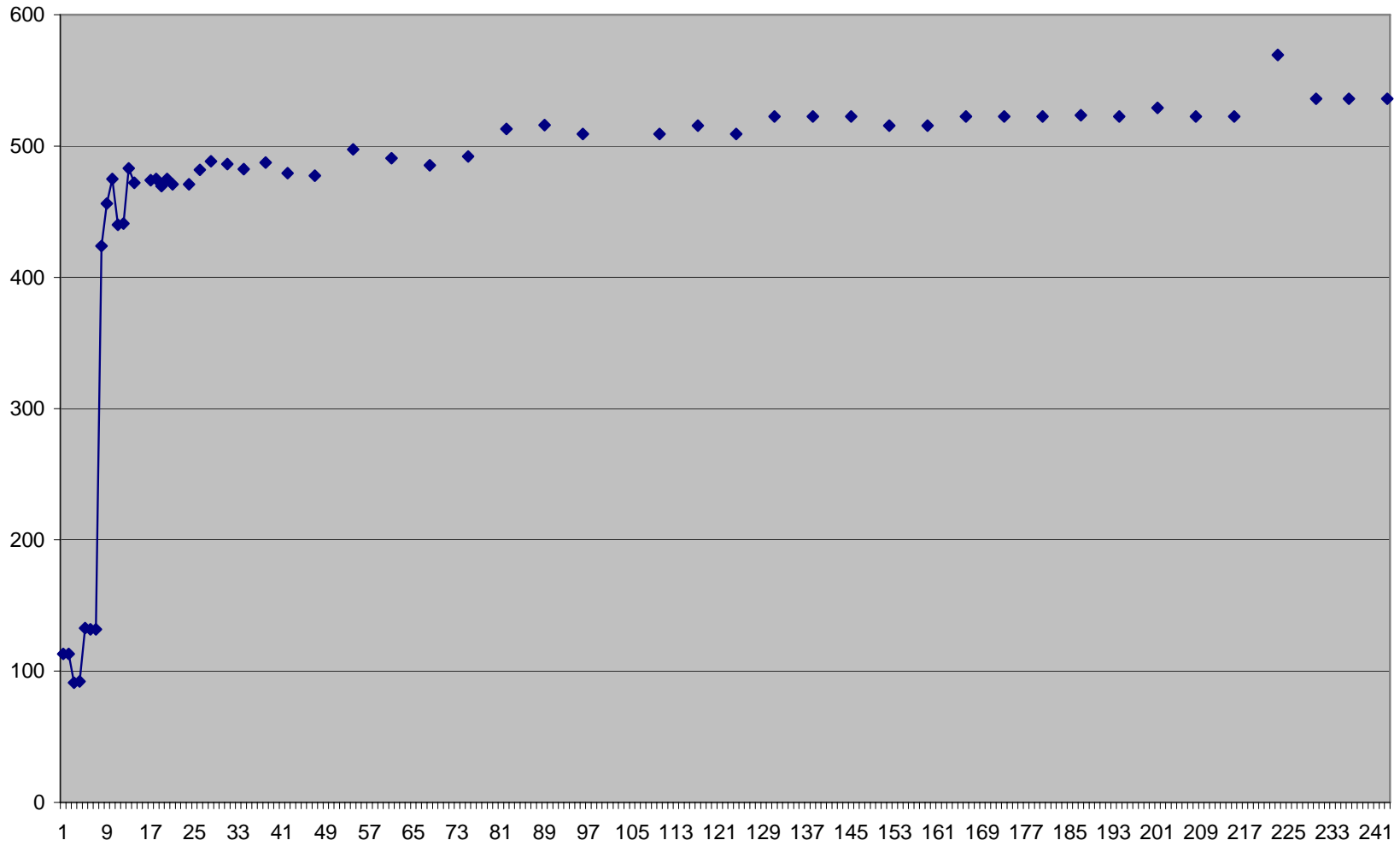
Lively 10-04



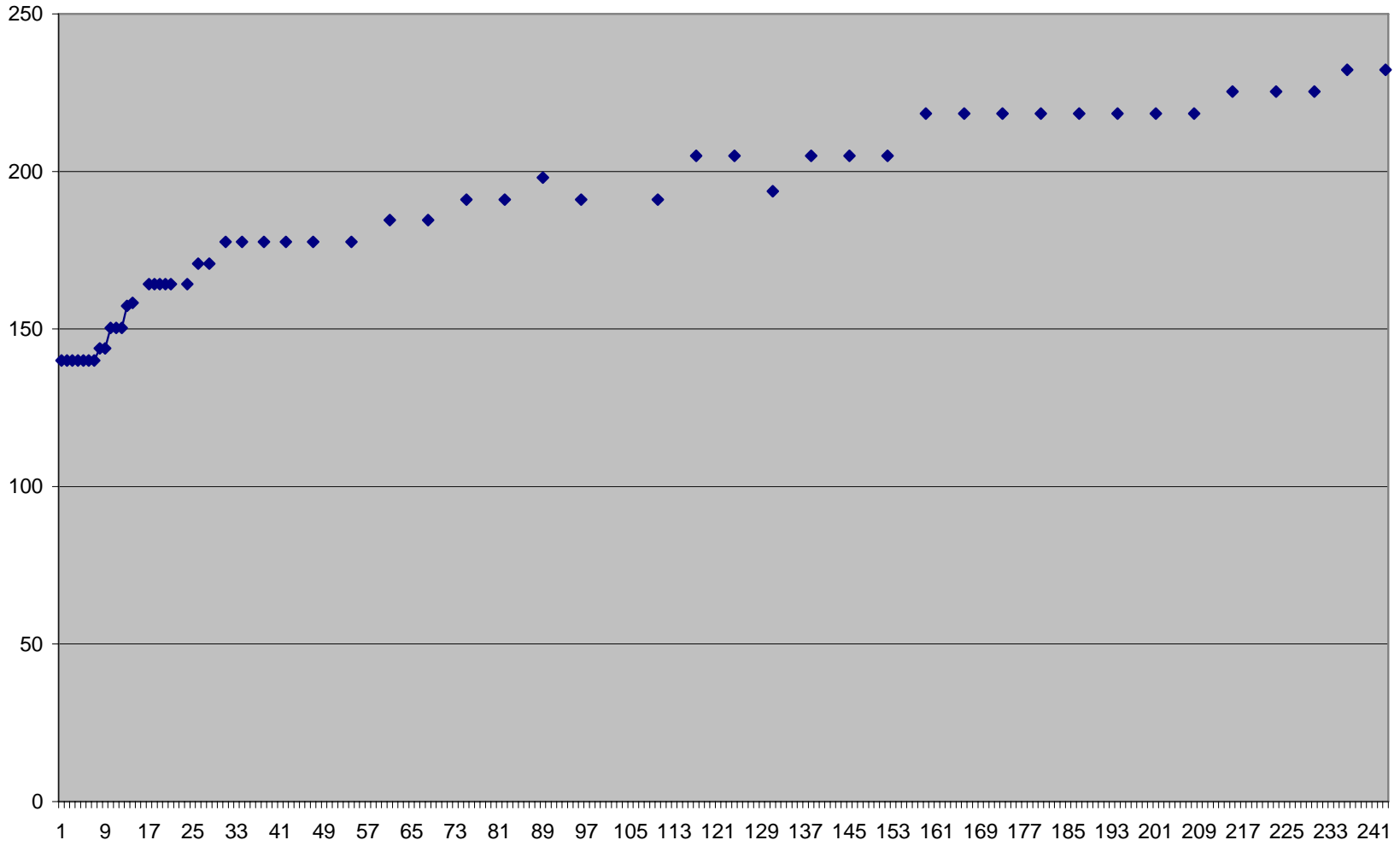
Rohr 04-10



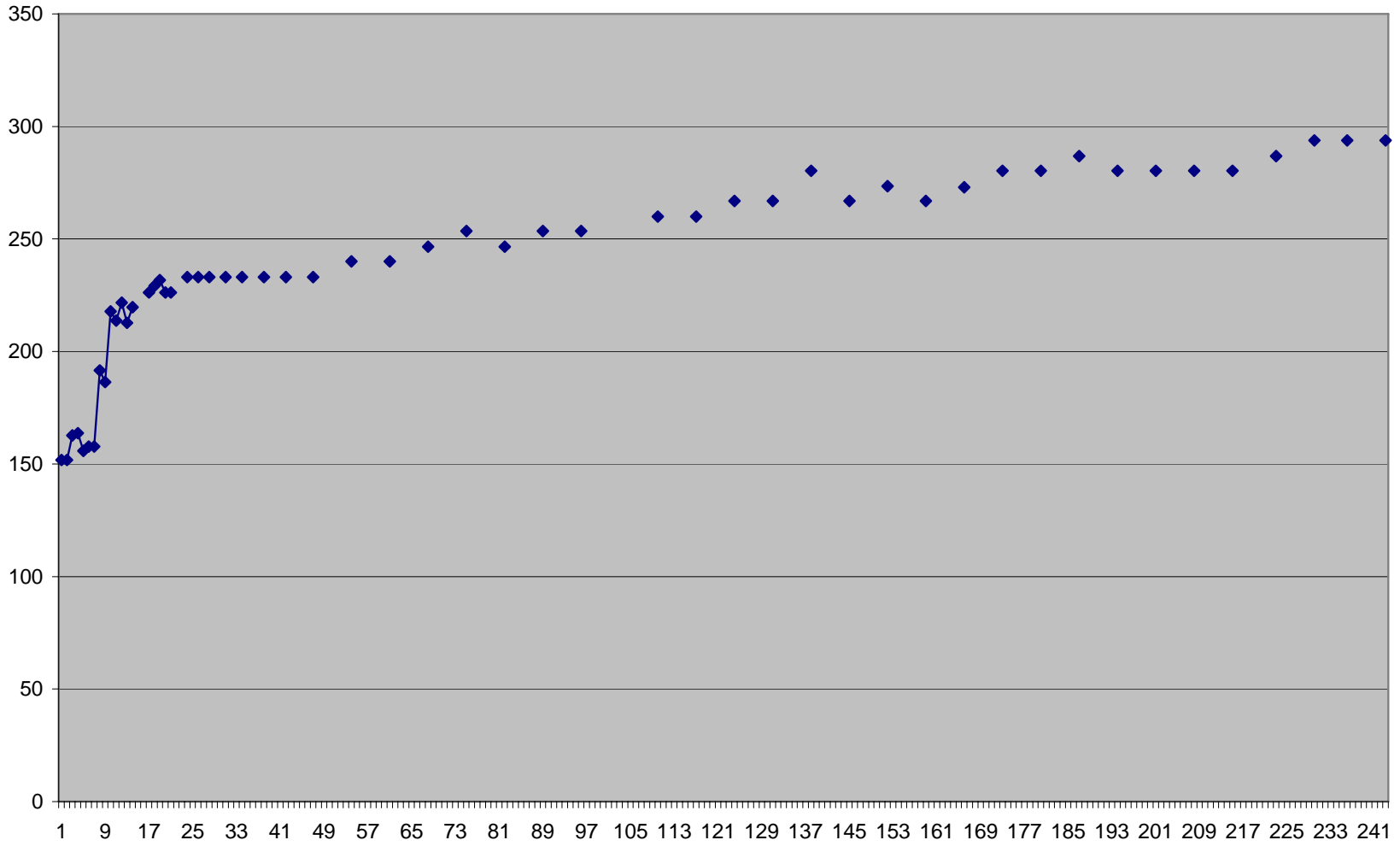
Rohr 09-10



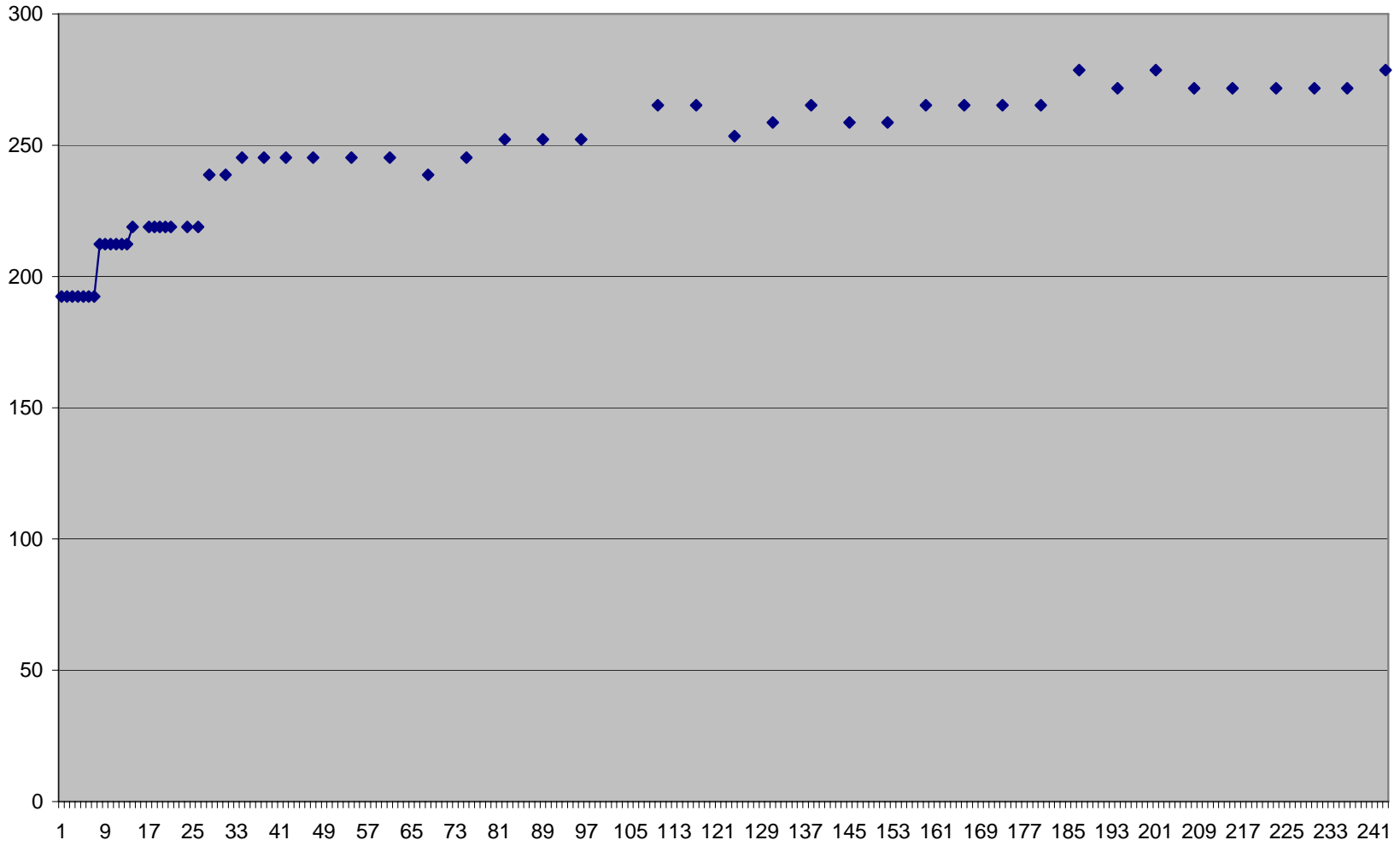
State 36-02



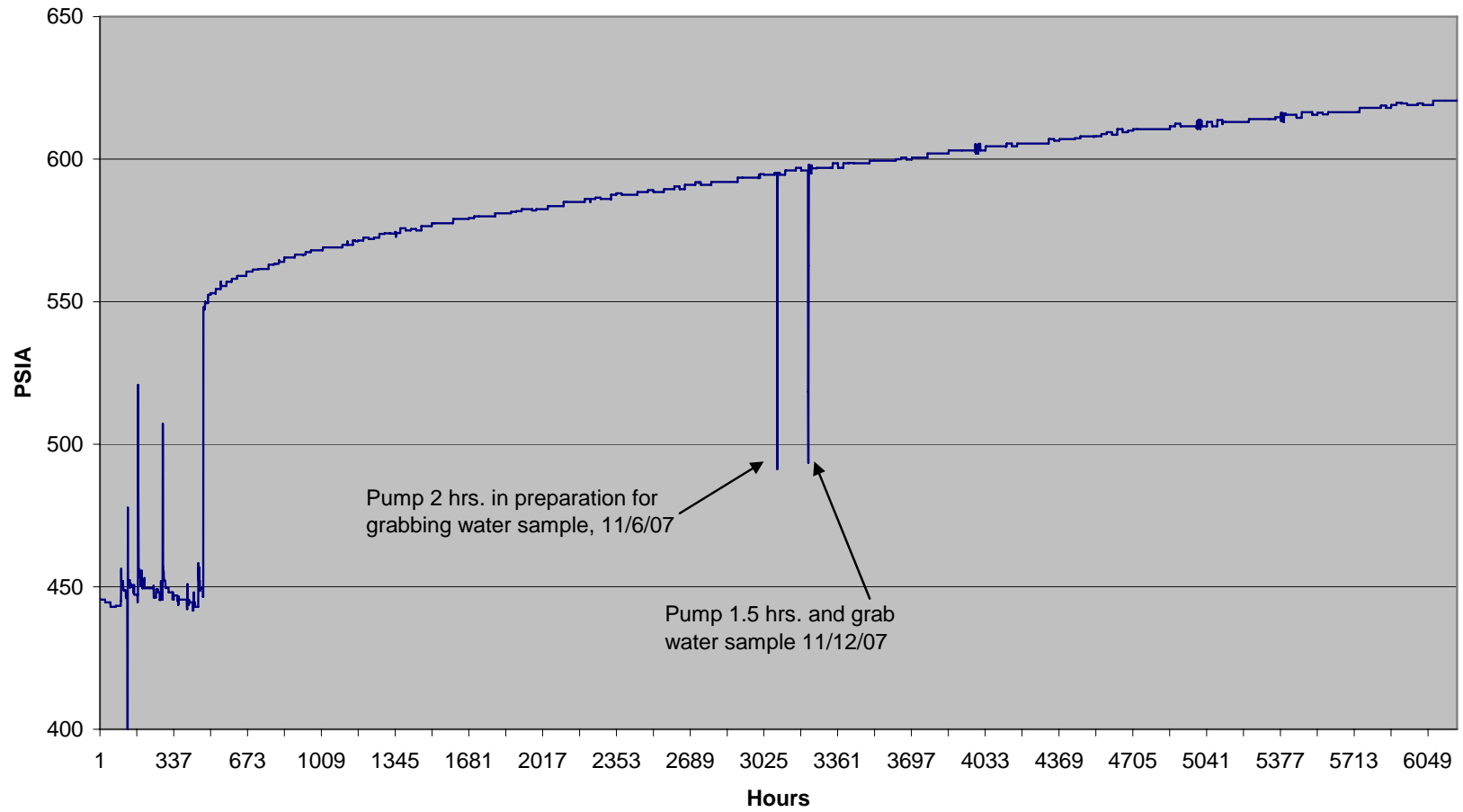
State 36-05



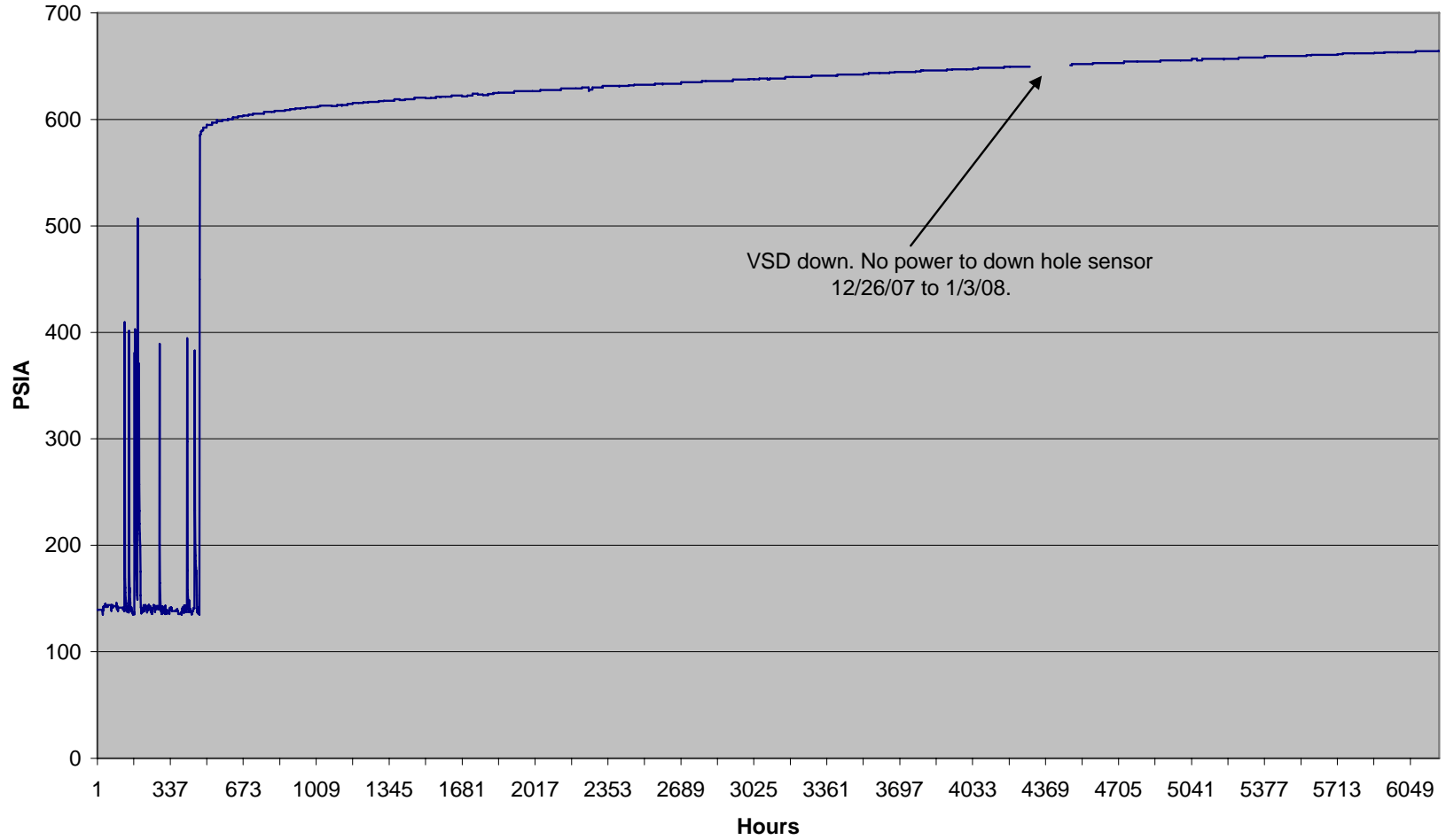
State 36-11



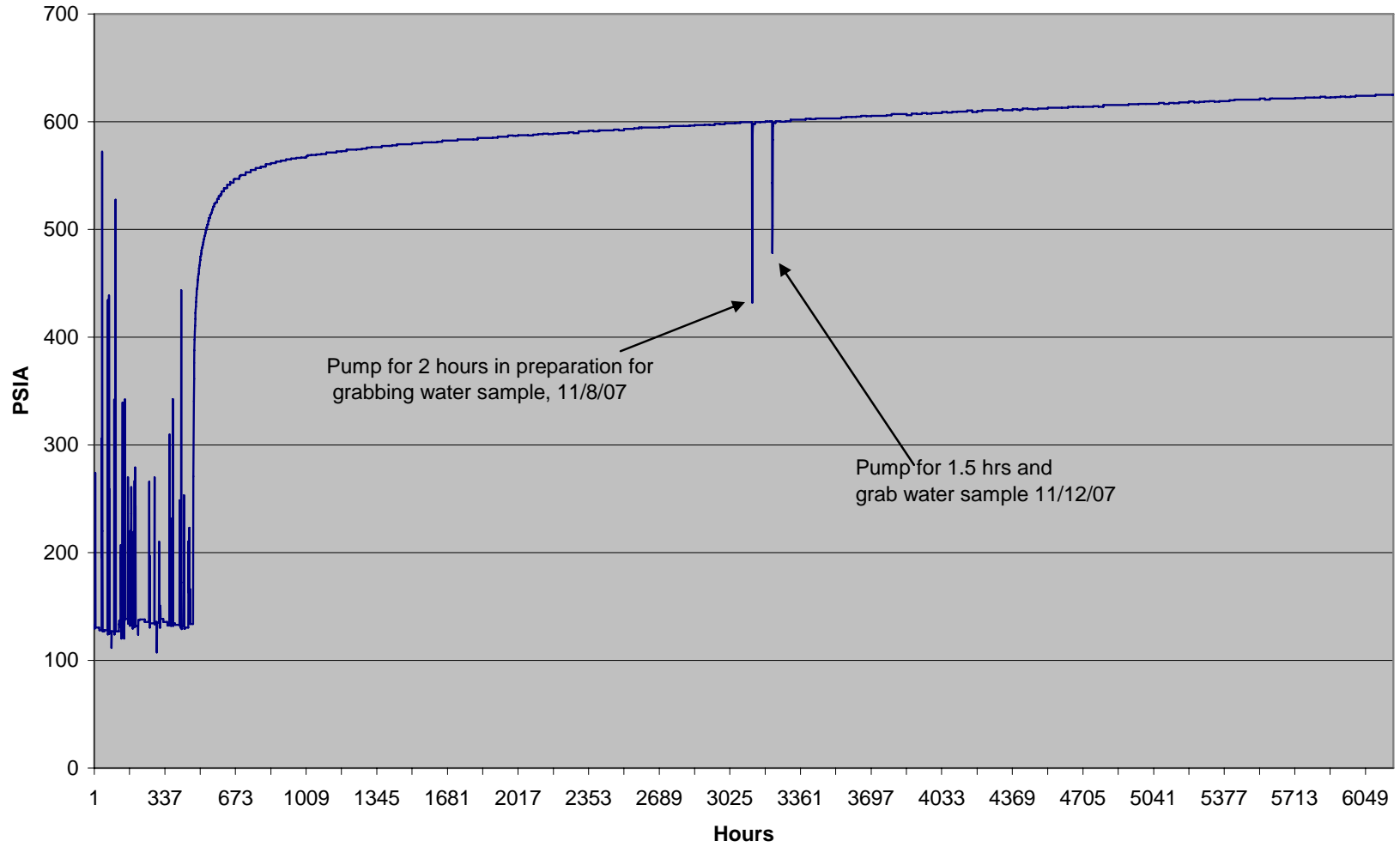
Rohr 04-14 PBU
from 7/1/07 to 3/14/08



Rohr 08-01 PBU
from 7/1/07 to 3/14/08



Rohr 09-04 PBU data (psia) 7/1/07 to 3/14/08



Rohr 09-05 PBU data (psia) 7/1/07 to 2/16/08

