UIC- I - ___005___

ANNUAL REPORTS (1)

2009

Key Energy Services
6 Desta Drive
Suite 4400
Midland, Texas 79705

Telephone: 432.620.0300
Facsimile: 432.571.7173
www.keyenergy.com

June 28, 2010

Mr. Daniel Sanchez
UIC Director
State of New Mexico
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

VIA FEDERAL EXPRESS

Re: Sunco Well
Permit UICI-005

Dear Mr. Sanchez:

Enclosed you will find the Annual Class I Well Report for 2009 for the Sunco well.

If you have any questions, please contact Daniel K. Gibson at 432 571-7536.

Sincerely,

Robyn Miller

Robyn Miller, CLA

Enclosure

cc: Mr. Wayne Price
Price LLC
312 Encantado Ridge CT NE
Rio Rancho, New Mexico 87124
(Federal Express)

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Jon Goldstein
Cabinet Secretary

Jim Noel
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division

NOTICE OF VIOLATION

April 1, 2010

Mr. Dan Gibson
Key Energy Services, LLC
6 Desta Drive, Suite 4400
Midland, Texas 79705

VIA CERTIFIED MAIL
RETURN RECEIPT NO: 7001 1940 0004 7923 4887

Re: Discharge Plan Permit Notice of Violation(s) (UICI-005 [I-005])
Key Energy Services, LLC Class I Non-Hazardous Oil Field Waste Disposal Well
SUNCO Disposal Well No. 1, (API No. 30-045-28653)
1595 FNL and 1005 FWL UL: E Section 2, T29 N, R 12W
San Juan County, New Mexico

Dear Mr. Gibson:

The New Mexico Oil Conservation Division (OCD) has not received an Annual Report or any of the various, other reporting documentation required by the reporting provisions of the discharge permit for the Key Energy Services, LLC (hereafter "Key") SUNCO Disposal Well No. 1 (UICI-005). The discharge permit, issued under the New Mexico Underground Injection Control (UIC) Program, established a deadline of January 31, 2010 for Key to submit an annual report to the OCD. Because Key has failed to meet this deadline, the OCD has determined that Key is in violation of the OCD Discharge Permit (UICI-005); Water Quality Control Commission (WQCC) Regulations 20.6.2.5208 NMAC, and Federal Underground Injection Control Regulations § 40 CFR 144.& 146, et seq.

New Mexico WQCC 20.6.2.1220 NMAC provides that, where an operator violates the terms of a discharge permit issued pursuant to the Water Quality Act, the operator may be subject to enforcement actions including but not limited to a compliance order, penalty assessment, and action filed in District Court. You were advised via e-mail correspondence dated September 25, 2009 from OCD Environmental Engineer Carl Chavez reminding Key of the submittal due-date of its Annual Report for this site. Mr. Chavez specifically informed Key at that time that OCD was implementing a better report tracking system to monitor reports received by UIC Class I disposal well operators.

By this Notice, the OCD is hereby advising Key that is required to submit the delinquent Annual Report and any other reporting required by the terms and conditions of discharge permit UICI-005

to the OCD on or before June 30, 2010. The OCD is required to report the violation(s) to the EPA under the Federal Fiscal Year Quarter 2 (January –March) period. Failure to comply with the June 30, 2010 deadline referenced above will result in escalated enforcement under the Federal "Significant non-Compliance" designation. If the Key does not satisfy the reporting requirements by the June 30, 2010 date, it shall immediately shut-in the referenced facility and shall be required to submit a C-103 to the OCD for plugging and abandoning the well no later than September 30, 2010.

Please contact Carl Chavez of my staff at (505) 476-3490 or carlj.chavez@state.nm.us within 14 days of receipt of this NOV to arrange for compliance and enforcement meeting at the OCD office in Santa Fe, New Mexico. It is imperative that you promptly make arrangements to meet with us if you wish to not only resolve the compliance issue, but also wish to pursue the renewal of your discharge permit for this facility. If Key fails to contact the OCD within 14 days of receipt as indicated, the OCD will assume that Key no longer wishes to seek renewal of the discharge permit for the SUNCO Disposal Well No. 1, designated UICI-005.

Sincerely,

Daniel Sanchez
UIC Director

DS/cc

xc: OCD District 3 Office, Aztec
Mikal Altomare, Mikal.altomare@state.nm.us

Performance *is* Key

ANNUAL CLASS I WELL REPORT FOR 2009

Key Energy Services, Inc.

Permit UICI-005

API No. 30-045-28653

June 28, 2010

Submitted by: _____

Daniel K. Gibson, P.G.
Corporate Environmental Director
Key Energy Services, Inc.
6 Desta Drive, Suite 4400
Midland, Texas 79705
(432) 571-7536 ph
(432) 571-7173 fax

Section 1 - Summary of Operations

The Oil Conservation Division (OCD) issued a Notice of Violation (NOV) to Key Energy Services, Inc. (Key) dated April 1, 2010. The NOV was issued in response to Key's failure to submit the annual report for UICI-005 located in San Juan County, New Mexico as required by the facility's Discharge Plan Permit. As a result of the NOV, a resolution meeting was held at OCD office in Santa Fe, NM on May 6, 2010. This report is prepared to resolve the issues identified in the April 1, 2010 NOV related to UICI-005 and to meet the annual reporting requirement. These issues and their resolution are detailed in the following sections.

The preparation of this report required an extensive review of both Key and OCD files. Data reported to Key as 'missing' was located in both sets of files. Key has attempted to reconstruct, to the extent possible, a report representative of the operational history of UICI-005. This includes a history of operational changes that have occurred regarding modifications to the methods used to collect operational data.

In 2009, Key modified the configuration of the Murphy safety switches in response to an injection pressure exceedance that occurred on June 7, 2009. The new configuration is expected to remedy this issue.

During the resolution meeting and in discussing the discharge permit requirements with Key operations personnel, it became apparent that the current annual training should be augmented to include permit-specific training. As a result, Key will prepare a compliance plan for this site and provide additional instruction to operations personnel before December 31, 2010.

The issues described above and other permit-required information are further detailed in the following sections.

Section 2 – Production Volumes

Recent Activity

During the May 6, 2010 resolution meeting OCD pointed out that Key had not submitted the 2009 annual report pursuant to the permit condition 22.L. In addition, it appeared that annual reports for the year 2007-2008 were also missing from the OCD imaging system files. OCD gave Key a deadline of June 30, 2010 for the 2009 report submittal and requested a comprehensive search and record submittal for the entire well history since inception. Key pointed out that most of this data should already be in the OCD records or may no longer exist.

OCD pointed out that Key should make a commitment to finding this information, and if not available, provide OCD an explanation and signed statement indicating its efforts to collect this information.
During the meeting, OCD appeared to place a higher emphasis on the historical technical information such as past injection volumes, pressures, chemical analysis and the area-of-review (AOR) for the well, notwithstanding also supplying the required information requested in permit condition 22.L.

Chronological History

Key has compiled a historic chronologic report beginning from inception of the well to the current operating status and conditions. Appendix A contains a copy of the "Key UICI-005 Class I Disposal Well Chronological Report" for this facility.

Historic Injection Data and Methodology

Historical injection data was located by researching OCD on-line files, paper files, computer files (with OCD approval and assistance), and Key files. Key also made searches at the New Mexico Records and Archives. As a result of this comprehensive search, Key has attempted to re-create the "lifetime injection data" from the inception of the well in 1992 to date.

Coleman (Sunco) AMD Order SWD-457 and GW-235 permits were originally issued as a Class II SWD (Salt Water Disposal Well) with a pond. It should be pointed out that the records for GW-235 are missing from the OCD files and could not be located in the New Mexico Records and Archives.

Coleman (Sunco) during the period of 1992-1997 was required to submit reports pursuant to current OCD rules. Generally, these were C-115 water injection reports, and/or other similar forms required at the time. Key contacted Jane Prouty-(OCD) to determine if copies of these records were scanned or maintained. No records were located.

In 1996, Coleman (Sunco) submitted an application to re-classify the well from a Class II to a Class I injection well. Coleman (Sunco) was given a temporary permit and one of the conditions was to maintain records for five years. This may explain the lack of record retention for the years prior to 1996. In addition, when Key purchased the operations in 1997 the existing permit conditions did not include a condition for retaining the quarterly pressure and volume injection data.

Since Key assumed the operation of the well, records for the total injected volume have been maintained and updated. In addition, Key has maintained the required injection pressure records.

Appendix B contains the Monthly Well Injection Reports for the period from October 1997 through December 2006. This data starts with the lifetime data carried over from the Coleman (Sunco) operations. The reports show the following logged data:

- Period, Year and months broken down into quarters;
- Injection Pressures, (Maximum psi, Minimum psi, Average psi);
- Flow Rates, (Maximum bbls, Minimum bbls, Average bbls);
- Flow Volumes/Day, (Month bbls, Year to Date bbls, Life of Well bbls);
- Annular Pressures, (Maximum psi, Minimum psi, Average psi);
- Class I, (Volumes in bbls).

During this period, the injection pressures were interpolated from the continuous monitoring pressure charts. The minimum pressure was obtained from the initial spike right after the injection pump started. The maximum pressure of the month was obtained from the highest reading observed from the chart. The average pressure was a visual interpolation of average pressures observed during the daily pump cycles over the entire month.

The well annulus pressure was taken from the pressure-recording chart in a similar manner as described above. Due to extreme pressure variation problems, Key requested an exception to maintaining pressure on the annulus. OCD granted the exception. Later permits required pressure maintenance, but the condition was not enforced due to the noted previous problems experienced.

Flow meter readings were taken from a flow meter installed on the wellhead-tubing inlet. Daily, monthly, quarterly, yearly and lifetime accumulations were recorded.

The average monthly flow rates were determined by taking the monthly total injected volumes divided by the number of days in the month. Records could not be found regarding how the maximum or minimum flow rates were obtained.

Class I waste (i.e. non-exempt waste) volumes were recorded every month. Form C-138s (OCD non-exempt waste tracking form) were required for all Class I waste.

Recent Injection Data and Methodology

In 2007 the methodology of tracking and recording data was changed slightly and the following

is an explanation of how the data were collected. Also, sometime during the period of 2007 to date, a new Halliburton flow sensor was installed. This meter measures and provides the total volume and instantaneous flow rate (volume/time) in barrels/day.

Appendix C contains Key's Disposal Monthly Totals and Tubing and Casing Monitoring Log Sheets for the period January 2007 through December 2009. These reports show the following data:

Monthly Volume Sheets

- Date: year, month, day.
- Bbls/Hr, Bbls/Day, Bbls/Month, Cumulative.

Tubing and Casing Monitoring Log Sheet:

- Date: year, month, day.
- Tubing Pressure psi
- Casing Pressure psi
- Observer initials.

The procedure for recording the data was as follows:

The Monthly Total Sheet is a summary of the loads received at the facility (Barrels Taken In), barrels injected (Barrels Pumped Away), and the difference. Key and non-Key hauled loads, exempt and non-exempt loads; total loads taken in (received at the facility), and average bbl/load are also provided. Pricing structure charged for non-exempt and exempt barrels, and totals are provided.

The bbls/day is the difference between the starting and ending flow meter reading when the pump operated. The bbls/hr is calculated by taking the total bbls/day and dividing it by the number of hours the pump actually operated. The bbls/month and cumulative is a daily running total of the injected waste for the month.

The procedure for recording the pressure data was as follows:

- The tubing pressure was recorded from the Murphy pressure switch right after the injection pump was started. If the pump did not run during the day, either zero or the well tubing static pressure was recorded.
- Casing pressure was taken from the casing pressure gauge or recording pressure chart.

2007-2009 Monthly Pressure Charts:

Monthly Pressure Charts are provided in Appendix D. The recording meter ID # number is 74571 where the red line on the chart shows the tubing press and blue line shows the casing pressure. The charts are 31day charts with a range of 0-3,000 psig.

2009 Pressure Monitoring Methodology Change:

Starting in January of 2009, the way pressure reading was recorded was modified to enhance the quality of the readings. A new pressure gauge was installed in parallel to the pressure-recording chart. The chart and gauge were calibrated to read the same within their respective tolerances.

Pressures readings are now taken hourly from the tubing pressure gauge and recorded in a daily log sheet. In addition, the pressure recording charts are maintained.

The 2009 daily log sheets are included for reference as Appendix E. The maximum and average pressures are now calculated from these readings. The maximum pressure observed for the month is noted and the average pressures are calculated by summing all of the hourly pressure readings for the month divided by the number of hours the pump actually ran.

2007-2009 Key UIC-CLI-005 Injection Well Summary Reports:

Please find attached a new Excel spreadsheet form that will be used to submit the annual report data required by the permit (Appendix F). There are additional columns added to monitoring the annular volumes (required pursuant to permit condition 22.G), Murphy pressure switch cut-off test (required pursuant to permit condition 22.D), and general operational notes for each month.

These forms are retroactive for the pressures and injection volumes and provide the annual report data required for 2007-2009 years including the total lifetime injected volumes. The annular pressure injection switch and notes were not carried back, except for an occurrence on June 07, 2009. These columns will be part of the 2010 and other future reports. On June 7, 2009 the Murphy pressure switch malfunctioned and allowed pump pressure to creep up to 2,500 psig. Switch has since been replaced and redesigned.

Future Monitoring:

Key will continue to evaluate the best method of obtaining quality data and will investigate installing a data logger. OCD will be consulted if a monitoring change is proposed.

2009 Recap Summary:

The 2009-year total injected wastewater was 390,809 bbls, with 24,900 bbls being non-exempt wastewater, and a lifetime total injection volume of 12,374,617 barrels. The small amount of water injected in 2009 had a direct relationship to the current recession and downturn in the industry.

The maximum injection pressure was 2,400 psig, except as noted above on June 7, 2009. This reading exceeded the injection permit level. The minimum injection pressure is generally 100 psi above the observed wellhead static press of which ranges from about 1,700-1,850 psig dependent upon how long the pump has been idle. The average injection pressure for the year was calculated to be 2,207 psig.

1998-2009 Injection Chart:

Please find attached Key's injection volume chart (Appendix G) showing the annual injection volumes per year from 1998-2009.

Section 3 – Chemical Analyses

Historic Injection Chemical Analysis: 1997-2006:
Historical Injection chemical analysis was found by researching OCD on-line files, paper files, computer files (with OCD approval and assistance), and Key files. Key also made searches at the New Mexico Records and Archives.

As a result of this comprehensive search, Key has discovered all of the injection chemical analysis dating from 1997 to 2006. These records are several hundred pages and can now be found on OCD on-line under the UICI-005 permit "Quarterly Injection Reports" banner page, and "Monitoring Injection Reports" banner page marked 2006, 2005, 2004. Key will copy and submit these at the request of OCD.

More Recent Activity: 2007 to 2009:

After researching the files mentioned above, Key discovered that several of the chemical analysis were actually located in another file. They were located in Key's Surface Waste Management file, NM1-9, which is an associated facility of the injection well.

OCD has always had different permit writers for the two facilities. Some time ago, Key had requested they be allowed to send in one submittal for the both facilities. OCD allowed this approach and the internal OCD "SOP" was for the permit writer of the SWM facility to break out the injection reports and give it to the UICI-005 permit writer. Apparently, this system broke down and some of the chemical injection records were not transferred to the proper file.

Key was able to find the following records, attached herein as Appendix H, for the period between 2007 and 2008.

Chemical Analysis:

April 13, 2007---	Injection Well water sample report by EnviroTech Labs.
July 3, 2007---	Injection Well water sample report by EnviroTech Labs.
April 23, 2008---	Injection Well water sample report by EnviroTech Labs.
June 3, 2008---	Injection Well water sample report by EnviroTech Labs.
June 17, 2008---	West Leak Detector, TCLP Main Pond.
July 29, 2008---	Injection Well water sample report by EnviroTech Labs.

This data is summarized in Tables 1 through 3 of Appendix H.

In addition, Key did an extensive search of C-138 records, which is a non-exempt waste tracking form and mechanism to make sure Class I non-exempt waste accepted at the facility is non-hazardous. Key and OCD have literally hundreds of these documents demonstrating the characteristics of the injection fluids.

Once Key discovered there was an issue of required submittals, it immediately collected injection water samples on April 12, 2010 and had them analyzed. The tabulated results and supporting laboratory reports are contained in Appendix H.

In the 2008 and 2009 years, over 66% of all the waste injected at the facility was non-exempt waste that was accompanied by a C-138, with extensive analytic data demonstrating the characteristics of the waste. While the permit only required four, it is obvious that the amount of analytical testing performed was considerably more than what was required in the permit.

Key feels it is important to supply some selected examples demonstrating that the characteristics of the injection fluids are well represented and meets the intent of the permit. Therefore, please find attached copies of several C-138's with analyticals for the years 2007-2010. These reports are included as Appendix I.

Section 4 – Mechanical Integrity Testing

The Mechanical Integrity Test (MIT) for 2009 was conducted on September 19, 2009. Appendix J contains the Bradenhead Test Report and the MIT Report and chart. The MIT test duration was 30 minutes at 620 psi. During the Bradenhead test, the tubing pressure was 1,550 psi. The casing pressure was 310. No pressure was recorded at the Bradenhead.

Section 5 – Deviations from Normal Production Methods

The only reported deviation for 2009 was the annual Fall-Off Test performed on September 8, 2009. The Fall-Off Test is further discussed in Section 9.

Section 6 – Expansion Tank Monitoring, Fluid Removal/Addition, Well Problems, Drinking Water Impacts, and Leak and Spill Reports

Expansion tank monitoring pressure, fluid removals/additions

A pressure gage and the continuous pressure recording chart meter monitor the injection well annulus. The results are included in the annular summary, see Section 3. Currently, this well does not have a pressure controlled volumetric measuring tank. Plans are being developed to install this device.

Well Problems

On June 7, 2009 the Murphy pressure switch malfunctioned and allowed the injection well tubing pressure to oscillate up to 2,500 psig. The switch has since been redesigned and replaced. Previously, the Murphy switch was connected to the pump discharge by ridged pipe. Vibrations through the pipe allowed the high level cut off pressure switch to oscillate above the permit level of 2,400 psi. The Murphy switch has been replaced and is now connected to the pump discharge by a hose to reduce vibration. Appendix K contains three photographs of the new configuration. The first photograph shows the Murphy switch/hose configuration. The second photograph provides a close up of the new Murphy switch indicating the pressure limits. The last photograph shows the case for the Murphy switch. The case can be closed and secured to prevent tampering.

Drinking water impacts

There are no known drinking water impacts caused by the UICI-005 Injection well operations.

Leaks and spill reports;

In 2009 there were no reportable leaks or spills. Any reportable or non-reportable spill is cleaned up pursuant to OCD guidance and rules. Liquid wastewater is disposed of down-hole in the injection well. Any solid or oily waste is disposed of at an approved OCD site.

De-minimis drips are currently being handled by placing portable catch buckets under hose connections. When the temporary storage tanks are cleaned out, they are purged into a temporary catch tank and then pumped out for disposal.

Section 7 – Groundwater Monitoring

The UICI-005 injection facility does not have groundwater monitoring at this site. There are no planned or intentional discharges of water contaminants that may move directly or indirectly into groundwater. Any unintentional discharge, leak, spill, or drip is handled pursuant to the permit conditions.

Section 8 – Area of Review Update Summary

An extensive one mile AOR update review was conducted for the Key Farmington "Old Sunco" Class I Injection well, OCD permit # UIC-CLI-005 (I-005), located in UL E (1595 FNL & 1005 FWL) of Section 2-Ts29n-R12w. The well presently injects into the Point Lookout formation of the Mesa Verde Group at an interval of 4380-4480 ft bgl. Supporting documentation for the AOR summary is contained in Appendix L.

Key used OCD records and limited field verification to confirm wells in the adjacent sections, which were in, or located in close proximately to the one mile AOR of the Key injection well.

Using OCD on-line downloads, a well status list was constructed, listing wells meeting the above criteria. The list shows API#, Operator well name, UL, Section, Township and Range, footages, wells within one mile, well depth (ft) i.e. Injection/Production interval, casing program status, casing/ cementing status, and corrective action required status.

There were 43 wells located within these adjacent sections. Within a one-mile radius of the injection well, there were 31 wells found, while seven of the 31 identified actually penetrated the Point Lookout Formation injection zone. Please refer to the 2009 UICI-005 AOR Annual Review-Section Plot Plan attached herein. This comprehensive list was formulated to provide a baseline for future AOR studies.

Every well identified was researched using OCD online records. Wells that did not penetrate the injection zone were given a cursory review to determine if the well depth had changed, and to determine the current well status, i.e. were the wells active or plugged and abandoned.

Wells that did penetrate the injection zone were studied in greater detail. Each of the seven well's casing programs was studied and the following are the findings of these studies.

The AOR findings are as follows:

API # 30-045-08851: The BP-Allen A-1, according to OCD records, is located 790 FNL & 790 FWL of Section 1-Ts29n-R12w. It is shown to be located approximately one mile to the ENE of the UICI-005 injection well. This well was drilled in 1961 with surface casing set at 265 ft bgl and cement circulated to the surface. A production string was run and set at 6786 ft bgl and cemented with 250 sacks.

In 1993 and 2002, substantial remedial work was performed to seal the production casing at different depths. The 2002 report shows that the casing was sealed in a zone between 4,023 ft bgl and 4,055 ft bgl. In addition, the Picture Cliffs Formation was sealed off above. The well reports and remedial procedures are attached for review.

Conclusions: The OCD reports indicate that the well casing was squeezed off inside and outside of the production string slightly above the Point Lookout Formation which appears to start at about 4,250 ft bgl in this location. The 2007 UICI-005 permit originally had a corrective action requirement for this well. That requirement has since been rescinded by OCD. There have been no reported or noted issues concerning this well in reference to the UICI-005 injection well.
Corrective actions: While physical corrective actions are not required at this time, Key proposes to continue the scrutiny on this well and will report again in 2010.

API # 30-045-08712: The Burlington-McGrath A-1, according to OCD records, is located 1720 FSL & 990 FEL of Section 3-Ts29n-R12w. It is shown to be located approximately 1/2 mile to the SW of the UICI-005 injection well. This well was drilled in 1964 with surface casing set at 300 ft bgl and cemented with 250 sacks. A production string was run and set at 6,710 ft bgl and cemented with 500 sacks. The well reports and remedial procedures are attached for review.

Conclusions: The OCD reports indicate that the intent was to set a DV tool at the base of Mesa Verde and cement through the Picture Cliffs using 800 sacks. The completion reports indicated the production string used only 500 sacks of cement, while this would be enough cement to cover the Point Lookout Formation injection zone there is some question as to where the TOC

(top of cement) is actually located. There have been no reported or noted issues concerning this well in reference to the UICI-005 injection well.

Corrective actions: None Required.

API # 30-045-13092: The BP-Cornell C-1, according to OCD records, is located 990 FNL & 990 FWL of Section 11-Ts29n-R12w. It is shown to be located approximately 1 mile to the south of the UICI-005 injection well. This well was drilled in 1962 with surface casing set at 250 ft bgl and cemented with 150 sacks. A production string was run and set at 6,604 ft bgl and cemented with 300 sacks. A casing leak was repaired in 2006 at about 2,017 ft bgl. The well reports and remedial procedures are attached for review.

Conclusions: The 2007 UICI-005 permit originally had a corrective action requirement for this well. That requirement has since been rescinded by OCD. The OCD reports shows a well diagram indicating this well is cemented to the surface on all casing strings. The drawing should be correlated with the cement calculation. There have been no reported or noted issues concerning this well in reference to the UICI-005 injection well.

Corrective actions: While physical corrective actions are not required at this time, Key proposes to continue the scrutiny on this well and will report again in 2010.

API # 30-045-08945: The Burlington-McGrath C-1, according to OCD records, is located 870 FSL & 1190 FEL of Section 34-Ts29n-R12w. It is shown to be located approximately 1/2 mile to the NW of the UICI-005 injection well. This well was drilled in 1963 with surface casing set at 323 ft bgl and cemented with 225 sacks. A production string was run and set at 6,637 ft bgl and cemented with 925 sacks. The well reports and remedial procedures are attached for review.

Conclusions: The OCD reports indicate this well is cemented to the surface on all casing strings. There have been no reported or noted issues concerning this well in reference to the UICI-005 injection well.

Corrective actions: None required.

API # 30-045-08946: The Holcomb O&G-Carnahan, according to OCD records, is located 990 FSL & 990 FEL of Section 35-Ts29n-R12w. It is shown to be located approximately 3/4 mile to the NE of the UICI-005 injection well. This well was drilled in 1960 with surface casing set at 301 ft bgl and cemented with 200 sacks. A production string was run and set at 6760 ft bgl and cemented with 250 sacks. The well was plugged and abandoned in 1971. The well reports and remedial procedures are attached for review.

Conclusions: The OCD reports indicate the casing was cut and pulled with several plugs placed in the open hole. There have been no reported or noted issues concerning this well in reference to the UICI-005 injection well.

Corrective actions: No physical corrective actions are required at this time; however, Key will consult with OCD concerning the adequacy of the well plugs.

API # 30-045-11770: The Burlington-Hudson J-3, according to OCD records, is located 1750 FNL & 990 FWL of Section 35-Ts29n-R12w. It is shown to be located approximately 1 mile to the north of the UICI-005 injection well. This well was drilled in 1966 with surface casing set at 306 ft bgl and cemented with 250 sacks. A production string was run and set at 6750 ft bgl and cemented with 700 sacks. This well has been recompleted as a Basin-Fruitland Coal well in 2001. The well reports and remedial procedures are attached for review.

Conclusions: The OCD reports indicate this well was originally permitted and drilled to a depth of 6750 ft bgl and more recently, re-completed as a Basin-Fruitland Coal well in 2001. There have been no reported or noted issues concerning this well in reference to the UICI-005 injection well.

Corrective actions: Key will contact OCD to determine if the Point Lookout Formation was properly cemented off during the re-completion.

API # 30-045-25844: The Marrion O&G-Carnaham COM #2, according to OCD records, is located 1090 FSL & 1070 FEL of Section 35-Ts29n-R12w. It is shown to be located approximately 3/4 mile to the NE of the UICI-005 injection well. This well was drilled in 1984 with surface casing set at 230 ft bkb (below kelly bushing) and cemented with 170 sacks. A production string was run and set at 6,777 ft bkb and cemented with 1100 sacks.

Conclusions: The OCD reports indicate this well is cemented to the surface on all casing strings. There have been no reported or noted issues concerning this well in reference to the UICI-005 injection well.

Corrective actions: None required.

2009 AOR Summary:

There were no new wells installed in the Area of Review (AOR) that penetrated the injection zone during 2009.

Section 9 – MIT and Fall-Off Tests

Summary and Interpretation – There were no well interventions performed between 2008 and 2009. The pressure tests confirmed that the casing, tubing and packer have good mechanical integrity and thus all injected fluids are being contained within the permitted injection interval. The Fall-Off data, based on the log-log pressure derivative plot "match", showed the best fit of the test data matched a "homogeneous reservoir with a finite conductivity fracture and a constant pressure boundary". This match is reassuring considering that this well was initially hydraulically fractured and the well has had good Injectivity since 1994. The test was dominated by radial flow. The reservoir is quite homogeneous as there are no anomalous pressure diversions seen in the pressure data. The increase in slope seen at 25-hours after shut-in was also observed in the 2008 test. This slope change is indicative of a boundary where radial flow is limited in some particular direction. Although there is not sufficient subsurface control to determine the extent or shape of the injection zone surrounding the well the indicated boundary is not restricting injection into the remainder of the reservoir's storage volume. The subsequent flattening of the derivative slope indicates no other reservoir limits were seen during the test.

Conclusions – the calculated reservoir parameters from the 2007- 2009 tests are shown below. The results are very reasonable and congruent with the operating history of the well. To date over 13 million barrels have been disposed into the permitted zone. Based on these annual tests we believe that the reservoir volume is sufficiently large to hold many more millions of barrels before fill-up would occur. The stability of the calculated reservoir pressure since 2007 supports this conclusion.

Parameter	2009 Results	2008 Results	2007 Results
Reservoir pressure	3242 psig	3176 psig	3258 psig
Permeability	10.2 md	20.7 md	17.5 md
Skin	-7.23	-6.79	-6.93
Fracture half-length	926 ft	596 ft	688 ft
Boundary	755 ft	987 ft	None seen
Radius of Investigation	1250 ft	1760 ft	1620 ft

Recommendations - The fall-off data from the last three annual tests has essentially been an overlay. The shape of the log-log derivative plots in each case have matched and indicated the same reservoir model type. Nothing alarming – to indicate a potential for out-of-zone injection – has been discovered from the reservoir interpretation. Surface injection pressures are kept below the apparent fracture initiation point seen in the 2007 Step-Rate Test.

Section 10 – Annual Facility Training

Key provides annual training for facility operation personnel on an annual basis. This annual training is not specific to the operation of this facility and covers requirements for Spill Prevention, Control, and Countermeasures (SPCC), elements required by National Pollutant Discharge Elimination System (NPDES) permits, and Key environmental policies. Key will prepare a compliance plan designed specifically for this facility and implement training by the end of 2010. A copy of this plan will be provided in the 2010 Annual Report.

Section 11 – Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Dennis Douglas
Vice President – Fluids Management Services

Date: June 28, 2010

APPENDICES

Appendix A

Key UICI-005 Class I Disposal Well Chronological Report

Appendix B

Monthly Well Injection Reports for the Period from October 1997 through December 2006

Appendix C
Key's Disposal Monthly Totals and Tubing and Casing Monitoring Log Sheets January 2007 through December 2009

Appendix D

2007-2009 Monthly Pressure Charts

Appendix E

2009 Daily Log Sheets

Appendix F

New Excel Spreadsheet

Appendix G

Annual Injection Volumes 1998-2009

Appendix H

Summary Tables and Chemical Analysis Data

Appendix I

C-138's and Analytical Data
2007-2010

Appendix J

Bradenhead Test Report and MIT Report with chart

Appendix K

Photographs of Murphy Switch Configuration

Appendix L

Supporting Documentation for the AOR

APPENDIX A

Key UIC-5 Class I Disposal Well Chronologic Report

Jan 13, 1992:

Coleman Oil & Gas Inc. ADM Order SWD-457 permit issued for the Sunco Disposal Well #1 located UL E-Sec 2-Ts29N-Rg12W San Juan Co. NM.

Conditions:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 868 psi.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Point Lookout member of the Mesaverde formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Aztec district office of the Division of the date and time of the installation of disposal equipment, of the mechanical integrity test, so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Aztec district office of the Division of the failure of the tubing, casing or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

PROVIDED FURTHER THAT, jurisdiction of this cause is hereby retained by the Division for such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which will ensure the protection of fresh water or in a manner inconsistent with the requirements set forth in this order, the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly reports of the disposal operations in accordance with Rule 706 and 1120 of the Division Rules and Regulations.

Approved at Santa Fe, New Mexico, on this 13th day of January, 1992.

Jan 19, 1993:

OCD approved pressure increase to 1350 psig.

Dec 22, 1993:

OCD approved pressure increase to 2850 psig.

Jan 24, 1996

OCD notifies Coleman Oil and Gas C/o Sunco Trucking that accepting Class I refinery waste is prohibited unless the facility obtains a Class I permit for the well.

Feb 01, 1996:

Coleman Oil and Gas C/o Sunco Trucking (GW-235) applies for reclassification of Injection well from Class II to Class I.

Site has noted Evaporation pond.

Feb 07, 1996

OCD issues temporary approval of Class I waste injection without permit, but with conditions:

1) Maximum Injection Pressure: The maximum operating pressure at the wellhead will be 2,850 psi in accordance with OCD Order SWD-457. A minimum of 100 psi will be maintained on the casing-tubing annulus.

2) Continuous Monitoring: Continuous monitoring and recording devices will be installed and records made of injection pressure, flow rate, flow volume, and annular pressure. Records are to be maintained at Coleman for a period of not less than five years.

3) Wastes Permitted for Injection: Injection will be limited to fluids as permitted under OCD Order SWD-457, and a one time injection of the non-exempt fluids accepted by Giant Refining Company-Bloomfield. No other Class I non-exempt fluids will be accepted for injection unless a discharge plan reclassifying the Class II well to a Class I well is approved by the OCD.

Aug 26, 1996

OCD issues to Coleman Oil and Gas Inc. C/o Sunco Trucking (GW-235) UIC-5 discharge permit with conditions:

The discharge plan UIC-CLI-005 for the Coleman Oil and Gas (Coleman) Class I non-exempt non-hazardous oil field waste disposal well located in unit letter E, Section 2, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The application consists of the original New Mexico Oil Conservation Division (OCD) Order SWD-457 issued January 13, 1992, the discharge plan application for a Class I disposal well dated May 6, 1996, and supplemental information dated May 13, 1996 and June 21, 1996. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the OCD Santa Fe Office within five working days of receipt of this letter.**

ATTACHMENT TO DISCHARGE PLAN UIC-CLI-005 APPROVAL
COLEMAN OIL AND GAS, INC., CLASS I WELL
DISCHARGE PLAN REQUIREMENTS

1. Payment of Discharge Plan Fees: The $50 dollar filing fee is due upon receipt of this approval. The $1,380 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. Coleman Commitments: Coleman will abide by all commitments submitted in the discharge plan application dated May 6, 1996, and supplemental information dated May 13, 1996 and June 21, 1996, and OCD Order SWD-457.

3. Maximum Injection Pressure: The maximum operating injection pressure at the wellhead will be 2,850 psi in accordance with OCD Order SWD-457. The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 2,850 psi. The pressure limiting device shall annually be demonstrated to operate to the satisfaction of the OCD.

   Coleman shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the ground surface.

4. Mechanical Integrity Testing: In accordance with OCD testing procedures, a mechanical integrity test will be conducted on the well annually and any time the tubing is pulled or the packer is reseated. A pressure recorder will be used and copies of the chart submitted to the OCD Santa Fe Office and the OCD Aztec District Office within 30 days following the test date. The OCD will be notified prior to the test so that they may witness the test. Mechanical integrity testing charts will be maintained at Coleman for the life of the well

5. Annulus: The casing-tubing annulus will be filled with an inert fluid and a minimum pressure of 100 psi maintained.

6. Continuous Monitoring and Recording: Continuous monitoring and recording devices will be installed and mechanical charts made of injection pressure, flow rate, flow volume, and annular pressure. Mechanical charts are to be maintained at Coleman for the life of the well.

7. Maintenance Records: All routine maintenance work on the well will be recorded and maintained at Coleman for the life of the well.

8. Wastes Permitted for Injection: Injection will be limited to fluids as permitted under OCD Order SWD-457, and non-exempt non-hazardous oil field wastes as permitted under the OCD 711 facility for Sunco Trucking Water Disposal Company. All non-exempt non-hazardous oil field waste will be tested for the constituents listed below in number 9. Under the OCD 711 permit, all non-exempt non-hazardous oil field waste require approval from the OCD prior to acceptance and disposal. OCD Form C-138 shall be used to request prior approval for acceptance and disposal.

9. Chemical Analysis of Injection Fluids: The following analyses of injection fluids will be conducted on a quarterly basis:

   a. Aromatic and halogenated volatile hydrocarbon scan by either EPA method 8010/8020 or EPA method 8240.

   b. General water chemistry to include calcium, potassium, magnesium, sodium, bicarbonate, carbonate, chloride, sulfate total dissolved solids (TDS), pH, and conductivity.

   c. Heavy metals using the ICAP scan (EPA method 6010) and Arsenic and Mercury using atomic absorption (EPA methods 7060 and 7470).

   Records of all analyses will be maintained at Coleman for the life of the well.

10. Quarterly Reporting: The following reports will be signed and certified in accordance with WQCC section 5101.H. and submitted quarterly to both the OCD Santa Fe and Aztec Offices:

    a. Results of the chemical analysis of the injection fluids (number 9).

    b. Monthly average, maximum and minimum values for injection pressures; flow rate and flow volume; and, annular pressure.

    c. Monthly volumes of injected Class I non-exempt non-hazardous oil field waste (OCD Form C-138).

11. Monthly Reporting: Monthly reporting of the disposal of produced water will be in accordance with OCD Rule 1115 which requires monthly submittal of OCD Form C-115 to the OCD Santa Fe Office.

12. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets must also be stored on an impermeable pad with curbing.

13. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

14. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities associated with the well or modifications to existing facilities associated with the well must place the tank on an impermeable type pad within the berm.

15. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

16. Labeling: All tanks, drum, and other containers should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

17. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps.

18. Underground Process/Wastewater Lines: All underground process/wastewater, and brine transfer pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years there after. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD.

19. Well Workover Operations: OCD approval will be obtained from the Director prior to performing remedial work or any other workover. Approval will be requested on OCD Form C-103 "Sundry Notices and Reports on Wells" (OCD Rule 1103.A.) with appropriate copies sent to the OCD Aztec District Office.

20. Housekeeping: All systems designed for spill collection/prevention, and leak detection will be inspected daily to ensure proper operation and to prevent overtopping or system failure.

21. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116. and WQCC 1203. to the OCD Aztec District Office.

    Coleman shall immediately notify the Supervisor of the Aztec District Office and the Environmental Bureau of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

22. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of the well. A written commitment to comply with the terms and conditions of the previously approved discharge plan and a bond must be submitted by the purchaser and approved by the OCD prior to transfer.

23. Closure: The OCD will be notified when operations of the well are discontinued for a period in excess of six months. Prior to closure of the well a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

24. Plugging Bond and /or Letter of Credit: Coleman shall have in effect, for the life of the well, a Division approved plugging bond and/or letter of credit for the estimated amount required to plug the well according to the proposed closure plan and adjusted for inflation. The required plugging bond and/or letter of credit shall be adjusted at the time of discharge plan renewal.

25. Training: All personnel associated with operations at the Coleman Class I disposal well will have appropriate training in accepting, processing, and disposing of Class I non-exempt non-hazardous oil field waste to insure proper disposal. All training documentation shall be maintained at Coleman for the life of the well.

26. OCD Inspections: Additional requirements may be placed on the well and associated facilities based upon results from OCD inspections.

27. Certification: Coleman Oil and Gas, Inc., by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Coleman Oil and Gas, Inc. further acknowledges that these conditions and requirements of this permit modification may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

COLEMAN OIL AND GAS, INC.

by_____
Title

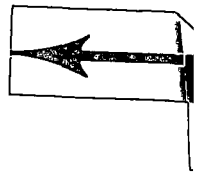
Mar 20, 1997:

OCD approves an amendment #4.

4. Annulus: Until the facility operates 24 hours per day, the casing-tubing annulus will be completely filled with an inert fluid and connected to a casing differential tank with the same inert fluid to maintain a constant casing-tubing fluid level in the annulus at all times. A sight glass will be installed on the casing differential tank to monitor and record, on a daily basis, for tubing or casing leaks. Once 24 hour operation begins, the casing-tubing annulus will be completely filled with an inert fluid and a minimum pressure of 100 psi maintained. Any loss or gain of inert fluid will be documented and reported to the OCD Aztec District Office immediately.

Sept 08, 1997:

OCD approves transfer of facility UIC-5 from Coleman Oil and Gas C/o Sunco Trucking to Key four Corners Inc. (Key).



GW-235 is now missing? No OCD records are available. GW-235 may have been for the Evaporation Pond which may have became part of the SWM -9.

Same conditions with:

Please be advised that all tanks exceeding 16 feet in diameter and exposed pits, ponds or lagoons must be screened, netted or otherwise rendered nonhazardous to migratory birds. Upon written application by the permittee, an exception to screening, netting, or covering may be granted by the district supervisor upon a showing that an alternative method will protect migratory birds or that the facility is not hazardous to migratory birds. In addition, OCD Rule 310 prohibits oil from being stored or retained in earthen reservoir, or in open receptacles.

Jan 15, 2002:

OCD issues Key a DP renewal for UIC-5 with conditions:

The original Order SWD-457 was issued January 13, 1992, the discharge plan was approved on August 26, 1996 by the OCD with an expiration date of August 26, 2001. The discharge plan renewal application dated April 18, 2001 submitted pursuant to Section 5101.B 3. of the New Mexico Water Quality Control Commission (WQCC) Regulations also includes all earlier applications and all conditions later placed on those approvals. The discharge plan renewal application was submitted pursuant to Section 5101.B 3 of the New Mexico Water Quality Control Commission (WQCC) Regulations. The discharge plan is renewed pursuant to Section 5101 A and 3109 C Please note Section 3109.G , which provides for possible future amendment of the plan Please be advised that approval of this plan does not relieve Key of responsibility should operations result in pollution of surface water, ground water or the environment Nor does it relieve Key of its responsibility to comply with any other governmental authority's rules and regulations.

Please be advised that all exposed pits, including lined pits and open top tanks (exceeding 16 feet in diameter) shall be screened, netted, or otherwise rendered non-hazardous to wildlife including migratory birds

ATTACHMENT TO DISCHARGE PLAN UIC-CLI-005 APPROVAL
KEY ENERGY SERVICES, INC., CLASS I WELL
API No. 30-045-28653
SW/4 NW/4 Section 2, Ts 29 N, R 12 West
SAN JUAN COUNTY, NEW MEXICO
DISCHARGE PLAN APPROVAL CONDITIONS
January 15, 2002

1 Payment of Discharge Plan Fees The $100 dollar filing fee has been paid. The $4500.00 flat fee shall be submitted upon receipt of this approval The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval

2. Commitments: Key will abide by all commitments submitted in the discharge plan renewal application dated April 18, 2001, all previous commitments including OCD Order SWD-457 and these conditions for approval

3 Maximum Injection Pressure The maximum operating injection pressure at the wellhead will be 2850 psi in accordance with OCD Order SWD-457 The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 2850 psi The pressure limiting device shall annually be demonstrated to operate to the satisfaction of the OCD.

Key shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the ground surface

4 Mechanical Integrity Testing: In accordance with OCD testing procedures, a mechanical integrity test will be conducted on the well annually and any time the tubing is pulled or the packer is reseated An approved pressure recorder will be used and copies of the chart submitted to the OCD Santa Fe Office and the OCD Aztec District Office within 30 days following the test date The OCD will be notified prior to the test so that they may witness the test Mechanical integrity testing charts will be maintained at Key for the life of the well

5 Annulus Key shall install and maintain pressure controls and continuous monitoring devices pursuant to WQCC NMAC 20 6 2 5207 B.2.

6 Continuous Monitoring and Recording Continuous monitoring and recording devices will be installed and mechanical charts made of injection pressure, flow rate, flow volume, and annular pressure Mechanical charts are to be maintained at Key for the life of the well.

7 Maintenance Records. All routine maintenance work on the well will be recorded and maintained at Key for the life of the well.

8 Wastes Permitted for Injection Injection will be limited to approved fluids as permitted under OCD Order SWD-457 and non-hazardous oil field waste fluids as permitted under OCD 711 permit NM-01-009 All non-exempt non-hazardous oil field waste will be tested for the constituents listed below in condition number nine (9)

9 Chemical Analysis of Injection Fluids The following analyses of injection fluids will be conducted on a quarterly basis·

a Aromatic and halogenated volatile hydrocarbon scan by EPA method 8260C GC/MS including MTBE. Semi-Volatile Organics GC/MS EPA method 8270B including 1 and 2-methylnaphthalene

b. General water chemistry to include calcium, potassium, magnesium, sodium, bicarbonate, carbonate, chloride, sulfate total dissolved solids (TDS), pH, and conductivity

c Total heavy metals using the ICAP scan (EPA method 6010/ICPMS) and Mercury using Cold Vapor (EPA method 7470)

d EPA RCRA Characteristics for Ignitability, Corrosivity and Reactivity

Records of all analyses will be maintained at Key for the life of the well

10 Quarterly Reporting. The following reports will be signed and certified in accordance with WQCC section 5101.G and submitted quarterly to both the OCD Santa Fe and Aztec Offices

a Results of the chemical analysis of the injection fluids (number 9)

b Monthly average, maximum and minimum values for injection pressures, flow rate and flow volume, and, annular pressure

c Monthly volumes of injected fluids pursuant to OCD Rule 1115

11 Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.

12 Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design

13. Above Ground Tanks All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

14 Above Ground Saddle Tanks Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure

15. Labeling: All tanks, drums and containers should be clearly labeled to identify their contents and other emergency notification information

16 Below Grade Tanks/Sumps All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must be tested to demonstrate their mechanical integrity no later than March 15, 2002 and every year from tested date, thereafter Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods The OCD will be notified at least 72 hours prior to all testing. The test results will be submitted to OCD 30 days after test has been conducted

17 Underground Process/Wastewater Lines All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity no later than March 15, 2002 and every 5 years, from tested date, thereafter Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD The OCD will be notified at least 72 hours prior to all testing The test results will be submitted to OCD 30 days after test has been conducted

18 Well Workover Operations OCD approval will be obtained from the Director prior to performing remedial work or any other workover Approval will be requested on OCD Form C-103 "Sundry Notices and Reports on Wells" (OCD Rule 1103 A) with appropriate copies sent to the OCD Aztec District Office

19. Housekeeping All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure A record of inspections will be retained on site for a period of five years

20. Spill Reporting All spills/releases shall be reported pursuant to OCD Rule 116. and WQCC 1203. to the OCD Aztec District Office Key shall immediately notify the Supervisor of the Aztec District Office and the Environmental Bureau of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

21 Transfer of Discharge Plan The OCD will be notified prior to any transfer of ownership, control, or possession of the well and associated facilities A written commitment to comply with the terms and conditions of the previously approved discharge plan and a bond must be submitted by the purchaser and approved by the OCD prior to transfer.

22. Closure The OCD will be notified when operations of the well are discontinued for a period in excess of six months Prior to closure of the well and associated facilities a closure plan will be submitted for approval by the Director Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure

23. Plugging Bond and /or Letter of Credit Key shall have in effect a Division approved plugging bond and/or letter of credit for the estimated amount required to plug the well according to the proposed closure plan and adjusted for inflation The required plugging bond and/or letter of credit shall be adjusted at the time of discharge plan renewal.

Key shall submit a proposal to amend Bond No. U272355 to reflect the current owner and adjust for inflation Please submit for OCD approval by April 15, 2002.

24 Training All personnel associated with operations at the Key Class I disposal well will have appropriate training in accepting, processing, and disposing of Class I non-exempt non-hazardous oil field waste to insure proper disposal All training documentation shall be maintained at Key for the life of the well

25 OCD Inspections Additional requirements may be placed on the well and associated facilities based upon results from OCD inspections.

26 Storm Water Plan Submit a Stormwater run-off plan for OCD approval by April 15, 2002

27 Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261 Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis

Rule 712 Waste: Pursuant to Rule 712, disposal of certain non-domestic waste is allowed at solid waste facilities permitted by the New Mexico Environment Department as long as the waste stream is identified in the discharge plan, and existing process knowledge of the waste stream does not change without notification to the Oil Conservation Division

28. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be approved for construction and/or operation unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

29 Certification. Key Energy Services, Inc., by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Key Energy Services, Inc further acknowledges that these conditions and requirements of this permit modification may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment

Conditions accepted by: KEY ENERGY SERVICES, INC

HAL STONE
Company Representative- print name

Hal Stone Date 2-15-02
Company Representative- Sign

Title VICE PRESIDENT TRUCKING DIVISION

Aug 14, 2007:

OCD issues Key a DP renewal for UIC-5 with conditions:

Santa Fe, New Mexico 87505

1. **Payment of Discharge Plan Fees:** All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of $100.00, plus a renewal flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required $100.00 filing fee and Key Energy Services, LLC. still owes the required $4500.00 permit fee for the Class I Well.

2. **Permit Expiration and Renewal Conditions and Penalties:** Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. **The permit will expire on June 1, 2012** and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. ***Expired permits are a violation of the Water Quality Act (Chapter 74, Article 6, NMSA 1978) and civil penalties may be assessed accordingly.***

3. **Permit Terms and Conditions:** Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, Key Energy Services, LLC. must ensure that all discharges shall be consistent with the terms and conditions of the permit. In addition, all facilities shall abide by the applicable rules and regulations administered by the OCD pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-1 through 70-2-38. All injection operations related to oil and natural gas production in New Mexico are regulated under the provisions of the Oil and Gas Act, NMSA 1978, Sections 70-2-1 *et seq.* and the Water Quality Act, NMSA 1978, Sections 74-6-1 *et seq.* These Acts delegate authority for enforcement of their provisions relating to oil and natural gas drilling, production, processing, and transportation to the Oil Conservation Division (OCD) of the New Mexico Energy, Minerals and Natural Resources Department, and to the Oil Conservation Commission (OCC) and the Water Quality Control Commission (WQCC). To carry out its authority, the OCC has promulgated rules (19 NMAC) and numerous orders. Key Energy Services, LLC. shall comply with WQCC Regulations 20.6.2 *et seq.* NMAC relating to Class I Waste Disposal Wells.

4. **Key Energy Services, LLC. Commitments:** Key Energy Services, LLC. shall abide by all commitments submitted in its February 27, 2007 Discharge Plan Application and C-108 Application for

Authorization to Inject Renewal including subsequent attachments and amendments; letters and conditions herein for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and Key Energy Services, LLC. shall abide by all previous commitments of such plans and these conditions for approval.

5. **Modifications:** WQCC Regulation 20.6.2.3107.C, 20.6.2.3109 and 20.6.2.5101.I NMAC addresses possible future modifications of a permit. Key Energy Services, LLC. (discharger) shall notify the OCD of any facility expansion, production increase or process modification that would result in any significant modification in the discharge of water contaminants. The Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103 NMAC is or will be exceeded, or if a toxic pollutants as defined in WQCC Regulation 20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

6. **Waste Disposal and Storage:** Key Energy Services, LLC. shall dispose of all other non-injected wastes at an OCD-approved facility. Only oil field RCRA-exempt and non-exempt non-hazardous wastes may be disposed of by injection in an OCD Class I well. RCRA non-hazardous, exempt and non-exempt oil field wastes may be disposed of at an OCD-approved facility upon proper waste determination pursuant to 40 CFR Part 261. Any waste stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

A. **OCD Rule 712 Waste:** Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

B. **Waste Storage:** Key Energy Services, LLC. shall store all waste in an impermeable bermed area, except waste generated during emergency response operations for up to 72 hours. All waste storage areas shall be identified in the discharge permit application. Any waste storage area not identified in the permit shall be approved on a case-by-case basis only. Key Energy Services, LLC. shall not store oil field waste on-site for more than 180 days unless approved by the OCD.

7. **Drum Storage:** Key Energy Services, LLC. must store all drums, including empty drums, containing materials other than fresh water on an impermeable pad with curbing. Key Energy Services, LLC. must store empty drums on their sides with the bungs in place and lined up on a horizontal plane. Key Energy Services, LLC. must store chemicals in other containers, such as tote tanks, sacks, or buckets on an impermeable pad with curbing.

8. **Process, Maintenance and Yard Areas:** Key Energy Services, LLC. shall either pave and curb or have some type of spill collection device incorporated into the design at all process, maintenance, and yard areas which show evidence that water contaminants from releases, leaks and spills have reached the ground surface.

9. **Above Ground Tanks:** Key Energy Services, LLC. shall ensure that all aboveground tanks have impermeable secondary containment (e.g., liners and berms), which will contain a volume of at least one-third greater than the total volume of the largest tank or all interconnected tanks. Key Energy Services, LLC. shall

retrofit all existing tanks before discharge permit renewal. Tanks that contain fresh water or fluids that are gases at atmospheric temperature and pressure are exempt from this condition.

10. Labeling: Key Energy Services, LLC. shall clearly label all tanks, drums, and containers to identify their contents and other emergency notification information. Key Energy Services, LLC. may use a tank code numbering system, which is incorporated into their emergency response plans.

11. Below-Grade Tanks/Sumps and Pits/Ponds.

A. All below-grade tanks and sumps must be approved by the OCD prior to installation and must incorporate secondary containment with leak detection into the design. Key Energy Services, LLC. shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal. All existing below-grade tanks and sumps without secondary containment and leak detection must be tested annually or as specified herein. Systems that have secondary containment with leak detection shall have a monthly inspection of the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

B. All pits and ponds, including modifications and retrofits, shall be designed by a certified registered professional engineer and approved by the OCD prior to installation. In general, all pits or ponds shall have approved hydrologic and geologic reports, location, foundation, liners, and secondary containment with leak detection, monitoring and closure plans. All pits or ponds shall be designed, constructed and operated so as to contain liquids and solids in a manner that will protect fresh water, public health, safety and the environment for the foreseeable future. Key Energy Services, LLC. shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal.

C. Key Energy Services, LLC. shall ensure that all exposed pits, including lined pits and open top tanks (8 feet in diameter or larger) shall be fenced, screened, netted, or otherwise rendered non-hazardous to wildlife, including migratory birds.

D. Key Energy Services, LLC. shall maintain the results of tests and inspections at the facility covered by this discharge permit and available for OCD inspection. Key Energy Services, LLC. shall report the discovery of any system which is found to be leaking or has lost integrity to the OCD within 15 days. Key Energy Services, LLC. may propose various methods for testing such as pressure testing to 3 pounds per square inch greater than normal operating pressure and/or visual inspection of cleaned tanks and/or sumps, or other OCD-approved methods. Key Energy Services, LLC. shall notify the OCD at least 72 hours prior to all testing.

12. Underground Process/Wastewater Lines:

A. Key Energy Services, LLC. shall test all underground process/wastewater pipelines at least once every five (5) years to demonstrate their mechanical integrity, except lines containing fresh water or fluids that are gases at atmospheric temperature and pressure. Pressure rated pipe shall be tested by pressuring up to one and one-half times the normal operating pressure, if possible, or for atmospheric drain systems, to 3 pounds per square inch greater than normal operating pressure, and pressure held for a minimum of 30 minutes with no more

than a 1% loss/gain in pressure. Key Energy Services, LLC. may use other methods for testing if approved by the OCD.

B. Key Energy Services, LLC. shall maintain underground process and wastewater pipeline schematic diagrams or plans showing all drains, vents, risers, valves, underground piping, pipe type, rating, size, and approximate location. All new underground piping must be approved by the OCD prior to installation. Key Energy Services, LLC. shall report any leaks or loss of integrity to the OCD within 15 days of discovery.

Key Energy Services, LLC. shall maintain the results of all tests at the facility covered by this discharge permit and they shall be available for OCD inspection. Key Energy Services, LLC. shall notify the OCD at least 72 hours prior to all testing.

13. **Class V Wells:** Key Energy Services, LLC. shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD-regulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are considered Class V Waste Disposal Wells under the EPA UIC program. Class V wells that inject domestic waste only, must be permitted by the New Mexico Environment Department (NMED).

14. **Housekeeping:** Key Energy Services, LLC. shall inspect all systems designed for spill collection/prevention and leak detection at least monthly to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices shall be emptied of fluids within 72 hours of discovery. Key Energy Services, LLC. shall maintain all records at the facility and available for OCD inspection.

15. **Spill Reporting:** Key Energy Services, LLC. shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.5.12.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). Key Energy Services, LLC. shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

16. **OCD Inspections:** The OCD may place additional requirements on the facility and modify the permit conditions based on well emergencies, OCD inspections, and/or quarterly reporting information.

17. **Storm Water:** Key Energy Services, LLC. shall implement and maintain run-on and runoff plans and controls. Key Energy Services, LLC. shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) including any oil sheen in any stormwater run-off. Key Energy Services, LLC. shall notify the OCD within 24 hours of discovery of any releases and shall take immediate corrective action(s) to stop the discharge.

18. **Unauthorized Discharges:** Key Energy Services, LLC. shall not allow or cause water pollution, discharge or release of any water contaminant that exceeds the WQCC standards listed in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) unless specifically listed in the permit application approved herein.

An unauthorized discharge is a violation of this permit.

19. **Vadose Zone and Water Pollution:** Key Energy Services, LLC. shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require Key Energy Services, LLC. to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

20. **Additional Site Specific Conditions:**

A. Key Energy Services, LLC. shall notify the OCD within 24 hours after having knowledge of ground water pollution complaints or well problems within a 1-mile radius of SUNCO Disposal Well #1.

B. **The operator shall complete the following "Required Corrective Action" on the following two wells by February 15, 2008, and submit written verification of completion to the Environmental Bureau in the Santa Fe office of the Division.** If this required work and written verification is not completed by said date, the owner/operator shall immediately shut-in this injection well, submit to the Aztec district office of the Division a sundry notice of intent to plug and abandon with a proposed procedure and submit to the Environmental Bureau a valid closure plan.

Required Corrective Action:

Allen "A" Well No. 1 (API No. 30-045-08851) operated by BP America Production Company and located 790 feet from the North line and 790 feet from the West line of Section 1, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico.

Cornell "C" Well No. 1 (API No. 30-045-13092) operated by BP America Production Company and located 990 feet from the North line and 990 feet from the West line of Section 11, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico.

Within each of above wells, remedial cementing shall be completed, placing cement across any equivalent injection interval in the well and/or across the Point Lookout member of the Mesaverde Group, whichever is at a shallower depth. Prior to work, a cement bond log shall be run to verify all existing cement and, after completion of any work involving cementing, another cement bond log shall be run showing placement of remedial cement. All cement bond logs shall be supplied to the Division and also to BP America.

21. **Class I Injection Well(s) Construction Conditions.**
All wells, except those municipal wells injection of non-corrosive wastes, shall inject fluids through tubing with a packer set immediately above the injection zone, or tubing.

A. Construction: The tubing and packer shall be designed and maintained for the duration of expected service.

otherwise approved by the OCD. The pressure-limiting device shall monthly be demonstrated and reported quarterly to the OCD. Key Energy Services, LLC. shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the ground surface. Any pressure that causes new fractures or propagation in existing fractures or causes damage to the system shall be reported to OCD within 24 hours of discovery.

The Director of the OCD may authorize an increase in injection pressure upon demonstration by the operator of said well that such higher pressure will not result in migration of the injected fluid from the injection formation. Such demonstration shall consist of a valid step-rate test run in accordance with and acceptable to the OCD.

E. Mechanical Integrity Testing (MIT):

The owner/operator shall complete an annual casing-tubing annulus pressure test from the surface to the approved injection depth and below the depth of fresh ground water (< 10,000 ppm TDS) to assess casing and tubing integrity. The MIT shall consist of a 30-minute test at a minimum pressure from 300 to 500 psig measured at the surface. A Bradenhead test(s) shall also be performed annually along with the casing-tubing annulus test. A Bradenhead test(s) shall be performed in all annular spaces including surface casing if not cemented.

The owner/operator shall complete an annual pressure fall-off test to monitor the pressure buildup in the injection zone. The well shall be shut down for the time sufficient to conduct the test and shall be submitted to the OCD in the annual report (see Section 22K (11)).

All testing shall be performed annually or shall also be performed whenever the tubing is pulled or the packer reseated or when the injection formation will be isolated from the casing/tubing annuals. The operator shall notify the supervisor of the Santa Fe Office of the Division of the date, time and time of the installation of disposal equipment and of any MIT so that it may be inspected and witnessed.

1. General Requirements:

    a. If the testing requires a packer then casing-tubing annulus must be loaded with inert fluid 24 hours prior to testing.
    b. Have manpower and equipment available for pressure test. Wellhead shall be prepared for test and all valves and gauges should be in good working order.
    c. Pumps, tanks, external lines etc. must be isolated from the wellhead during test.
    d. A continuous recording pressure device with a 4-hour clock shall be installed on the casing-tubing annulus. The pressure range shall not be greater than 500 psig. The operator must provide proof that the pressure-recording device has been calibrated within the past 6 months.
    e. A minimum of one pressure gauge shall be installed on the casing/tubing annulus.

f. OCD must witness the beginning of test (putting chart on) and ending of test (removing chart). At the end of test, the operator may be required to bleed-off well pressure to demonstrate recorder and gauge response.
g. The Operator shall supply the following information on the pressure chart that the inspector will file in the well records:

1. Company Name, Well Name, API #, Legal Location.
2. Test Procedure with "Pass/Fail" designation..
3. Testing Media: Water, Gas, Oil, Etc.
4. Date, time started and ending.
5. Name (printed) and signature of company representative and OCD Inspector

2. Test Acceptance:

The OCD shall use the following criteria in determining if a well has passed the Mechanical Integrity Test:

a. Passes if Zero Bleed-Off during the test.
b. Passes if Final Test Pressure is within ± 10% of Starting Pressure, if approved by the OCD inspector.
c. Fails if any Final Test Pressure is greater than ± 10% of Starting Pressure. Operators must investigate for leaks and demonstrate that mechanical integrity of the well(s) by ensuring there are no leaks in the tubing, casing, or packer, and injected/produced fluids are confined within the piping and/or injection zones. Wells shall not resume operations until approved by OCD.

Note: OCD recognizes that different operations, well designs, formation characteristics and field conditions may cause variations in the above procedures. If the operator wishes to make or discuss anticipated changes, please notify the OCD for approval. All

operators are responsible to notify OCD of any procedure that may cause harm to the well system or formation. Please be advised that OCD approval does not relieve any operator of liability should operations result in pollution of surface water, groundwater, or the environment.
d. When the MIT is not witnessed by an OCD Representative and fails, the owner/operator shall notify the OCD within 24 hours after having knowledge of well MIT failure.

F. Loss of Mechanical Integrity: The operator shall report within 24 hours of discovery any failure of the casing, tubing or packer, or movement of fluids outside of the injection zone. The operator shall cease operations until proper repairs are made and receive OCD approval to re-start injection operations. In addition, any associated fresh ground water monitor wells, which exhibit anomalous static water levels, detection of elevated general chemistry constituents, public health issues, etc. shall be immediately reported to the OCD.

G. Injection Record Volumes and Pressures: The owner/operator shall submit quarterly reports of its disposal, operation and well workovers provided herein. The minimum, maximum, average flow waste injection volumes (including total volumes) and annular pressures of waste (oil field exempt/non-exempt non-hazardous waste) injected will be recorded monthly and submitted to the OCD Santa Fe Office on a quarterly basis.

The casing-tubing annulus shall contain fluid and be equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The SUNCO DISPOSAL WELL #1 shall be equipped with an expansion tank under constant 100 psig pressure connected to the casing-annulus and maintained under constant pressure. The expansion tank shall initially be filled half-full (250 gallon expansion tank) with an approved fluid to establish an equilibrium volume and fluid level. Weekly monitoring of fluid levels in the expansion tank coupled with documented additions/removals of fluids into or out of the expansion tank is required to maintain the equilibrium volume. Any loss or gain of fluids in the expansion tank shall be recorded, and if significant, reported to the OCD within 24 hours of discovery. The owner/operator shall provide the following information on a quarterly basis: weekly expansion tank volume readings shall be provided in a table in the cover letter of each quarterly report. Key shall monitor, record and note any fluid volume additions or removals from the expansion tank on a quarterly basis. In addition, any well activity (i.e., plugging, changing injection intervals, etc.) shall be conducted in accordance with all applicable New Mexico Oil Conservation Division regulations.

H. Analysis of Injected Waste: Provide an analytical data or test results summary of the injection waste water with each annual report. The analytical testing shall be conducted on a quarterly basis with any exceedence reported to the OCD within 24 hours after having knowledge of an exceedence(s).

I. Records shall be maintained at Key for the life of the well. The required analytical test methods are:

a. Aromatic and halogenated volatile hydrocarbon scan by EPA Method 8260C GC/MS. Semi-volatile Organics GC/MS EPA Method 8270B including 1 and 2-methylnaphthalene.
b. General water chemistry (Method 40 CFR 136.3) to include calcium, potassium, magnesium, sodium, bicarbonate, carbonate, chloride, sulfate, total dissolved solids (TDS), pH, and conductivity.
c. Heavy metals using the ICP scan (EPA Method 6010) and Arsenic and Mercury using atomic absorption (EPA Methods 7060 and 7470).
d. EPA RCRA Characteristics for Ignitability, Corrosivity and Reactivity (40 CFR part 261 Subpart C Sections 261.21 – 261.23, July 1, 1992).

J. Area of Review (AOR): The operator shall report within 24 hours of discovery of any new wells, conduits, or any other device that penetrates or may penetrate the injection zone within a 1-mile radius from the Class I Well. Documentation of new wells shall be added to the existing AOR information in the well file within 30 days of the discovery.

K. Bonding or Financial Assurance: The operator shall maintain at a minimum, a one well plugging bond in the amount of $95,000 or the actual amount required to plug/abandon the well pursuant to

OCD and WQCC rules and regulations. If warranted, OCD may require additional financial assurance to ensure adequate funding to plug and abandon the well or for any corrective actions.

L. Annual Report: All operators shall submit an annual report due on January 31 of each year. The report shall include the following information:

1. Cover sheet marked as "Annual Class I Well Report, name of operator, permit #, API# of well(s), date of report, and person submitting report.
2. Brief summary of Class I Well(s) operations including description and reason for any remedial or major work on the well with a copy of OCD Form C-103.
3. Production volumes as required above in 22.G. including a running total should be carried over to each year. The maximum and average injection pressure.
4. A copy of the chemical analysis as required above in 22.H.
5. A copy of any mechanical integrity test chart, including the type of test, i.e. duration, gauge pressure, etc.
6. Brief explanation describing deviations from normal production methods.
7. A copy of any expansion tank monitoring pressure, fluid removals/additions, well problems, drinking water impacts, leaks and spills reports.
8. If applicable, results of any groundwater monitoring.
9. An Area of Review (AOR) update summary.
10. Sign-off requirements pursuant to WQCC Subsection G 20.6.2.5101.
11. A summary with interpretation of MITs, Fall-Off Tests, etc., with conclusion(s) and recommendation(s).
12. Annual facility training.

23. Transfer of Discharge Permit: Pursuant to WQCC 20.6.2.5101.H Key Energy Services, LLC. and any new owner/operator shall provide written notice of any transfer of the permit in accordance with WQCC 20.6.2.3104 (Discharge Permit Required), 20.6.2.3111 (Transfer of Discharge Permit), 20.6.2.5101 (Discharge Permit and Other Requirements for Class I Non-Hazardous Waste Waste Disposal Wells, and Class III Wells). Both parties shall sign the notice 30 days prior to any transfer of ownership, control or possession of a Class I

Well with an approved discharge permit. In addition, the purchaser shall include a written commitment to comply with the terms and conditions of the previously approved discharge permit. OCD will not transfer Class I Well operations until: correspondence between the transferor and transferee is submitted along with a signed certification of acceptance by the transferee, and proper bonding or financial assurance is in place and approved by the division. OCD reserves the right to require a major modification of the permit during the transfer process.

24. Training: All personnel associated with operations at the Key Class I Disposal Well shall have appropriate training in accepting, processing, and disposing o Class I non-exempt non-hazardous oil field waste to insure proper disposal. Key or the new owner/operator for the life of the well shall maintain all training documentation.

25. Closure: The Key Energy Services, LLC. shall notify the OCD when operations of the facility are to be discontinued for a period in excess of six months. Prior to closure of the facility, the operator shall submit for OCD approval, a closure plan including a completed C-103 form for plugging and abandonment of the well(s).

Closure and waste disposal shall be in accordance with the statutes, rules and regulations in effect at the time of closure.

26. **Certification: Key Energy Services, LLC.** by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained here. **Key Energy Services, LLC.** further acknowledges that the OCD may, for good cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively.

Conditions accepted by: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Key Energy Services, LLC
Key Energy Services, LLC.- print name above

Jim D. Flynt
Company Representative- print name

Jim D. Flynt
Company Representative- signature

Title Senior Vice President

Date: 7/14/08

April 01, 2010:

OCD issues a Notice of Violation (NOV) for failing to report the required 2009 annual report.

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

[illegible]

[illegible]

[illegible]

NOTICE OF VIOLATION

[illegible] 2010

Mr. Dan Gibson
Key Energy Services, LLC
[illegible]
Midland, Texas [illegible]

VIA CERTIFIED MAIL
RETURN RECEIPT NO. 7001 1940 0004 7923 4887

Re: [illegible] Notice of Violation [illegible]
Key Energy Services, LLC Class I Non-Hazardous Oil Field Waste Disposal Well
[illegible] Disposal Well No. 1 (API No. [illegible])
1595 FNL and 1005 FWL [illegible] Section 2, T29 N, R 12W
San Juan County, New Mexico

Dear Mr. Gibson:

The New Mexico Oil Conservation Division (OCD) has not received an Annual Report or any of the various other reporting documentation required by the reporting provisions of the discharge permit for the Key Energy Services, LLC (hereafter "Key") [illegible] Disposal Well No. 1 (UICI-005). The discharge permit, issued under the New Mexico Underground Injection Control (UIC) Program, established a deadline of January 31, 2010 for Key to submit an annual report to the OCD. Because Key has failed to meet this deadline, the OCD has determined that Key is in violation of the OCD Discharge Permit (UICI-005), Water Quality Control Commission (WQCC) Regulations 20.6.2.5208 NMAC, and Federal Underground Injection Control Regulations (40 CFR 144 & 146 et seq).

New Mexico WQCC 20.6.2.1220 NMAC provides that where an operator violates the terms of a discharge permit issued pursuant to the Water Quality Act, the operator may be subject to enforcement actions including but not limited to a compliance order, penalty assessment, and action filed in District Court. You were advised via email correspondence dated September 25, 2009 from OCD Environmental Engineer Carl Chavez reminding Key of the submittal due date of its Annual Report for this site. Mr. Chavez specifically informed Key at that time that OCD was implementing a better report tracking system to monitor reports received by UIC Class I disposal well operators.

<u>**By this Notice, the OCD is hereby advising Key that is required to submit the delinquent Annual Report and any other reporting required by the terms and conditions of discharge permit UICI-005**</u>

Mr. [illegible]
Key [illegible] Services, LLC
April [illegible], 2010
Page 2

__to the OCD no later than June 30, 2010.__ The OCD is required to report [illegible] to the EPA under the Federal Fiscal Year Quarter 3 (January - March) [illegible]. Failure to comply with the June 30, 2010 deadline [illegible] and result in escalated enforcement under the Federal Significant Non-compliance designation. If [illegible] Key does not satisfy the reporting requirements of the June 30, 2010 date, it shall immediately [illegible] and shall be required to submit a C-103 to the OCD for plugging and abandonment [illegible] September 30, 2010.

Please contact Carl Chavez of my staff at (505) 476-3490 [illegible] within 14 days of receipt of this NOV to arrange the compliance and enforcement meeting at the OCD office in Santa Fe, New Mexico. It is imperative that you promptly make arrangements to meet with us if you wish to not only resolve the compliance issue but [illegible] wish to pursue the renewal of your discharge permit for this facility. If Key fails to contact the OCD within 14 days of receipt of [illegible], the OCD will assume that Key no longer wishes to seek renewal of the discharge permit for the [illegible] Disposal Well No. 1, designated [illegible].

Sincerely,

Daniel Sanchez
UIC Director

DS/cc

xc: OCD District 3 Office - Aztec
Mikal Altomare, Mikal.altomare@state.nm.us

__May 06, 2010:__

Key met with OCD staff to determine a path forward for resolution of issue. OCD requested a copy of the 2009 annual report and a comprehensive chronologic review of the permit file from the inception. OCD gave a deadline of June 30, 2010 for submittal of report.

Closure and waste disposal shall be in accordance with the statutes, rules and regulations in effect at the time of closure.

26. Certification: Key Energy Services, LLC. by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained here. **Key Energy Services, LLC.** further acknowledges that the OCD may, for good cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively.

Conditions accepted by: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Key Energy Services, LLC
Key Energy Services, LLC.- print name above

Jim D. Flynt
Company Representative- print name

Jim D. Flynt
Company Representative- signature

Title Senior Vice President

Date: 7/14/08

January 17, 2008:

OCD approves pressure increase from 1580 psig to 2400 psig. See attached E-mail.

1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3491
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/index.htm
(Pollution Prevention Guidance is under "Publications")

From: Philliber, Mark [mailto:mphilliber@keyenergy.com]
Sent: Friday, January 18, 2008 2:55 PM
To: Chavez, Carl J, EMNRD
Subject: RE: Minor Modification to UIC-CLI-005 (I-005) Discharge Plan

Thank you, Carl, we appreciate it.

Mark Philliber
SWD Compliance Coordinator
Key Energy Services, Inc.
6 Desta Drive, Suite 4400
Midland, Texas 79705
(432) 571-7203 Office
(432) 770-5064 Blackberry

-----Original Message-----
From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]
Sent: Thursday, January 17, 2008 1:48 PM
To: Patterson, Bob
Cc: Philliber, Mark; EverQuest@nts-online.net; Jones, William V., EMNRD; Price, Wayne, EMNRD; Perrin, Charlie, EMNRD
Subject: Minor Modification to UIC-CLI-005 (I-005) Discharge Plan

Dear Mr. Patterson:

Re: Class I Injection Well Discharge Permit SUNCO Disposal Well #1 UIC-CLI-005 (I-005)
Class I Non-Hazardous Oil Field Waste Disposal Well
SUNCO Disposal Well #1, API No. 30-045-28653
1595 FNL and 1005 FWL UL: E Section 2, T 29 N, R 12 W
San Juan County, New Mexico

The New Mexico Oil Conservation Division (NMOCD) hereby approves this "Minor Modification" to Key Energy Services, LLC.'s current Discharge Plan with the following conditions:

1) The additional corrective actions under Section 20(B) is hereby changed from February 15, 2008 to June 21, 2008.

2) The daily rate of injection volume under Section 22(C) shall not exceed 4,000 bbl. per day of injected wastes into the Point Lookout Formation, which is considered to be in a "fractured flow" condition. The operator shall not increase growth in the existing Fracture(s).

3) The maximum injection pressure under Section 22(D) is hereby increased from 1580 psig to 2,400 psig.

The NMOCD will attach this "Minor Modification" to the current Discharge Plan. Thank you for your cooperation in this matter. Please contact me if you have questions.

January 20-21, 2009:

OCD Aztec office inspects injection well and notifies Santa Fe Office that well shut-in pressure (1800-1875 psig) is above allowed permit injection limit of 1580 psig.

OCD Santa Fe Environmental Bureau requested Key to shut-in well. See attached E-mail.

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Thursday, January 22, 2009 8:21 AM
To: 'Gibson, Dan'
Cc: Jones, William V., EMNRD; Price, Wayne, EMNRD; Perrin, Charlie, EMNRD; Kuehling, Monica, EMNRD
Subject: Key Energy Services, LLC Key- Sunco Trucking Company Well No. 1 (UICI-005)

KEY ENERGY SERVICES, LLC.	Key-SUNCO TRUCKING COMPANY Well #1 CLASS I (GW-235)	30-045-28653	-2-29 N-12 W	I-5	San Juan

Dan:

Re: Injection Pressure Problem

Inspector Kuehling (OCD-Aztec) contacted OCD Santa Fe during an inspection on 1/20/2009, and after noticing the shut-in injection pressure of the above well was at about 1875 psig.

Per our telephone conversation yesterday, Key Energy Services, LLC (Key) has voluntarily shut-in the well to determine the cause of the pressure problem. The well is permitted for a maximum surface injection pressure of 1580 psig. However, the well shut-in pressure range is currently from 1800 – 1875 psig. It is the OCD's understanding that Key operates the injection well during the evening hours.

Please notify the OCD to discuss the cause of the problem when determined, and in advance of start-up of injection operations. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3491
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/index.htm
(Pollution Prevention Guidance is under "Publications")

January 22, 2009

Key re-starts injection well after OCD acknowledges that the allowed permitted injection pressure was 2400psig.

or the environment. In addition, NMOCD approval does not relieve Key Energy Services, LLC. of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3491
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/index.htm
(Pollution Prevention Guidance is under "Publications")

From: Kuehling, Monica, EMNRD
Sent: Thursday, January 22, 2009 7:48 AM
To: Chavez, Carl J, EMNRD
Subject: Key-Sunco disposal well

Good morning Carl,

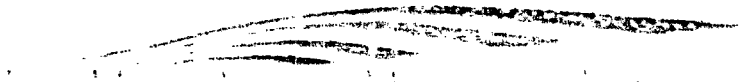
This is just to show that an e-mail was sent in January of last year giving Key the ability to inject up to 2400 lbs.

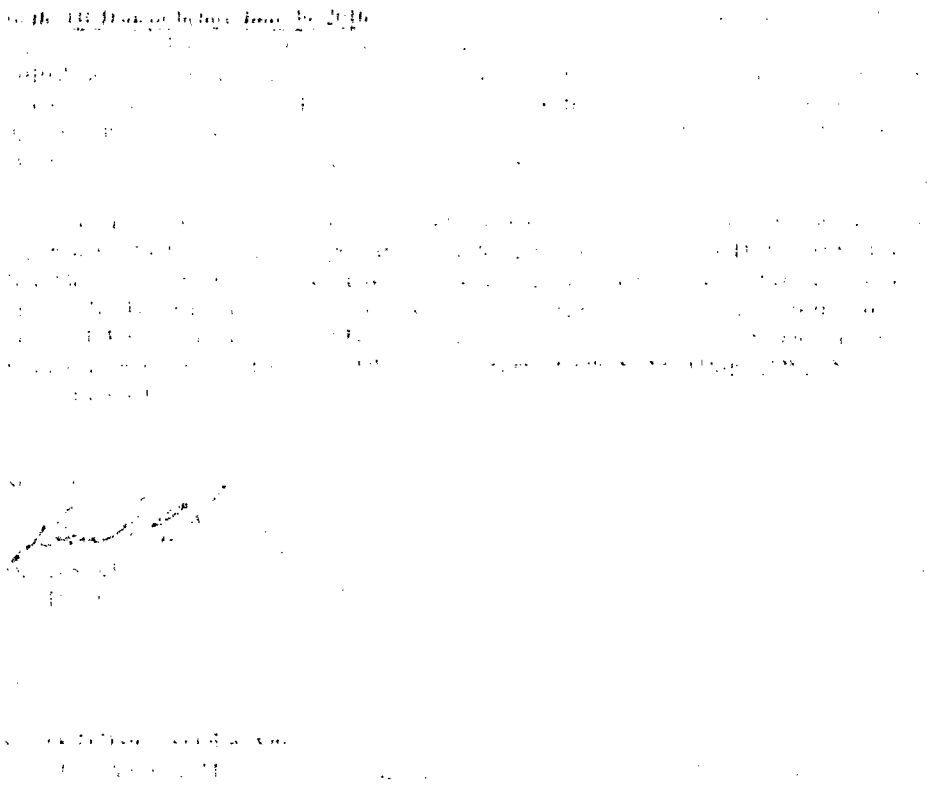
Have a great day

Monica

April 01, 2010:

OCD issues a Notice of Violation (NOV) for failing to report the required 2009 annual report.





May 06, 2010:

Key met with OCD staff to determine a path forward for resolution of NOV issue. OCD requested a copy of the 2009 annual report and a comprehensive chronologic review of the permit file from the inception. OCD gave a deadline of June 30, 2010 for submittal of report.

June 02, 2010

OCD issues a minor modification to the existing permit UIC-5. E-mail attached.

"Gibson, Dan" <dgibson@keyenergy.com>
RE: Key Energy Services, L.L.C. OCD Discharge Permit "Minor Modification" (UICI-005)
June 3, 2010 12:03:30 PM MDT
"Chavez, Carl J, EMNRD" <CarlJ.Chavez@state.nm.us>
"Molleur, Loren" <lmolleur@keyenergy.com>, "VonGonten, Glenn, EMNRD" <Glenn.VonGonten@state.nm.us>, "Altomare, Mikal, EMNRD" <Mikal.Altomare@state.nm.us>, "Perrin, Charlie, EMNRD" <charlie.perrin@state.nm.us>
1 Attachment, 1.4 KB

Mr. Chavez:

I will review this and call you if I have any questions.

Thank you

Daniel K. Gibson, P.G. | **Key Energy Services, Inc.** | Corporate Environmental Manager
6 Desta Drive, Suite 4400, Midland, TX 79705| o: 432.571.7536 | c: 432.638-6134 | e: dgibson@keyenergy.com

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]
Sent: Thursday, June 03, 2010 12:46 PM
To: Gibson, Dan
Cc: Molleur, Loren; VonGonten, Glenn, EMNRD; Altomare, Mikal, EMNRD; Perrin, Charlie, EMNRD
Subject: FW: Key Energy Services, L.L.C. OCD Discharge Permit "Minor Modification" (UICI-005)

Mr. Gibson:

Please find below the OCD's "Minor Modification" for the current discharge permit (UICI-005) subsequent to the Notice of Violation (NOV) meeting of May 6, 2010.

This correspondence will be placed with the permit under the Administrative Record on OCD Online. Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/index.htm
(Pollution Prevention Guidance is under "Publications")

From: Altomare, Mikal, EMNRD
Sent: Wednesday, June 02, 2010 4:12 PM
To: Chavez, Carl J, EMNRD
Subject: Key Minor Modification -- Final Draft

Dear Mr. Gibson:

The New Mexico Oil Conservation Division (OCD) hereby approves this "Minor Modification" of Key Energy Services, L.L.C.'s current Discharge Permit *(UICI-005)* for the following sections:

- **Section 20B:**
  - Pursuant to the previously-issued "Minor Modification" of this permit (UICI-005) issued on July 11, 2008, compliance with this section, "corrective action" is no longer required by the discharge permit unless well problems associated with the injection well occur within the 1 mile Area of Review.
- **Section 22C:**
  - The first sentence of this Section is hereby amended to read as follows, with the portions of the sentence designated with line-strikethrough hereby being eliminated from the permit, and the portion designated by underlining hereby being added:
    - "Injected oil field exempt/non-exempt non-hazardous wastes ~~shall~~ may be injected into the Point Lookout Formation from the interval 4380 ft to 4480 ft ~~at a daily rate of 2,000 to 4,000 barrels per day~~."
- **Section 22D:**
  - Clarification: The originally designated maximum surface injection pressure of 1,580 psig was increased to 2,400 psig in a previously issued "Minor Modification" of the discharge permit dated January 17, 2008.
- **Section 22G:**
  - The language of this Section will be amended as follows, with strike-through indicating eliminated portions and underlining indicating additions/new language:
    - The owner/operator shall submit ~~quarterly~~ Annual Reports of its disposal, operation and well workovers provided herein. The minimum, maximum, average flow waste injection volumes (including total volumes) and annual pressures of waste (oil field exempt, non-exempt, non-hazardous waste) injected will be recorded monthly and submitted to OCD Santa Fe Office on an ~~quarterly~~ annual basis in the Annual Report.
    - The casing-tubing annulus shall contain fluid and be equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The SUNCO DISPOSAL WELL #1 shall be equipped with an expansion tank ~~under constant 100 psig pressure~~ connected to the casing annulus and maintained ~~under~~ at a constant pressure of 100 psig. The expansion tank shall initially be filled half-full (250 gallon expansion tank) with an approved fluid to establish an equilibrium volume and fluid level. Weekly monitoring of fluid levels in the expansion tank coupled with documented additions/removals of fluids in or out of the expansion tank is required to maintain the equilibrium volume. Any loss or gain of fluids level in the expansion tank shall be recorded and ~~if significant,~~ reported to the OCD within 24 hours of discovery. ~~The owner/operator shall provide the following information on an quarterly~~ annual basis: weekly expansion tank volume readings with date and time ~~shall be provided in a table in the cover letter of each quarterly Annual~~ Report. Key shall monitor, record and note dates of any fluid volume additions or removals to maintain the established equilibrium level ~~from the expansion tank on a quarterly basis~~ on a weekly basis and report these weekly readings annually in the Annual Report. In addition, any well activity (i.e. , plugging, changing injection intervals, etc.) shall be conducted in accordance with all applicable New Mexico Oil Conservation Division regulations.
- **Section 22H:**
  - The language of this Section will be amended as follows, with strike-through indicating eliminated portions and underlining indicating additions/new language:
    - Provide ~~an quarterly analytical~~ laboratory data ~~or test results~~ with associated data summary reports of the ~~injection~~ injected RCRA (non-hazardous) wastewater ~~with each Annual Report. The analytical testing shall~~ be conducted on a quarterly basis with any exceedence of the RCRA Characteristically Hazardous Criteria listed below reported to the OCD within 24 hours after having knowledge of ~~an~~ any such exceedence(s). All testing shall be in

accordance with the current discharge permit and with compliance criterion for hazardous waste concentrations. For example, any exceedence of the RCRA Criterion listed below must be immediately resampled for verification of the exceedence(s), and if confirmed, the well shall be immediately shut-in until the injected fluids are confirmed to be RCRA non-hazardous with weekly sampling for one month to verify compliance with the discharge permit.

- RCRA Characteristically Hazardous Waste Criterion or Parameters:
  - ***Ignitability:***
    - Characteristic of Ignitability as defined by 40 CFR, Subpart C, sec. 261.21 (i.e., Sample Ignition upon direct contact with flame or flash point < 60C or 140F)
  - ***Corrosivity:***
    - Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22 (i.e., pH less than or equal to 2, or pH greater than or equal to 12.5)
  - ***Reactivity:***
    - Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23, (i.e., Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)

Reference: 40 CFR part 261 Subpart C sections 261.21 – 261.23, July 1, 1992.

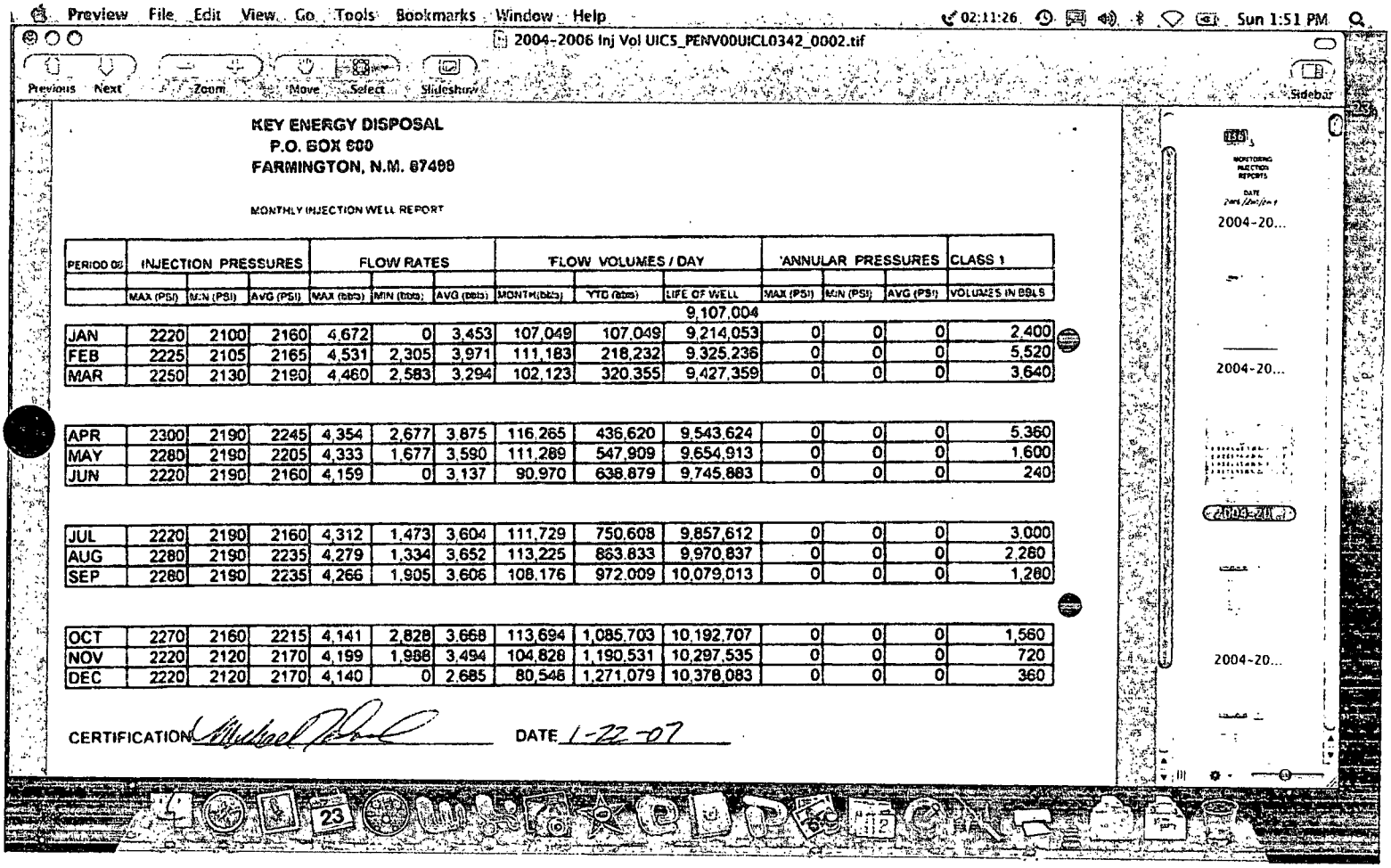
Mikal M. Altomare
Assistant General Counsel
Oil Conservation Division
Energy, Minerals & Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505
Tel 505.476.3480 ~ Fax 505.476.3462
mikal.altomare@state.nm.us

APPENDIX B

1997 to 2006

Key Energy Disposal

UIC-5 Monthly Injection Well Reports

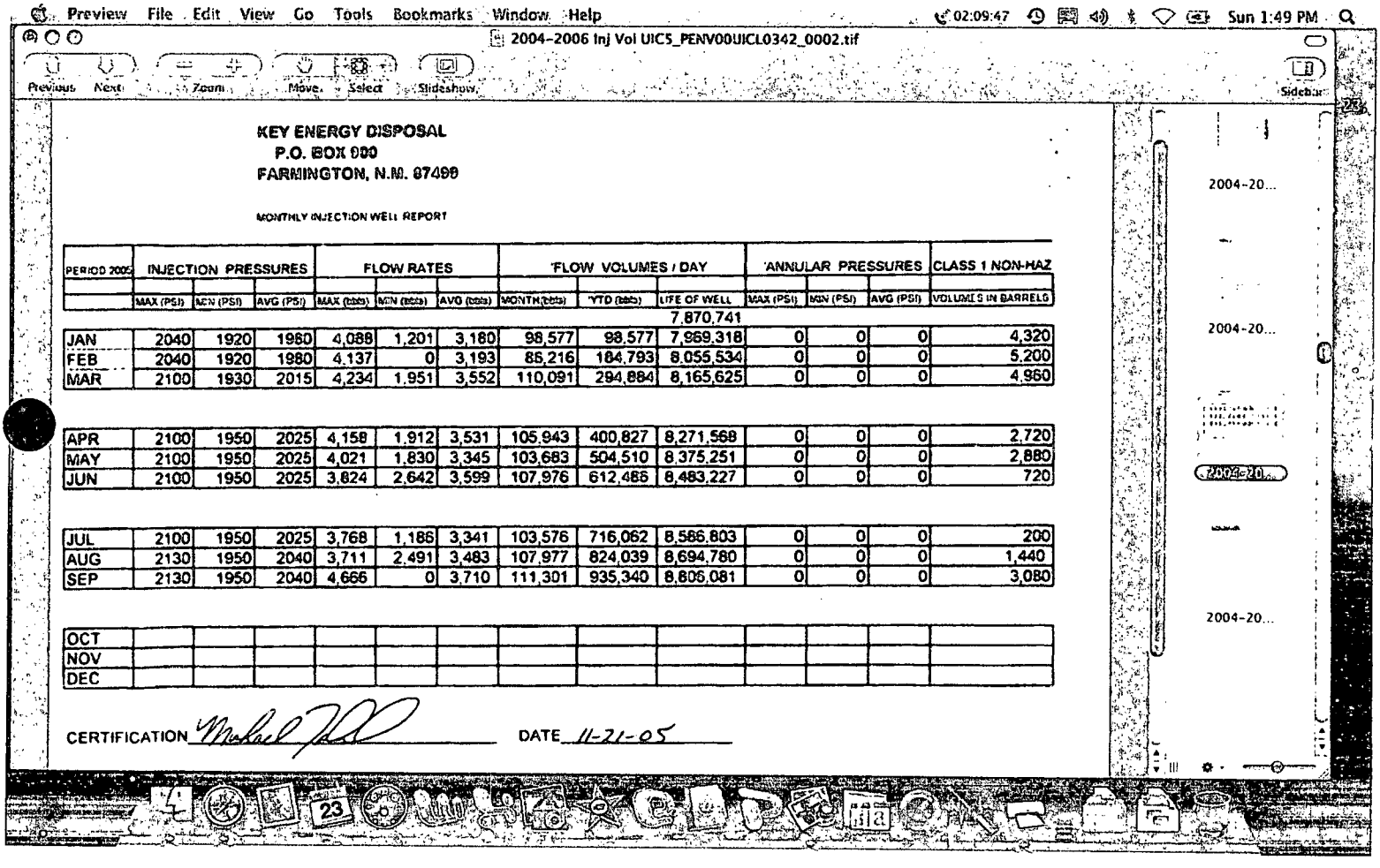


KEY ENERGY DISPOSAL
P.O. BOX 600
FARMINGTON, N.M. 87499

MONTHLY INJECTION WELL REPORT

PERIOD 00	INJECTION PRESSURES			FLOW RATES			FLOW VOLUMES / DAY			ANNULAR PRESSURES			CLASS 1
	MAX (PSI)	MIN (PSI)	AVG (PSI)	MAX (bbls)	MIN (bbls)	AVG (bbls)	MONTH(bbls)	YTD (bbls)	LIFE OF WELL	MAX (PSI)	MIN (PSI)	AVG (PSI)	VOLUMES IN BBLS
									9,107,004				
JAN	2220	2100	2160	4,672	0	3,453	107,049	107,049	9,214,053	0	0	0	2,400
FEB	2225	2105	2165	4,531	2,305	3,971	111,183	218,232	9,325,236	0	0	0	5,520
MAR	2250	2130	2190	4,460	2,583	3,294	102,123	320,355	9,427,359	0	0	0	3,640
APR	2300	2190	2245	4,354	2,677	3,875	116,265	436,620	9,543,624	0	0	0	5,360
MAY	2280	2190	2205	4,333	1,677	3,590	111,289	547,909	9,654,913	0	0	0	1,600
JUN	2220	2190	2160	4,159	0	3,137	90,970	638,879	9,745,883	0	0	0	240
JUL	2220	2190	2160	4,312	1,473	3,604	111,729	750,608	9,857,612	0	0	0	3,000
AUG	2280	2190	2235	4,279	1,334	3,652	113,225	863,833	9,970,837	0	0	0	2,260
SEP	2280	2190	2235	4,266	1,905	3,606	108,176	972,009	10,079,013	0	0	0	1,280
OCT	2270	2160	2215	4,141	2,828	3,668	113,694	1,085,703	10,192,707	0	0	0	1,560
NOV	2220	2120	2170	4,199	1,988	3,494	104,828	1,190,531	10,297,535	0	0	0	720
DEC	2220	2120	2170	4,140	0	2,685	80,546	1,271,079	10,378,083	0	0	0	360

CERTIFICATION Michael Pearl DATE 1-22-07



KEY ENERGY DISPOSAL
P.O. BOX 900
FARMINGTON, N.M. 87499

MONTHLY INJECTION WELL REPORT

PERIOD 2005	INJECTION PRESSURES			FLOW RATES			FLOW VOLUMES / DAY			ANNULAR PRESSURES			CLASS 1 NON-HAZ
	MAX (PSI)	MIN (PSI)	AVG (PSI)	MAX (bbls)	MIN (bbls)	AVG (bbls)	MONTH (bbls)	YTD (bbls)	LIFE OF WELL	MAX (PSI)	MIN (PSI)	AVG (PSI)	VOLUMES IN BARRELS
									7,870,741				
JAN	2040	1920	1980	4,088	1,201	3,180	98,577	98,577	7,969,318	0	0	0	4,320
FEB	2040	1920	1980	4,137	0	3,193	85,216	184,793	8,055,534	0	0	0	5,200
MAR	2100	1930	2015	4,234	1,951	3,552	110,091	294,884	8,165,625	0	0	0	4,960
APR	2100	1950	2025	4,158	1,912	3,531	105,943	400,827	8,271,568	0	0	0	2,720
MAY	2100	1950	2025	4,021	1,830	3,345	103,683	504,510	8,375,251	0	0	0	2,880
JUN	2100	1950	2025	3,824	2,642	3,599	107,976	612,486	8,483,227	0	0	0	720
JUL	2100	1950	2025	3,768	1,186	3,341	103,576	716,062	8,586,803	0	0	0	200
AUG	2130	1950	2040	3,711	2,491	3,483	107,977	824,039	8,694,780	0	0	0	1,440
SEP	2130	1950	2040	4,666	0	3,710	111,301	935,340	8,806,081	0	0	0	3,080
OCT													
NOV													
DEC													

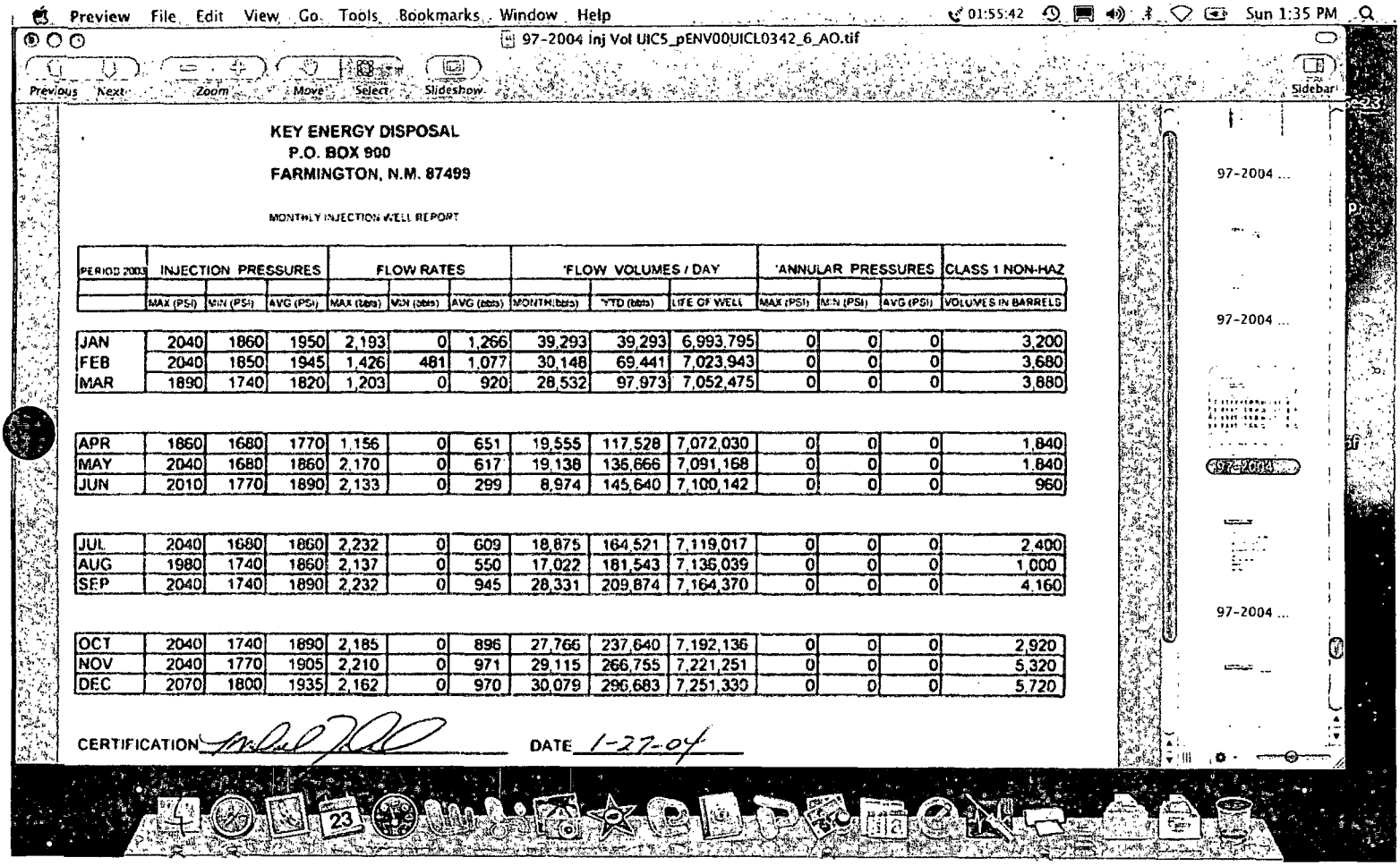
CERTIFICATION Michael [signature] DATE 11-21-05

KEY ENERGY DISPOSAL
P.O. BOX 900
FARMINGTON, N.M. 87499

MONTHLY INJECTION WELL REPORT

PERIOD 2004	INJECTION PRESSURES			FLOW RATES			FLOW VOLUMES / DAY			ANNULAR PRESSURES			CLASS 1 NON-HAZ
	MAX (PSI)	MIN (PSI)	AVG (PSI)	MAX (bbls)	MIN (bbls)	AVG (bbls)	MONTH(bbls)	YTD (bbls)	LIFE OF WELL	MAX (PSI)	MIN (PSI)	AVG (PSI)	VOLUMES IN BARRELS
									7,251,330				
JAN	2070	1800	1935	2,110	0	1,454	45,065	45,065	7,296,395	0	0	0	4,080
FEB	2070	1800	1935	2,219	0	1,164	33,757	78,822	7,330,152	0	0	0	5,080
MAR	2100	1830	1965	2,243	0	1,762	54,630	133,452	7,384,782	0	0	0	2,840
APR	2100	1840	1970	2,186	775	1,873	56,185	189,637	7,440,967	0	0	0	4,920
MAY	2090	1830	1960	2,035	0	1,299	40,255	229,892	7,481,222	0	0	0	1,520
JUN	2050	1800	1925	1,964	0	1,093	32,778	262,670	7,514,000	0	0	0	1,240
JUL	2040	1800	1920	2,022	0	1,168	33,868	296,535	7,547,868	0	0	0	1,960
AUG	2040	1800	1920	1,908	379	1,112	34,461	330,996	7,582,329	0	0	0	640
SEP	2040	1800	1920	1,880	0	1,514	43,928	374,924	7,626,257	0	0	0	4,800
OCT	2040	1800	1920	3,583	1229	2,130	66,033	440,957	7,692,290	0	0	0	6,570
NOV	2040	1800	1920	3,533	755	2,708	81,267	522,224	7,773,557	0	0	0	2,009
DEC	2040	1800	1920	4,361	0	3,239	97,184	619,408	7,870,741	0	0	0	4,180

CERTIFICATION _____ DATE 2-14-05

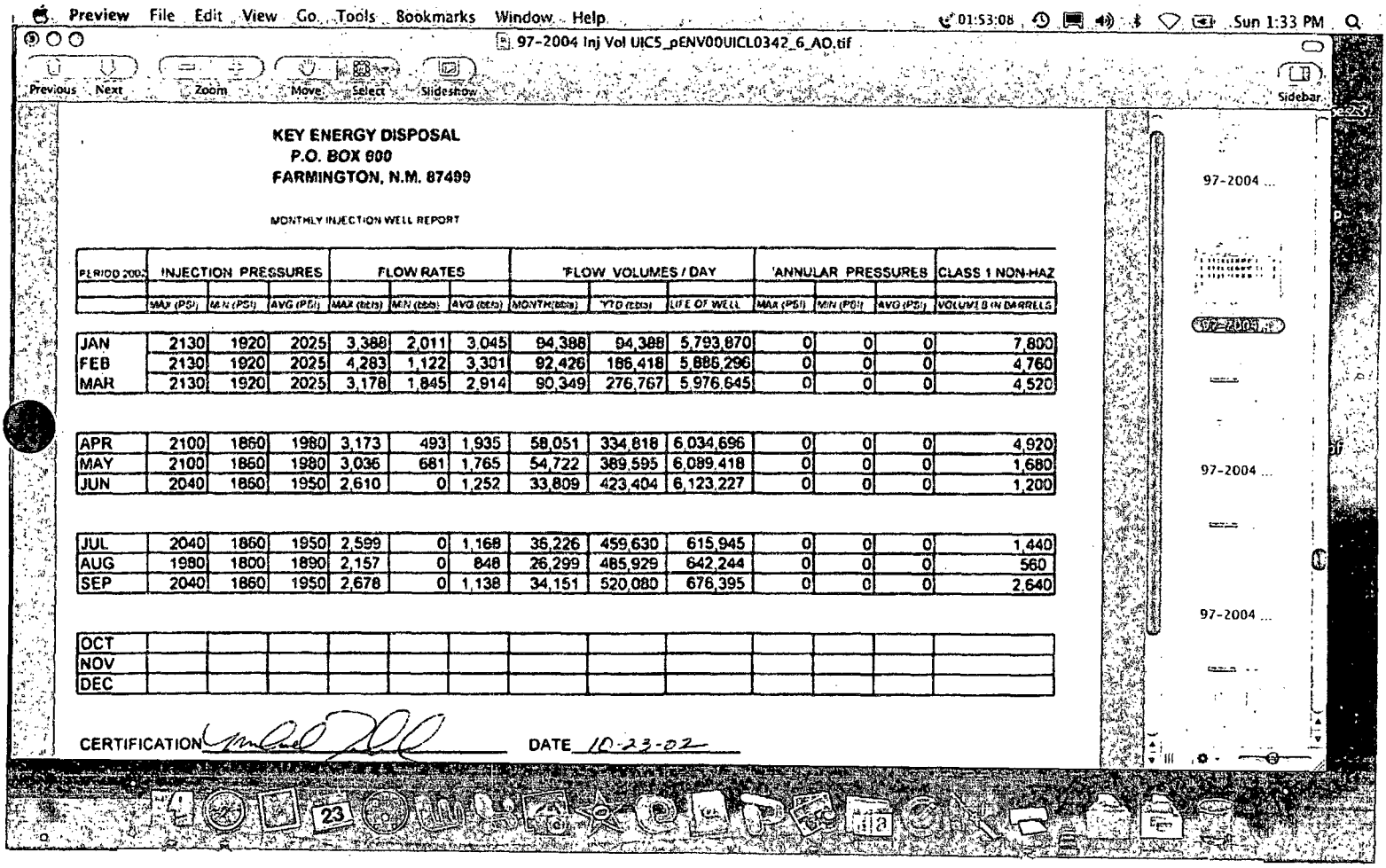


KEY ENERGY DISPOSAL
P.O. BOX 900
FARMINGTON, N.M. 87499

MONTHLY INJECTION WELL REPORT

PERIOD 2003	INJECTION PRESSURES			FLOW RATES			FLOW VOLUMES / DAY			ANNULAR PRESSURES			CLASS 1 NON-HAZ
	MAX (PSI)	MIN (PSI)	AVG (PSI)	MAX (bbls)	MIN (bbls)	AVG (bbls)	MONTH (bbls)	YTD (bbls)	LIFE OF WELL	MAX (PSI)	MIN (PSI)	AVG (PSI)	VOLUMES IN BARRELS
JAN	2040	1860	1950	2,193	0	1,266	39,293	39,293	6,993,795	0	0	0	3,200
FEB	2040	1850	1945	1,426	481	1,077	30,148	69,441	7,023,943	0	0	0	3,680
MAR	1890	1740	1820	1,203	0	920	28,532	97,973	7,052,475	0	0	0	3,880
APR	1860	1680	1770	1,156	0	651	19,555	117,528	7,072,030	0	0	0	1,840
MAY	2040	1680	1860	2,170	0	617	19,138	136,666	7,091,168	0	0	0	1,840
JUN	2010	1770	1890	2,133	0	299	8,974	145,640	7,100,142	0	0	0	960
JUL	2040	1680	1860	2,232	0	609	18,875	164,521	7,119,017	0	0	0	2,400
AUG	1980	1740	1860	2,137	0	550	17,022	181,543	7,136,039	0	0	0	1,000
SEP	2040	1740	1890	2,232	0	945	28,331	209,874	7,164,370	0	0	0	4,160
OCT	2040	1740	1890	2,185	0	896	27,766	237,640	7,192,136	0	0	0	2,920
NOV	2040	1770	1905	2,210	0	971	29,115	266,755	7,221,251	0	0	0	5,320
DEC	2070	1800	1935	2,162	0	970	30,079	296,683	7,251,330	0	0	0	5,720

CERTIFICATION _____ DATE 1-27-04

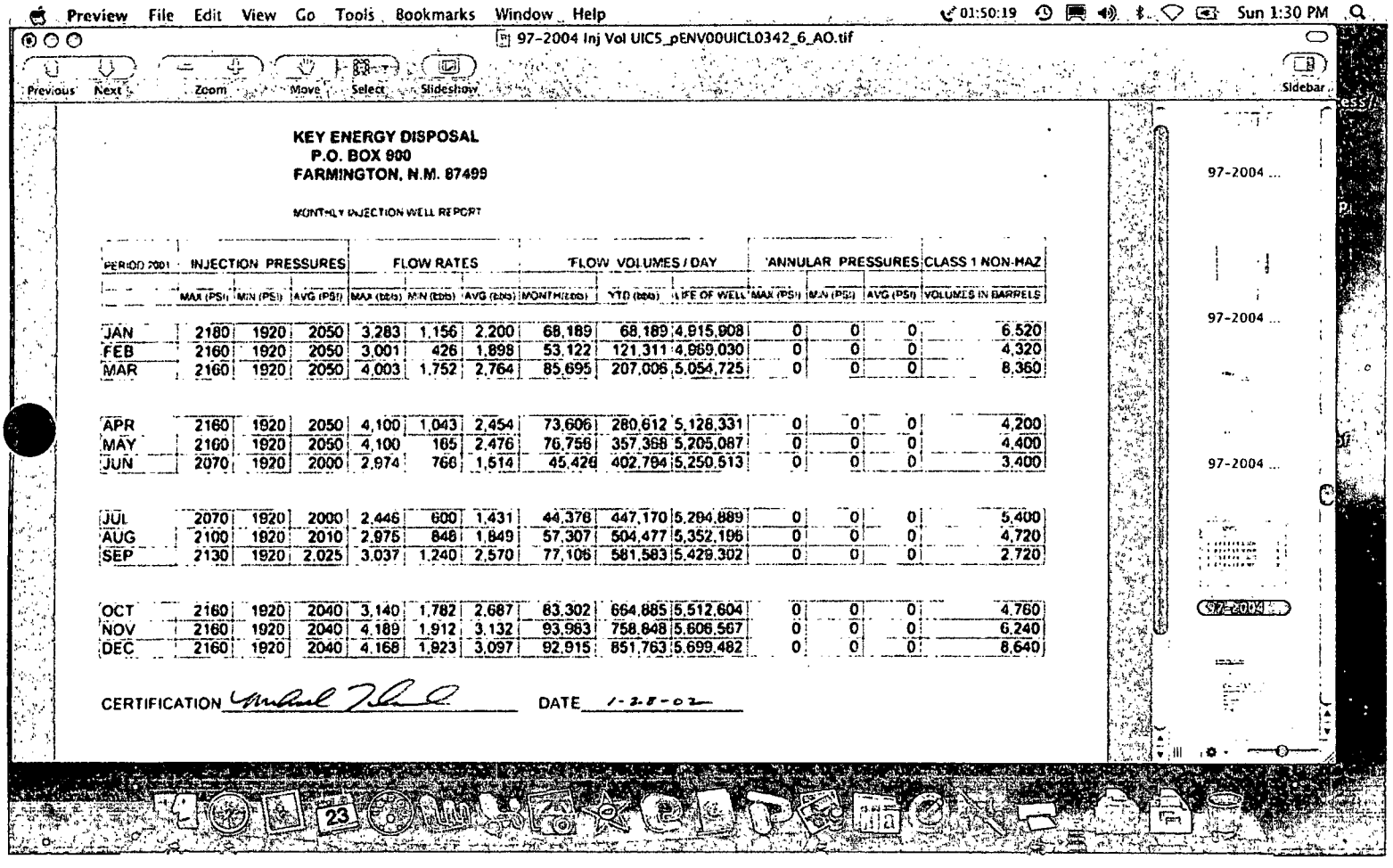


KEY ENERGY DISPOSAL
P.O. BOX 600
FARMINGTON, N.M. 87499

MONTHLY INJECTION WELL REPORT

PERIOD 2002	INJECTION PRESSURES			FLOW RATES			FLOW VOLUMES / DAY			ANNULAR PRESSURES			CLASS 1 NON-HAZ
	MAX (PSI)	MIN (PSI)	AVG (PSI)	MAX (bbls)	MIN (bbls)	AVG (bbls)	MONTH(bbls)	YTD (bbls)	LIFE OF WELL	MAX (PSI)	MIN (PSI)	AVG (PSI)	VOLUME IN BARRELS
JAN	2130	1920	2025	3,388	2,011	3,045	94,388	94,388	5,793,870	0	0	0	7,800
FEB	2130	1920	2025	4,283	1,122	3,301	92,426	186,418	5,886,296	0	0	0	4,760
MAR	2130	1920	2025	3,178	1,845	2,914	90,349	276,767	5,976,645	0	0	0	4,520
APR	2100	1860	1980	3,173	493	1,935	58,051	334,818	6,034,696	0	0	0	4,920
MAY	2100	1850	1980	3,036	681	1,765	54,722	389,595	6,089,418	0	0	0	1,680
JUN	2040	1860	1950	2,610	0	1,252	33,809	423,404	6,123,227	0	0	0	1,200
JUL	2040	1860	1950	2,599	0	1,168	35,226	459,630	615,945	0	0	0	1,440
AUG	1980	1800	1890	2,157	0	848	26,299	485,929	642,244	0	0	0	560
SEP	2040	1860	1950	2,678	0	1,138	34,151	520,080	676,395	0	0	0	2,640
OCT													
NOV													
DEC													

CERTIFICATION _____ DATE 10-23-02



KEY ENERGY DISPOSAL
P.O. BOX 900
FARMINGTON, N.M. 87499

MONTHLY INJECTION WELL REPORT

PERIOD 2001	INJECTION PRESSURES			FLOW RATES			FLOW VOLUMES / DAY			ANNULAR PRESSURES			CLASS 1 NON-HAZ
	MAX (PSI)	MIN (PSI)	AVG (PSI)	MAX (BBLS)	MIN (BBLS)	AVG (BBLS)	MONTH(BBLS)	YTD (BBLS)	LIFE OF WELL	MAX (PSI)	MIN (PSI)	AVG (PSI)	VOLUMES IN BARRELS
JAN	2180	1920	2050	3,283	1,156	2,200	68,189	68,189	4,915,908	0	0	0	6,520
FEB	2160	1920	2050	3,001	426	1,898	53,122	121,311	4,969,030	0	0	0	4,320
MAR	2160	1920	2050	4,003	1,752	2,764	85,695	207,006	5,054,725	0	0	0	8,360
APR	2160	1920	2050	4,100	1,043	2,454	73,606	280,612	5,128,331	0	0	0	4,200
MAY	2160	1920	2050	4,100	165	2,476	76,756	357,368	5,205,087	0	0	0	4,400
JUN	2070	1920	2000	2,974	766	1,514	45,426	402,794	5,250,513	0	0	0	3,400
JUL	2070	1920	2000	2,446	600	1,431	44,378	447,170	5,294,889	0	0	0	5,400
AUG	2100	1920	2010	2,975	848	1,849	57,307	504,477	5,352,196	0	0	0	4,720
SEP	2130	1920	2,025	3,037	1,240	2,570	77,106	581,583	5,429,302	0	0	0	2,720
OCT	2160	1920	2040	3,140	1,782	2,687	83,302	664,885	5,512,604	0	0	0	4,760
NOV	2160	1920	2040	4,189	1,912	3,132	93,963	758,848	5,606,567	0	0	0	6,240
DEC	2160	1920	2040	4,168	1,923	3,097	92,915	851,763	5,699,482	0	0	0	8,640

CERTIFICATION _____ DATE 1-28-02

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KEY ENERGY DISPOSAL
P.O. BOX 900
FARMINGTON, N.M. 87499

MONTHLY INJECTION WELL REPORT

PERIOD 2000	INJECTION PRESSURES			FLOW RATES			FLOW VOLUMES / DAY			ANNULAR PRESSURES CLASS 1 NON-HAZ			
	MAX (PSI)	MIN (PSI)	AVG (PSI)	MAX (BBLS)	MIN (BBLS)	AVG (BBLS)	MONTH (BBLS)	YTD (BBLS)	LIFE OF WELL	MAX (PSI)	MIN (PSI)	AVG (PSI)	VOLUMES IN BARRELS
JAN	2100	1860	1980	3,050	987	2,467	76,491	76,491	4,145,197	0	0	0	6,160
FEB	2080	1860	1970	2,935	1,044	2,202	63,868	140,359	4,209,065	0	0	0	7,840
MAR	2130	1860	1995	2,847	1,005	2,214	68,633	208,992	4,277,698	0	0	0	11,520
APR	2160	1720	2040	3,040	1,219	2,416	72,468	281,460	4,350,016	0	0	0	10,400
MAY	2160	1860	2040	2,487	0	1,467	45,466	326,926	4,395,482	0	0	0	6,480
JUN	2160	1860	2040	2,942	741	2,077	62,298	389,224	4,457,780	0	0	0	2,520
JUL	2160	1860	2040	2,960	1,368	1,857	57,561	446,785	4,515,341	0	0	0	480
AUG	2160	1860	2040	2,749	1,055	1,936	60,028	500,81	4,575,369	0	0	0	2,520
SEP	2180	1920	2050	2,690	700	1,902	57,064	557,877	4,632,433	0	0	0	1,200
OCT	2180	1920	2050	3,058	1,457	2,357	73,069	630,946	4,705,502	0	0	0	6,640
NOV	2180	1920	2050	3,076	0	2,150	62,366	693,312	4,767,868	0	0	0	3,720
DEC	2180	1920	2050	3,159	0	2,661	79,857	773,169	4,847,719	0	0	0	6,320

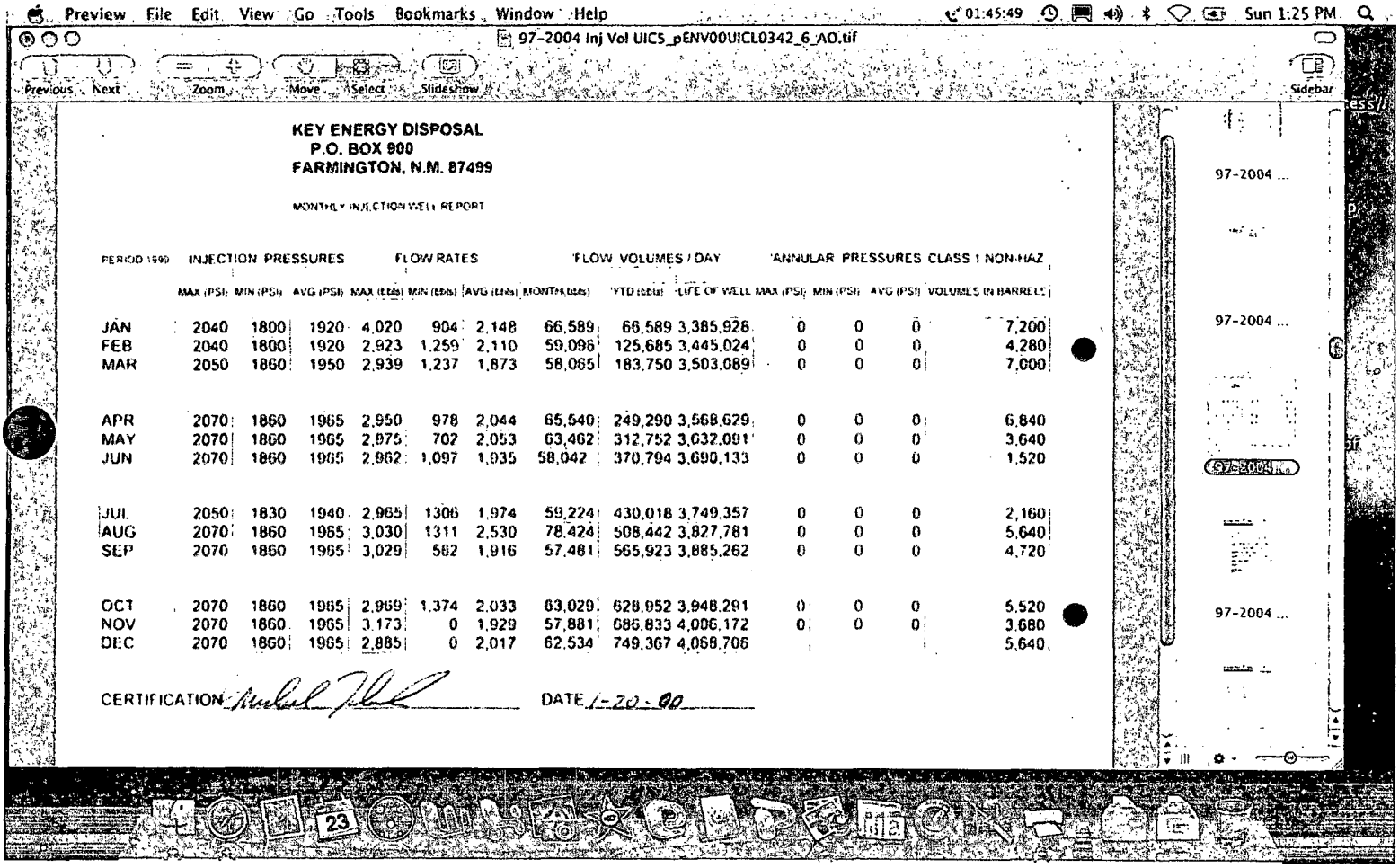
CERTIFICATION _____ DATE 1-24-2001

97-2004 ...

97-2004 ...

97-2004 ...

97-2004 ...

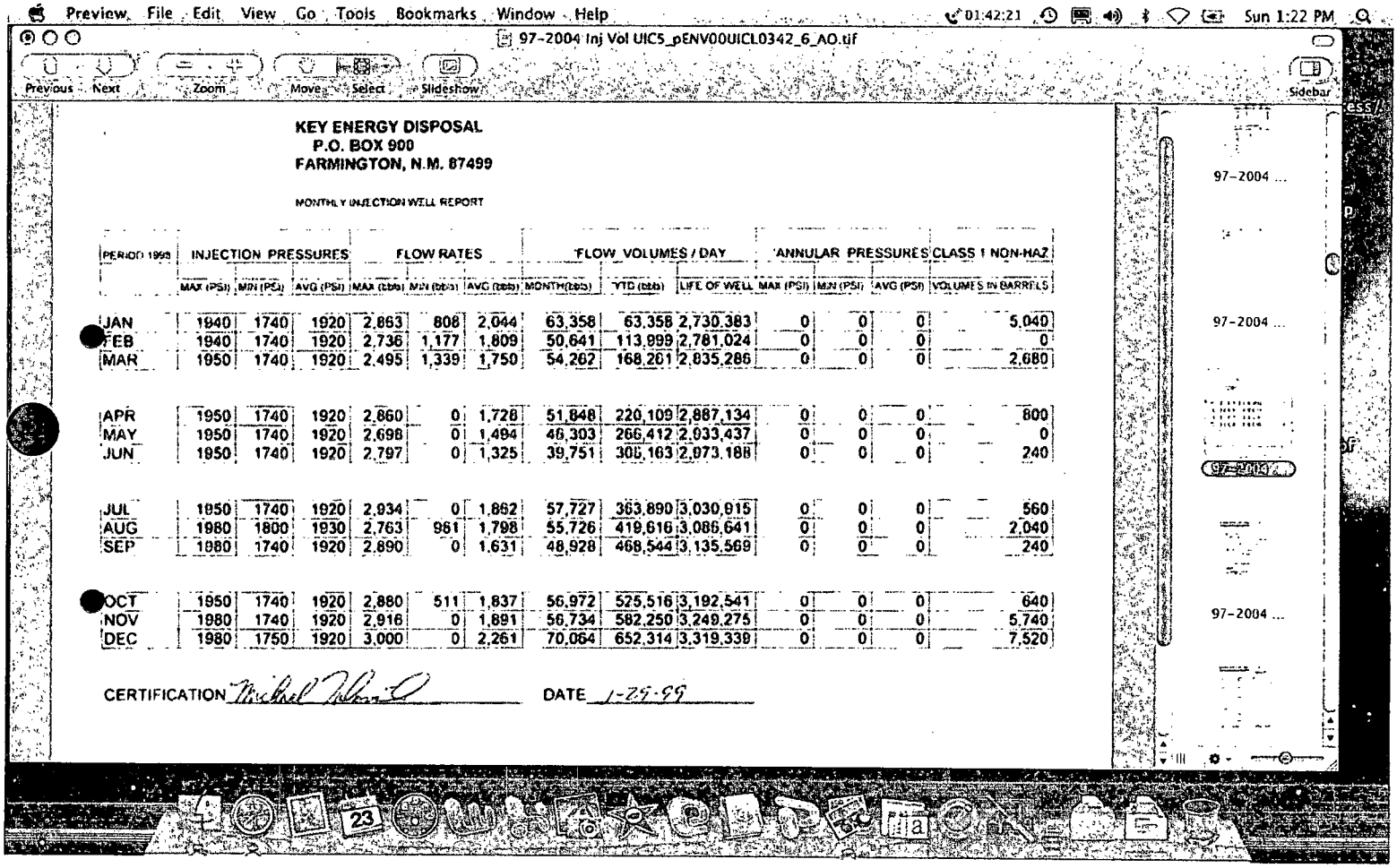


KEY ENERGY DISPOSAL
P.O. BOX 900
FARMINGTON, N.M. 87499

MONTHLY INJECTION WELL REPORT

PERIOD 1999	INJECTION PRESSURES			FLOW RATES			FLOW VOLUMES / DAY			ANNULAR PRESSURES			CLASS 1 NON-HAZ
	MAX (PSI)	MIN (PSI)	AVG (PSI)	MAX (BBLS)	MIN (BBLS)	AVG (BBLS)	MONTH (BBLS)	YTD (BBLS)	LIFE OF WELL	MAX (PSI)	MIN (PSI)	AVG (PSI)	VOLUMES IN BARRELS
JAN	2040	1800	1920	4,020	904	2,148	66,589	66,589	3,385,928	0	0	0	7,200
FEB	2040	1800	1920	2,923	1,259	2,110	59,096	125,685	3,445,024	0	0	0	4,280
MAR	2050	1860	1950	2,939	1,237	1,873	58,065	183,750	3,503,089	0	0	0	7,600
APR	2070	1860	1965	2,950	978	2,044	65,540	249,290	3,568,629	0	0	0	6,840
MAY	2070	1860	1965	2,975	702	2,053	63,462	312,752	3,632,091	0	0	0	3,640
JUN	2070	1860	1965	2,962	1,097	1,935	58,042	370,794	3,690,133	0	0	0	1,520
JUL	2050	1830	1940	2,965	1306	1,974	59,224	430,018	3,749,357	0	0	0	2,160
AUG	2070	1860	1965	3,030	1311	2,530	78,424	508,442	3,827,781	0	0	0	5,640
SEP	2070	1860	1965	3,029	582	1,916	57,481	565,923	3,885,262	0	0	0	4,720
OCT	2070	1860	1965	2,969	1,374	2,033	63,029	628,952	3,948,291	0	0	0	5,520
NOV	2070	1860	1965	3,173	0	1,929	57,881	686,833	4,006,172	0	0	0	3,680
DEC	2070	1860	1965	2,885	0	2,017	62,534	749,367	4,068,706				5,640

CERTIFICATION [signature] DATE 1-20-00

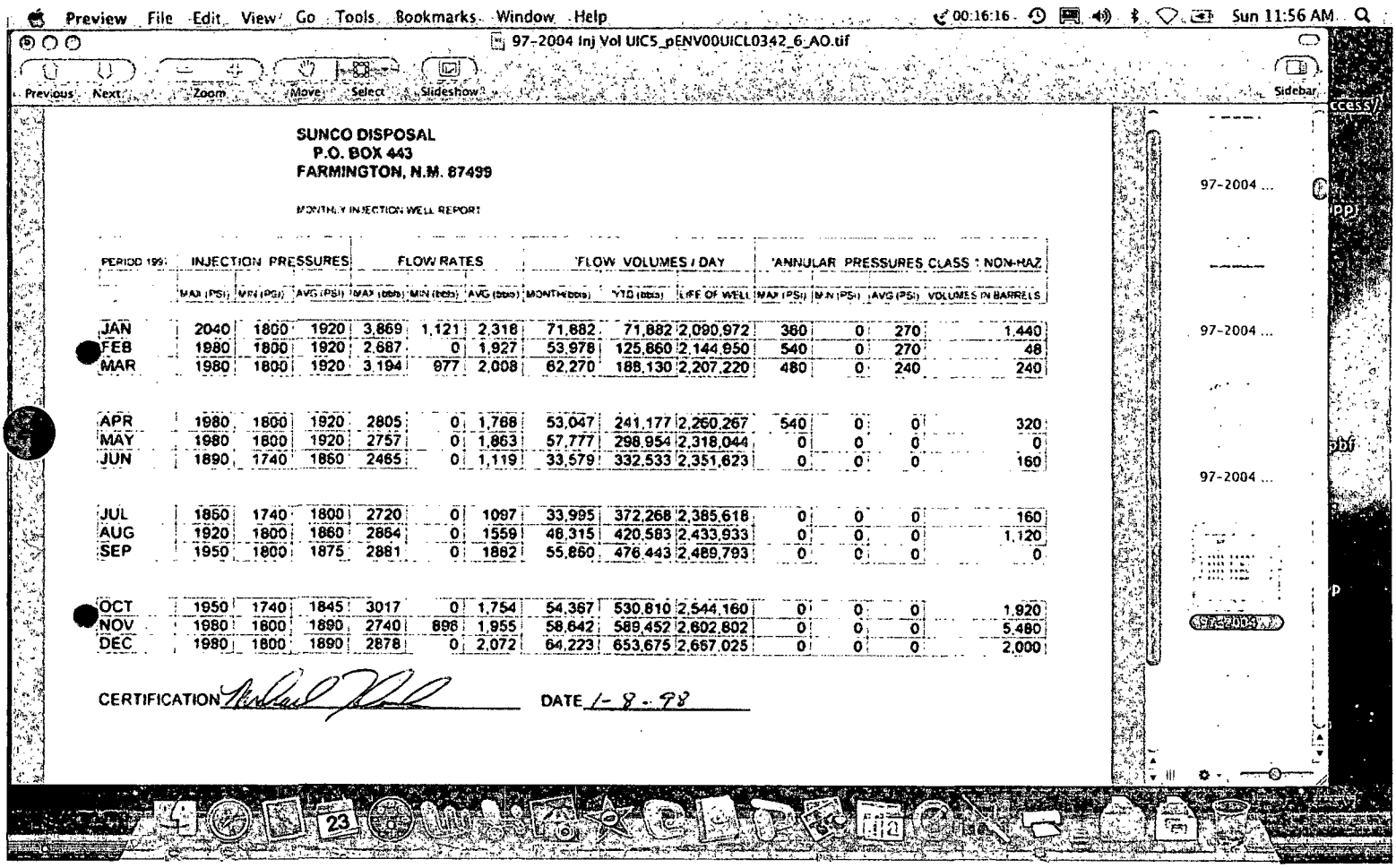


KEY ENERGY DISPOSAL
P.O. BOX 900
FARMINGTON, N.M. 87499

MONTHLY INJECTION WELL REPORT

PERIOD 1998	INJECTION PRESSURES			FLOW RATES			FLOW VOLUMES / DAY			ANNULAR PRESSURES			CLASS I NON-HAZ
	MAX (PSI)	MIN (PSI)	AVG (PSI)	MAX (bbls)	MIN (bbls)	AVG (bbls)	MONTH(bbls)	YTD (bbls)	LIFE OF WELL	MAX (PSI)	MIN (PSI)	AVG (PSI)	VOLUMES IN BARRELS
JAN	1940	1740	1920	2,863	808	2,044	63,358	63,358	2,730,383	0	0	0	5,040
FEB	1940	1740	1920	2,736	1,177	1,809	50,641	113,999	2,781,024	0	0	0	0
MAR	1950	1740	1920	2,495	1,339	1,750	54,262	168,261	2,835,286	0	0	0	2,680
APR	1950	1740	1920	2,860	0	1,728	51,848	220,109	2,887,134	0	0	0	800
MAY	1950	1740	1920	2,698	0	1,494	46,303	266,412	2,933,437	0	0	0	0
JUN	1950	1740	1920	2,797	0	1,325	39,751	306,163	2,973,188	0	0	0	240
JUL	1950	1740	1920	2,934	0	1,862	57,727	363,890	3,030,915	0	0	0	560
AUG	1980	1800	1930	2,763	981	1,798	55,726	419,616	3,086,641	0	0	0	2,040
SEP	1980	1740	1920	2,890	0	1,631	48,928	468,544	3,135,569	0	0	0	240
OCT	1950	1740	1920	2,880	511	1,837	56,972	525,516	3,192,541	0	0	0	640
NOV	1980	1740	1920	2,916	0	1,891	56,734	582,250	3,249,275	0	0	0	5,740
DEC	1980	1750	1920	3,000	0	2,261	70,064	652,314	3,319,339	0	0	0	7,520

CERTIFICATION Michael Wilson DATE 1-25-99

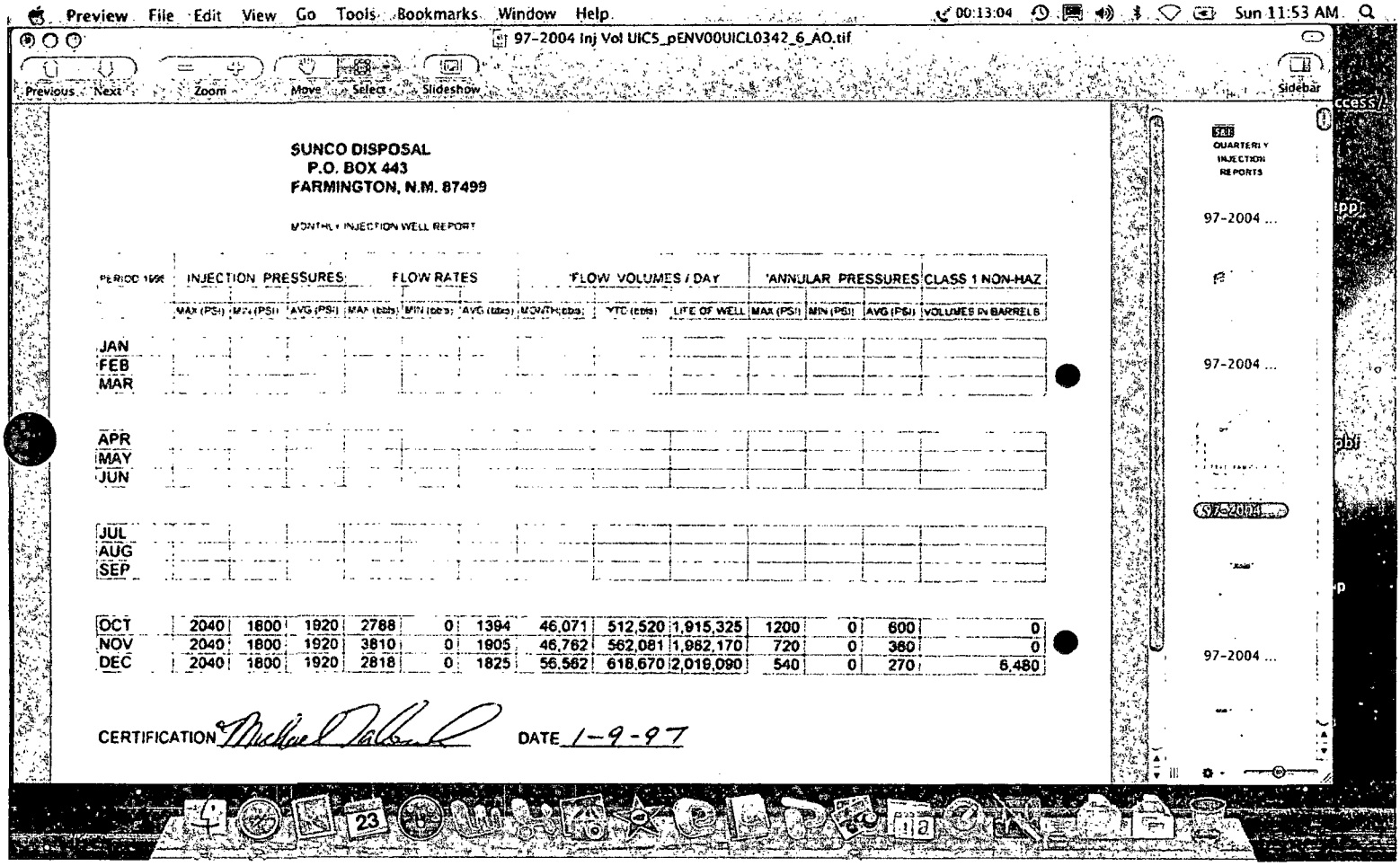


SUNCO DISPOSAL
P.O. BOX 443
FARMINGTON, N.M. 87499

MONTHLY INJECTION WELL REPORT

PERIOD 199:	INJECTION PRESSURES			FLOW RATES			FLOW VOLUMES / DAY			ANNULAR PRESSURES CLASS : NON-HAZ			
	MAX (PSI)	MIN (PSI)	AVG (PSI)	MAX (bbls)	MIN (bbls)	AVG (bbls)	MONTH(bbls)	YTD (bbls)	LIFE OF WELL	MAX (PSI)	MIN (PSI)	AVG (PSI)	VOLUMES IN BARRELS
JAN	2040	1800	1920	3,869	1,121	2,318	71,882	71,882	2,090,972	360	0	270	1,440
FEB	1980	1800	1920	2,687	0	1,927	53,978	125,860	2,144,950	540	0	270	48
MAR	1980	1800	1920	3,194	977	2,008	62,270	188,130	2,207,220	480	0	240	240
APR	1980	1800	1920	2805	0	1,788	53,047	241,177	2,260,267	540	0	0	320
MAY	1980	1800	1920	2757	0	1,863	57,777	298,954	2,318,044	0	0	0	0
JUN	1890	1740	1860	2465	0	1,119	33,579	332,533	2,351,623	0	0	0	160
JUL	1850	1740	1800	2720	0	1097	33,995	372,268	2,385,618	0	0	0	160
AUG	1920	1800	1860	2864	0	1559	48,315	420,583	2,433,933	0	0	0	1,120
SEP	1950	1800	1875	2881	0	1862	55,860	476,443	2,489,793	0	0	0	0
OCT	1950	1740	1845	3017	0	1,754	54,367	530,810	2,544,160	0	0	0	1,920
NOV	1980	1800	1890	2740	886	1,955	58,642	589,452	2,602,802	0	0	0	5,480
DEC	1980	1800	1890	2878	0	2,072	64,223	653,675	2,667,025	0	0	0	2,000

CERTIFICATION _____ DATE 1-8-98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Previous Next Zoom Move Select Slideshow Sidebar
SUNCO DISPOSAL
P.O. BOX 443
FARMINGTON, N.M. 87499
MONTHLY INJECTION WELL REPORT
PERIOD 1996
INJECTION PRESSURES
FLOW RATES
FLOW VOLUMES / DAY
ANNULAR PRESSURES
CLASS 1 NON-HAZ
MAX (PSI)
MIN (PSI)
AVG (PSI)
MAX (bbls)
MIN (bbls)
AVG (bbls)
MONTH (bbls)
YTD (bbls)
LIFE OF WELL
MAX (PSI)
MIN (PSI)
AVG (PSI)
VOLUMES IN BARRELS
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT 2040 1800 1920 2788 0 1394 46,071 512,520 1,915,325 1200 0 600 0
NOV 2040 1800 1920 3810 0 1905 46,762 562,081 1,982,170 720 0 360 0
DEC 2040 1800 1920 2818 0 1825 56,562 618,670 2,019,090 540 0 270 6,480
CERTIFICATION
DATE 1-9-97
QUARTERLY INJECTION REPORTS
97-2004 ...
97-2004 ...
97-2004 ...

APPENDIX C

2007 to 2009

Key Energy Disposal Monthly Totals

+ Press Monitor Loss

Key Energy
Disposal
Monthly Totals – JANUARY 2009

Barrels Taken In	44,480
Barrels Pumped Away	51,717
Barrels Difference	7,237
Key Hauled Loads	537
Non Key Hauled Loads	9
Total Exempt Loads Hauled	546
NON EXEMPT LOADS (Key Hauled)	4
NON EXEMPT LOADS (NOT Key Hauled)	5
Total NON EXEMT Loads Hauled	9
Total Loads Taken In	9
Average BBL Per Load	80
NON EXEMPT LOADS Per BBL	* 3.00
Exempt Loads Per BBL	* .95
Non Exempt Loads	$ 2,160
Exempt Loads	+ 45,794
Total For Month	$ = 47,954

JANUARY 09

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	193	2125	2125	2125
02	191	1049	3174	3174
03	189	2557	5731	5731
04	198	1977	7708	7708
05	189	1887	9595	9595
06	188	1880	11475	11475
07	185	1,477	12952	12,952
08	185	1,668	14620	14,620
09	186	1,491	16111	16,111
10	180	1,797	17908	17,908
11	179	1,608	19516	19,516
12	184	1,469	20985	20985
13	209	1,045	22030	22030
14	207	1,868	23898	23898
15	208	2,188	26086	26086
16	208	2,287	28,373	28,373
17	205	1,438	29,811	29,811
18	203	1,321	31,132	31,132
19	204	1,426	32558	32,558
20	201	1,036	33594	33594
21		2288	35882	35882
22		~~3215~~ 927	36809	36809
23	184	1848	38657	38657
24	0	0	38657	38657
25	205	2459	41116	41116
26	186	931	42047	42047
27	187	1866	43913	43913
28	182	1271	45184	45,184
29	184	1652	46836	46,836
30	212	2,970	49806	49,806
31	212	1911	51717	51,717

TUBING AND CASING MONITORING LOG SHEET
YEAR 2009
MONTH JANUARY

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2300	0	RK
	2			
	3	2300	0	SW
	4	2300	0	JS
	5	2300	0	JS
	6	2300	0	JS
	7	2200	0	RK
	8	2260	0	RK
	9	2200	0	RK
	10	2200	0	RK
	11	2300	0	RK
	12	2300	0	RK
	13	2300	0	RK
	14	2300	0	RK
	15	2300	0	RK
	16	2300	0	RK
	17	2300	0	JS
	18	2300	0	JS
	19	2300	0	RK
	20	2300	0	RK
	21	2300	0	RK
	22	2050	0	SW
	23	2300	0	LD
	24	0	0	JS
	25	2100	0	SW
	26	2200	0	RK
	27	2100	0	
	28	2200	0	JS
	29	2100 2100	0 0	JS RK
	30	2250	0	LD
	31	1700	0	RK

Key Energy Disposal Monthly Totals

February 09

Barrels Taken In	31,020
Barrels Pumped Away	35,107
Barrels Difference	4087
Key Hauled Loads	368
Non Key Hauled Loads	6
Total Exempt Loads Hauled	374
NON EXEMPT LOADS (Key Hauled)	6
NON EXEMPT LOADS (NOT Key Hauled)	5
Total NON EXEMT Loads Hauled	11
Total Loads Taken In	385
Average BBL Per Load	80.571
NON EXEMPT LOADS Per BBL	3.00
Exempt Loads Per BBL	.95
Non Exempt Loads	2880 00
Exempt Loads	30490.50
Total For Month	$ 33,370.50

FEB 09

51,717

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	210	1052	1052	52,769
02	189	946	1998	53,715
03	197	2,170	4168	55,885
04	196	978	5146	56,863
05	191	1,148	6294	58,011
06	192	962	7256	58,973
07	189	1,325	8,581	60,298
08	185	2,403	10,984	62,701
09	181	1,627	12,611	64,328
10	181	1,630	14,241	65,958
11	163	1,311	15,552	67,269
12	160	1,287	16839	68,556
13	170	1,358	18197	69,914
14	173	1,209	19406	71,123
15	168	1,344	20750	72,467
16	~~283~~	639	21389	73,106
17	207	1656	23045	74,762
18	211	1693	24,738	76,455
19	201	1817	26,555	78,272
20	0	0	0	0
21	198	1984	28539	80,256
22	0	0	0	0
23	0	0	0	0
24	207	1,863	30402	82,119
25	192	1,152	31554	83,271
26	201	1,203	32757	84,474
27	183	1,099	33,856	85,573
28	156	1,251	35,107	86,824
29				
30				
31				
			35107	35,107
				~~Barrels~~

TUBING AND CASING MONITORING LOG SHEET
YEAR 2009
MONTH FEB

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1800	0	RK
	2	1650, 2000	0	SW RK
	3	2300 2200	0 0	SW RK
	4	2100 -	0	RK
	5	2100,	0	
	6	2100,	0	
	7	2075,	0	
	8	2100,	0	
	9	2100,	0	
	10	2100, 2150	0	SW
	11	1800	0	
	12	2150	0	
	13	2050	0	
	14	2050	0	
	15	2025	0	
	16	2000	0	SW
	17	2200	0	SW
	18	2250 2400	0 0	SW - RAYNARD
	19	2200	0 -	Raynard
	20			
	21	2150	0	SW
	22	1700	0	SW
	23	1700	0	SW
	24	1600	0	RAYNARD
	25	1800	0	Raynard
	26	1800	0	Raynard
	27	1800, 2100, 2100	0, 0, 0	RAYNARD JOSH
	28	2050, / /	0 / /	SW
	29			
	30			
	31			

Key Energy Disposal Monthly Totals

March 09

Barrels Taken In	30,440
Barrels Pumped Away	25,999
Barrels Difference	4441
Key Hauled Loads	380
Non Key Hauled Loads	0
Total Exempt Loads Hauled	379
NON EXEMPT LOADS (Key Hauled)	1
NON EXEMPT LOADS (NOT Key Hauled)	5
Total NON EXEMT Loads Hauled	6
Total Loads Taken In	385
Average BBL Per Load	79.064
NON EXEMPT LOADS Per BBL	
Exempt Loads Per BBL	
Non Exempt Loads	1440 00
Exempt Loads	28,320 00
Total For Month	$ 29,760 00

MARCH-2009

86,824

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	152	1063	1063	87,887
02	163	1138	2201	89,025
03	179	896	3097	89,921
04	0	0	0	0
05	0	0	0	0
06	177	2,476	5573	92,397
07	182	2,364	7937	94,761
08	181	1,451	9388	96,213
09	0	0	0	96,212
10	152	912	10,300	97,124
11	143	1003	11,303	98,127
12	136	1225	12,528	99,352
13	171	1710	14,238	101,062
14	193	1159	15,397	102,221
15	183	1461	16,858	103,682
16	-	-	-	103,682
17	0	0	0	0
18	0	0	0	0
19	166	1,331	18,189	105,013 *
20	202	1,619	19,808	~~105,251~~ 106632
21	204	1020	20,828	~~109,271~~ 107652
22	0	0	0	0
23	201	802	21,630	~~110,073~~ 108454
24	187	562	22,192	~~110,635~~ 109016
25	0	0	0	0
26	189	400	22592	109416
27				
28	258	1809	24401	~~112,444~~ 111225
29	200	1598	25999	~~111,092~~
30				112823
31			25,999	112823
				25,999

TUBING AND CASING MONITORING LOG SHEET
YEAR 2009
MONTH MARCH

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2050	0	JS
	2	2050	0	SW
	3	1800	0	LS
	4	0	0	LS
	5	0	0	LS
	6	2050	0	[illegible]
	7	2200	0	SW
	8	2150	0	SW
	9	1800	0	SW
	10	2150	0	RK
	11	2000	0	RK
	12	2000	0	RK
	13	2000	0	LS
	14	2200	0	[illegible]
	15	2200	0	SW
	16	1800	0	SW
	17	1800	0	SW
	18	1650	0	RK
	19	2100	0	SW
	20	2200	0	RK
	21	2200	0	SW
	22	1700	0	SW
	23	2100	0	SW
	24	2100	0	SW
	25	0	0 0	RK
	26	2100	0	RK
	27	1700	0	RK
	28	~~2050 2100~~	0 0	SW, SW
	29	1700	0	SW
	30	~~0~~ 00, 2050	0 0	SW SW
	31	1700	0	SW

Key Energy
Disposal
Monthly Totals

April, 2009

Barrels Taken In	18,485
Barrels Pumped Away	16,016
Barrels Difference	2469
Key Hauled Loads	240
Non Key Hauled Loads	11
Total Exempt Loads Hauled	234
NON EXEMPT LOADS (Key Hauled)	6
NON EXEMPT LOADS (NOT Key Hauled)	3
Total NON EXEMT Loads Hauled	9
Total Loads Taken In	251
Average BBL Per Load	73.645
NON EXEMPT LOADS Per BBL	3.00
Exempt Loads Per BBL	.95
Non Exempt Loads	2160 00
Exempt Loads	16,100 00
Total For Month	$ 18,260 00

APRIL 09

112,823

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	198	1358	1358	114,181
02	0	0	0	0
03	206	825	2183	115,006
04	0	0	0	115,006
05	195	586	2769	115,592
06	—	—	—	115,592
07	200	1200	3969	11,6792
08	0	0	0	11,6792
09	194	1750	5719	11,8542
10	0	0	0	0
11	0	0	0	118,542
12	189	947	6666	119,489
13	191	1151	7817	120640
14	190	570	8387	121,210
15	0	0	0	0
16	189	947	9332	122,157
17	0	0	0	0
18	199	1192	10524	123,349
19	195	780	11,304	124,129
20	199	597	11901	124,726
21	198	792	12693	125 518
22	0	0	0	0
23	194	967	13,660	126485
24	0	0	0	0
25	194	1355	15,015	127840
26	0	0	0	127,840
27	0	0	0	127,840
28	200	1001	16016	128,841
29	0	0	0	0
30	0	0	0	128,839
31				
		16,016	16,016	16,016

TUBING AND CASING MONITORING LOG SHEET

YEAR 2009

MONTH APRIL

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1600,	0	SW
	2	0	0	RK
	3			
	4	1650	0	SW
	5	1600, 2000	0 0	SW, JS
	6	1600	0	JB
	7	1550, 2000	0 0	SW, SW
	8	1650	0	RK
	9	2000	0	RK
	10	1550, 2000	0	RK
	11	1600,	0	SW
	12	1550, 2000	0	SW, SW
	13	1600 - 2050	0 0	SW, SW
	14	1600	0	RK
	15	1600	0	RK
	16	2000	0	JB
	17	1550	0	RK
	18	1550, 2000, 2050	0 0 0	SW, SW, SW
	19	1600, 2050	0 0	SW, SW
	20	1600, 2050	0 0	SW, SW
	21	1600, 2050	0 0	SW, SW
	22	1550	0	RK
	23	2000	0	RK
	24	1550	0	RK
	25	1550, 2000	0 0	SW, SW
	26	1600	0	SW
	27	1550	0	SW
	28	1550, 1950	0 0	SW, SW
	29	1550, 1950	0	RK, RK
	30	1550,	0	SW
	31			

Key Energy
Disposal
Monthly Totals

MAY 09

Barrels Taken In	16,640
Barrels Pumped Away	24,025
Barrels Difference	7,385
Key Hauled Loads	164
Non Key Hauled Loads	0
Total Exempt Loads Hauled	164
NON EXEMPT LOADS (Key Hauled)	22
NON EXEMPT LOADS (NOT Key Hauled)	5
Total NON EXEMT Loads Hauled	27
Total Loads Taken In	191
Average BBL Per Load	87.120
NON EXEMPT LOADS Per BBL	
Exempt Loads Per BBL	
Non Exempt Loads	$ 8160.00
Exempt Loads	13,822.00
Total For Month	$ 21,982.00

MAY 09 128,839

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	193	1734	1734	130,573
02	ø	ø	ø	130,573
03	ø	ø	ø	130,573
04	209	1043	2777	131,616
05	ø	ø	ø	131,616
06	197	1182	3959	132,798
07	ø	ø	ø	132,798
08	194	1458	5417	134,256
09	192	1154	6571	135,410
10	ø	ø	ø	135,410
11	195	975	7546	136,385
12	ø	ø	ø	136,385
13	203	1714	9260	138,099
14	ø	ø	ø	138,099
15	191	1339	10,599	139,438
16	ø	ø	ø	139,438
17	191	1144	11,743	140,582
18	ø	ø	ø	140,582
19	183	1467	13,210	142,049
20	185	2036	15,246	144,085
21	ø	ø	ø	144,085
22	177	1768	17,014	145,853
23	179	1252	18,266	147,105
24	–	–	–	147,105
25	–	–	–	147,105
26	186	1304	19,570	148,409
27	ø	ø	ø	148,409
28	154	1079	20,649	149,488
29	177	1595	22,244	151,083
30	178	1781	24,025	152,864
31	ø	ø	ø	152,864
			24,025	24,025

2402

TUBING AND CASING MONITORING LOG SHEET

YEAR
MONTH MAY 09

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1550, 1900	~~0~~ ~~0~~	~~SW~~, SW
	2	1550, 1900	~~0~~ ~~0~~	RK, RK
	3	1550,	~~0~~	SW
	4	1550, 1950	~~0~~ ~~0~~	SW SW
	5	1550,	~~0~~	SW
	6	1500, 1900	~~0~~ ~~0~~	SW, SW
	7	1500, 1900	~~0~~ ~~0~~	RK, RK
	8	~~2~~000	~~0~~	RK
	9	1600, 2000	~~0~~ ~~0~~	SW SW
	10	1650,	~~0~~	SW
	11	1550, 1950,	~~0~~ ~~0~~	SW SW
	12	1600,	~~0~~	SW
	13	1550, 1900	~~0~~ ~~0~~	SW SW
	14	1550, 1900	~~0~~ ~~0~~	RK, RK
	15	2000, 2200	~~0~~ ~~0~~	RK, RK
	16	1650	~~0~~	SW
	17	1550, 1950	~~0~~ ~~0~~	SW, SW
	18	1650,	~~0~~	SW
	19	1600, 2050	~~0~~ ~~0~~	SW SW
	20	2000, 2250	~~0~~ ~~0~~	RK, RK
	21	1550,	~~0~~	RK
	22	1700, 2100	~~0~~ ~~0~~	RK, RK
	23	1700, 2050	~~0~~, ~~0~~	SW, SW
	24	1700	~~0~~	SW
	25	1650	~~0~~	SW
	26	1600, 2050	~~0~~ ~~0~~	SW, SW
	27	1550, 1900	~~0~~ ~~0~~	RK, RK
	28	2000, 2200	~~0~~ ~~0~~	RK, RK
	29	2000, 2200	~~0~~ ~~0~~	RK, RK
	30	1700, 2150	~~0~~ ~~0~~	SW, SW
	31	1750	~~0~~	SW

Key Energy
Disposal
Monthly Totals

June 09

Barrels Taken In	13,560
Barrels Pumped Away	31,311
Barrels Difference	17,751
Key Hauled Loads	156
Non Key Hauled Loads	7
Total Exempt Loads Hauled	149
NON EXEMPT LOADS (Key Hauled)	8
NON EXEMPT LOADS (NOT Key Hauled)	6
Total NON EXEMT Loads Hauled	14
Total Loads Taken In	163
Average BBL Per Load	83.190
NON EXEMPT LOADS Per BBL	97.142
Exempt Loads Per BBL	81.879
Non Exempt Loads	4080 00
Exempt Loads	20,596 00
Total For Month	$ 24,676 00

JUNE 09

152,864

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	179	1254	1254	154,118
02	173	1904	3158	156,022
03	173	1558	4716	157,580
04	146	1466	6182	159,046
05	215	1288	7470	160,334
06	172	2059	9529	162,393
07	173	3,119	12,648	165,512
08	—	—	—	165,512
09	180	1979	14,627	167,491
10	187	1870	16,497	169,361
11	184	553	17050	169,914
12	—	—	—	169,914
13	174	868	17918	170,782
14	—	—	—	170,782
15	156	389	18307	171,171
16	181	1269	19576	172,440
17	181	1267	20843	173,707
18	185	1,480	22,323	175,187
19	0	0	0	175,187
20	195	1,954	24,277	177,141
21	—	—	—	177,141
22	202	1,816	26,093	178,957
23	—	—	—	178,957
24	200	1,796	27,889	180,753
25	202	809	28,698	181,562
26	—	—	—	181,562
27	188	1,504	30,202	183,066
28	—	—	—	183,066
29	—	—	—	183,066
30	185	1109	31,311	184,175
31				
			31,311	31,311

30,202

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH JUNE 09

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1650, 2000	~~0~~ ~~0~~	SW SW
	2	1700, 2000	~~0~~ ~~0~~	SW SW
	3	1700, 2250	~~0~~ ~~0~~	RK, RK
	4	1650, 2250	~~0~~ ~~0~~	RK, RK
	5	1650, 2300	~~0~~ ~~0~~	RK, RK
	6	1700, 2200	~~0~~ ~~0~~	SW SW
	7	1700, 2200	~~0~~ ~~0~~	SW SW
	8	1800,	~~0~~	SW
	9	1700, 2100	~~0~~ ~~0~~	SW SW
	10	1750, 2400	~~0~~ ~~0~~	RK, RK
	11	1700, 2350	~~0~~ ~~0~~	RK, RK
	12	1750,	~~0~~	SW
	13	1700, 2000	~~0~~ ~~0~~	SW, SW
	14	1700,	~~0~~	SW
	15	1650, 2050	~~0~~ ~~0~~	SW, SW
	16	1650, 2100, 2200	~~0~~ ~~0~~ ~~0~~	SW SW SW
	17	1700, 2350	~~0~~ ~~0~~	SW RK
	18	1700, 2150	~~0~~ ~~0~~	SW SW
	19	1700,	~~0~~	RK,
	20	1700, 2100	~~0~~ ~~0~~	SW, SW
	21	1750,	~~0~~	SW
	22	1700, 2150	~~0~~ ~~0~~	SW, SW
	23	1750,	~~0~~	SW
	24	1700, 2150	~~0~~ ~~0~~	SW, SW
	25	1700, 2300	~~0~~ ~~0~~	RK, RK
	26	1700,	~~0~~	RK,
	27	1650, 2050	~~0~~ ~~0~~	SW, SW
	28	1750,	~~0~~	SW
	29	1700,	~~0~~	SW
	30	1650, 2050	~~0~~ ~~0~~	SW SW
	31			

Key Energy
Disposal
Monthly Totals

July 2009

Barrels Taken In	29,655
Barrels Pumped Away	36,656
Barrels Difference	7,001
Key Hauled Loads	284
Non Key Hauled Loads	18
Total Exempt Loads Hauled	270
NON EXEMPT LOADS (Key Hauled)	17
NON EXEMPT LOADS (NOT Key Hauled)	15
Total NON EXEMT Loads Hauled	32
Total Loads Taken In	302
Average BBL Per Load	98.195
NON EXEMPT LOADS Per BBL	103.437
Exempt Loads Per BBL	97.574
Non Exempt Loads	9,930 00
Exempt Loads	31,695 00
Total For Month	$ 41,625 00

July 09

184,175

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	194	969	969	185,144
02	—	—	—	185,144
03	198	1389	2358	186,533
04	—	—	—	186,533
05	204	613	2971	187,146
06	—	—	—	187,146
07	—	—	—	187,146
08	194	1742	4713	188,888
09	198	792	5,505	189,680
10	—	—	—	189,680
11	195	2,145	7650	191,825
12	—	—	-	191,825
13	189	2,075	9725	193,900
14	198	1783	11508	195,683
15	164	1147	12655	196,830
16	194	1360	14015	198,190
17	189	947	14962	199,137
18	183	1831	16,793	200,968
19	181	725	17,518	201,693
20	164	986	18,504	202,679
21	163	1465	19,969	204,144
22	160	1,918	21,887	206,062
23	181	1,632	23519	207,694
24	193	1,348	24867	209,042
25	181	1,996	26863	211,038
26	180	1,258	28121	212,296
27	183	1,646	29767	213,942
28	183	2,013	31780	215,955
29	177	1329	33,109	217,284
30	181	1,448	34,557	218,732
31	174	2,099	36,656	220,831
				36656

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH July 09

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1700, 2050	ø ø	SW, SW
	2	1700,	ø	RK,
	3	1700, 2300	ø ø	RK, RK
	4	1700,	ø	SW
	5	1650, 2000	ø ø	SW SW
	6	1650,	ø	SW
	7	1600,	ø	SW
	8	1600, 1950	ø ø	RK, SW
	9	1600,	ø	RK,
	10	1700,	ø	SW
	11	1600, 1950	ø ø	SW, SW
	12	1750	ø	SW
	13	1700, 2050	ø ø	SW, SW
	14	1750, 2050, 2100	ø ø ø	SW, SW, SW
	15	1750, 2050, 2050	ø ø	SW SW SW
	16	1700, 1900, 2100	ø, ø, ø	RK, RK, RK
	17	1700,	ø	RK,
	18	1750, 2150	ø, ø	SW, SW
	19	1750, 2100	ø, ø	SW SW
	20	1750, 2100	ø, ø	SW SW
	21	1750, 2050	ø, ø	SW SW
	22	1800, 2050	ø, ø	SW SW
	23	1800, 2100, 2200	ø, ø, ø	SW SW SW
	24	1800, 2200, 2300	ø, ø, ø	RK, RK, RK
	25	1800, 2150	ø, ø	SW, SW,
	26	1800, 2150	ø, ø	SW, SW
	27	1800, 2150	ø, ø	SW, SW
	28	1800, 2200	ø, ø	SW, SW
	29	1800, 2200, 2200	ø, ø ø	SW, SW SW
	30	1800, 2200, 2350	ø ø ø	RK, RK, RK
	31	1800, 2200,	ø ø	RK, RK,

Key Energy Disposal Monthly Totals

August 09

Barrels Taken In	29,289
Barrels Pumped Away	28,124
Barrels Difference	1165
Key Hauled Loads (EXEMPT NOT NON EXEMPT)	298
Non Key Hauled Loads	7
Total Exempt Loads Hauled	286
NON EXEMPT LOADS (Key Hauled)	18
NON EXEMPT LOADS (NOT Key Hauled)	1
Total NON EXEMT Loads Hauled	19
Total Loads Taken In	305
Average BBL Per Load	96.029
NON EXEMPT LOADS Per BBL	~~115.789~~
Exempt Loads Per BBL	~~94.716~~
Non Exempt Loads	6600.00
Exempt Loads	25,100.55
Total For Month	$ 31,700.55

August 09

220,831

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	190	760	760	221,591
02	173	1,382	2,142	222,973
03	160	641	2,783	223,614
04	165	1,482	4,265	225,096
05	169	1,690	5955	226,786
06	174	1,571	7526	228,357
07	175	879	8405	229,236
08	170	1,870	10,275	231,106
09	179	895	11,170	232,001
10	156	780	11,950	232,781
11	161	1,291	13,241	234,072
12	182	1,276	14,517	235,348
13	171	1,199	15,716	236,547
14	150	1,200	16,916	237,747
15	150	0	16,916	237,747
16	168	1,179	18,095	238,926
17	202	1,826	19,921	240,752
18	186	933	20854	241,685
19	0	0	0	241,685
20	168	1,515	22,369	243,200
21	180	1,446	23815	244,646
22	0	0	0	244,646
23	171	684	24,499	245,330
24	—	—	—	245,330
25	158	792	25,291	246,122
26	170	680	25,971	246,802
27	180	542	26,513	247,344
28	—	—	—	247,344
29	181	1269	27,782	248,613
30	—	—	—	248,613
31	171	342	28,124	248,955
				28,124

27,78.

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH August 09

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1800, 2100	0 0	SW, SW
	2	1800, 2050	0 0	SW, SW
	3	1800, 2050	0 0	SW, SW
	4	1800, 2100	0 0	SW, SW
	5	1800, 2380	0 0	SW, RK
	6	1800, 2300, 2200, 2300	0 0 0	RK, RK, RK, RK
	7	1800, 2250, 2250	0 0 0	RK, RK, RK
	8	1750, 2050	0 0	SW, SW
	9	1800, 2100	0 0	SW SW
	10	1800, 2050	0 0	SW SW
	11	1800, 2050	0 0	SW SW
	12	1800, 2300	0 0	RK, RK
	13	1800, 2350	0 0	RK, TS
	14	1800, 2300	0 0	RK, TS
	15	1800, 2300	0 0	TS, TS
	16	1800, 2200	0 0	TS, TS
	17	1800, 2200	0 0	RK, RK
	18	1800, 2200	0 0	RK, RK
	19	1800, 1800	0 0	RK, RK
	20	1800, 2050, 2050, 2050	0 0 0 0	RK, RK, RK, TS
	21	1800, 2050	0 0	RK, RK
	22	1800	0 0	TS, TS
	23	1700, 2000	0 0	SW SW
	24	1750,	0	SW
	25	1700, 1950	0 0	SW TM
	26	1800, 1950	0 0	SW SW
	27	1700, 2150	0 0	RK, RK
	28	1700,	0	RK,
	29	1800,	0	RK,
	30	1750,	0	SW
	31	1700, 1950	0 0	SW SW

Key Energy
Disposal
Monthly Totals

September 09

Barrels Taken In 22,395
Barrels Pumped Away 28,749
Barrels Difference 6,354

EXEMPT LOADS (Key Hauled)	188
EXEMPT LOADS (NOT Key Hauled)	14
Total EXEMPT Loads Hauled	202
NON EXEMPT LOADS (Key Hauled)	18
NON EXEMPT LOADS (NOT Key Hauled)	8
Total NON EXEMPT Loads Hauled	26
Total Loads Taken In	228

Non Exempt Loads	$	7800.00
Exempt Loads	$	19,509.25
Total For Month	$	27,309.25

September 09

248,955

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	—	—	—	248,955
02	—	—	—	248,955
03	—	—	—	248,955
04	—	—	—	248,955
05	—	—	—	248,955
06	—	—	—	248,955
07	—	—	—	248,955
08	166	1,497	1,497	250,452
09	—	—	—	250,452
10	—	—	—	250,452
11	—	—	—	250,452
12				
13				
14	173	345	540	250 797
15	186	743	1283	251,540
16	—	—	—	251,540
17	—	—	—	251,540
18	185	3,141	4,424	254,681
19	189	4540	8964	259,221
20	190	~~45,54~~	13,518	263,775
21	190	4,548	18,066	268323
22	192	1,915	19,981	270,238
23	—	—		270,238
24	—	—	—	270,238
25	194	583	20,564	270,821
26	190	1,526	22,090	~~272,347~~
27	194	1,749	23,839	~~274,096~~
28	206	824	24663	274,920
29	219	1,533	26,196	276,453
30		1,251	27,447	277,704
31				
			28,749	28,749
			+1302	

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH September 09

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1700	0	SW
	2	1700	0	TS
	3	1700	0	RK
	4	1700	0	TS
	5	1700	0	RK
	6	1700	0	SW
	7	1700	0	SW
	8	1700, 1900	0 0	SW SW
	9	1750,	0	SW
	10	1750,	0	RK
	11	1750	0	TF
	12	1750, 1950, 2100	0 0 0	RK, RK, RK
	13	1750, 1900,	0 0	SW SW
	14	1700, 1900	0 0	SW SW
	15	1700, 1850	0 0	SW SW
	16	1700,	0	RK,
	17	1600,	0	SW
	18	1600, 1800,	0 0	SW, SW,
	19	2200,	0	SW
	20	2250	0	SW
	21	2250	0	RK
	22	2250	0	RK
	23	1800	0	SW
	24	1800	0	RK
	25	1800, 2000	0 0	RK, RK
	26	1800, 2000	0 0	RK, TF
	27	1700, 2000	0 0	SW SW
	28	1800, 2050	0 0	SW SW
	29	1750, 1950	0 0	SW SW
	30	1750, 1950	0 0	SW SW
	31			

Key Energy
Disposal
Monthly Totals

October 09

Barrels Taken In	30,960
Barrels Pumped Away	40,952
Barrels Difference	10,262

EXEMPT LOADS (Key Hauled)	294
EXEMPT LOADS (NOT Key Hauled)	5
Total EXEMPT Loads Hauled	299
NON EXEMPT LOADS (Key Hauled)	5
NON EXEMPT LOADS (NOT Key Hauled)	5
Total NON EXEMPT Loads Hauled	10
Total Loads Taken In	309

Non Exempt Loads	$	27,800.40
Exempt Loads	$	2400
Total For Month	$	30,200.40

October 09

277,704

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE	
01	210	1,889	1889	279593	
02	215	1,292	3181	280,885	
03	—	—	—		
04	208	1,459	4640	282,344	
05	201	1511	6,151	283,855	
06	201	2014	8165	285,869	
07	218	653	8818	286,522	
08	212	2,121	10,939	288,643	
09	218	1,967	12,906	301,549	290610
10	211	1,481	14,387	315,936	292091
11	251	1,508	15,895	317,444	293,599
12	257	2,055	17,950	319,499	295654
13	246	1,720	19,670	321,219	297374
14	240	2399	22,069	323,618	299,773
15	238	2,148	24,217	325,766	301,92
16	245	1,957	26,174	327,723	30387
17	211	1,271	27,445	328,994	305,14
18	189	1,515	28,960	330,509	306,664
19	205	615	29,575	331,124	307279
20	140	700	30,275	331,824	307979
21	156	938	31,213	332,762	308917
22	165	1,159	32,372	365,134	310 07
23	177	1,416	33788	398,922	311 49
24	177	1,422	35,210	400,344	312,914
25	182	728	35,938	401,072	313,64
26	154	462	36,400	401,534	314,104
27	153	534	36,934	402,068	314,63
28	150	824	37,758	402,892	315,46
29	168	1010	38,768	403,902	316,472 3876
30	162	649	39,417	317,121	3941
31	171	1,535	40,952	318,656	
				40,952	

TUBING AND CASING MONITORING LOG SHEET

YEAR
MONTH October 09

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1800, 2200	~~0~~, ~~0~~	RK, RK
	2	1800, 2200	~~0~~ ~~0~~	RK, RK
	3	1800,	~~0~~	RK,
	4	2000,	~~0~~	RK
	5	1700, 1900, 1900	~~0~~ ~~0~~ ~~0~~	SW, SW, SW
	6	1750, 1900	~~0~~ ~~0~~	SW, SW,
	7	1750, 2050	~~0~~ ~~0~~	SW, SW
	8	1700, 1950	~~0~~ ~~0~~	SW SW
	9	1700, 2300	~~0~~ ~~0~~	RK, RK
	10	2000, 2200	~~0~~ ~~0~~	RK, RK
	11	1950, 2050	~~0~~ ~~0~~	SW SW
	12	1800, 2000	~~0~~ ~~0~~	SW SW
	13	1750, 2050	~~0~~ ~~0~~	SW SW
	14	1800, 2000	~~0~~ ~~0~~	SW SW
	15	2000, 2200	~~0~~ ~~0~~	RK, RK
	16	1800, 2300	~~0~~ ~~0~~	RK, TS
	17	1800, 2100	~~0~~ ~~0~~	RK, RK
	18	1750, 1950,	~~0~~ ~~0~~	SW SW
	19	1750, 1900	~~0~~ ~~0~~	SW, SW
	20	1750, 1850	~~0~~ ~~0~~	SW SW
	21	1750 1850	~~0~~, ~~0~~	SW SW
	22	1750, 2200	~~0~~ ~~0~~	RK, RK
	23	2050, 2150	~~0~~ ~~0~~	RK, RK
	24	2000, 2200	~~0~~ ~~0~~	RK, RK
	25	1750, 2150	~~0~~ ~~0~~	RK, RK
	26	1750,	~~0~~	NA,
	27	1750, 1850	~~0~~ ~~0~~	NA, NA
	28	1750, 2150	~~0~~ ~~0~~	SW
	29	1750,	~~0~~	RK,
	30	1750, 1950	~~0~~ ~~0~~	SW, SW
	31	1750, 1950	~~0~~ ~~0~~	SW, SW

Key Energy Disposal Monthly Totals

November 09

Barrels Taken In	38,620
Barrels Pumped Away	39,263
Barrels Difference	643

EXEMPT LOADS (Key Hauled)	274
EXEMPT LOADS (NOT Key Hauled)	40
Total EXEMPT Loads Hauled	314
NON EXEMPT LOADS (Key Hauled)	12
NON EXEMPT LOADS (NOT Key Hauled)	66
Total NON EXEMPT Loads Hauled	78
Total Loads Taken In	392

Non Exempt Loads	$	25,625.00
Exempt Loads	$	27,173.20
Total For Month	$	52,798.20

NOVEMBER 09

318,656

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	165	988	988	319,644
02	159	796	1784	320,440
03	156	935	2719	321,375
04	162	1296	4015	~~325,390~~ 322,671
05	161	1450	5465	~~330,855~~ 324,121
06	157	942	6407	~~337,262~~ 325,063
07	161	645	7,052	325,708
08	163	814	7,866	326,522
09	153	1,072	8,938	327,594
10	161	1,448	10,386	329,042
11	156 156	934	11,320	329,976
12	155	1397	12,717	331,373
13	157	784	13,501	332,157
14	165	826	14,327	332,983
15	—	—	—	332,983
16	162	1136	15,463	334,119
17	163	1303	16,766	335,422
18	163	~~1299~~ ~~1300~~	18065	336 721
19	170	1526	19,591	338,247
20	167	1499	21,090	339,746
21	165	1,323	22,413	341,069
22	159	797	23,210	341,866
23	160	1680	24,890	343,546
24	159	~~3174~~	28,064	346,720
25	155	2953	31,017	349,673
26	173	1558	32575	351,231
27	144	2,516	35,091	353,747 35,091
28	124	1,423	36,514	355,170
29	124	1,116	37,630	356,286
30	126	1,633	39,263	357,919
31				
				39,263

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH NOVEMBER 09

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1750, 1900	ø ø	SW, SW
	2	1750, 1900	ø ø	SW, SW
	3	1750, 1950	ø	SW
	4	1750, 1950	ø ø	SW, JM
	5			
	6			
	7	1750, 1950	ø ø	SW, SW
	8	1750, 1950	ø ø	SW SW
	9	1750, 1950	ø ø	SW, SW
	10	1750, 1950	ø ø	SW SW
	11			
	12			
	13			
	14	1750, 1950	ø ø	SW, SW
	15	1750,	ø	SW
	16	1700, 1950, 2050	ø ø ø	SW, SW, SW
	17	1750, 1950,	ø ø	SW, SW
	18			
	19			
	20			
	21	1750, 2000	ø ø	SW, SW
	22	1750, 2000	ø ø	SW, SW
	23	1750, 1950	ø ø	SW, SW
	24	1800, 2050	ø ø	SW, SW
	25	1950, 2000	ø ø	SW, SW
	26			
	27			
	28	1950, 2000	ø ø	SW, SW
	29	1800, 1900	ø ø	SW, SW
	30	1850, 1950	ø ø	SW, SW
	31			

Key Energy
Disposal
Monthly Totals

December 09

Barrels Taken In 32,767
Barrels Pumped Away 32,890
Barrels Difference 123

EXEMPT LOADS (Key Hauled)	240
EXEMPT LOADS (NOT Key Hauled)	26
Total EXEMPT Loads Hauled	266
NON EXEMPT LOADS (Key Hauled)	9
NON EXEMPT LOADS (NOT Key Hauled)	60
Total NON EXEMPT Loads Hauled	69
Total Loads Taken In	335

Non Exempt Loads	$	20,617.50
Exempt Loads	$	23,771.00
Total For Month	$	44,388.50

December 09

357,919

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	130	1,816	1816	359,735
02	172	3,274	5090	363,009
03	197	3736	8826	366,745
04	201	1,608	10 434	368,353
05	—	—	—	368,353
06	165	1158	11,592	369,511
07	187	1,680	13,272	371,191
08	—	—	—	371,191
09	192	1152	14,424	372,343
10	180	901	15 325	373,244
11	184	1286	16,611	374,530
12	187	1123	17,734	375,653
13	186	929	18,663	376,582
14	—	—	—	376,582
15	182	1273	19936	377,855
16	—	—	—	377,855
17	171	1197	21133	379,052
18	185	926	22059	379978
19	143	1142	23,201	381,120
20	—	—	—	381,120
21	160	1122	24,323	382,242
22	156	1405	25,728	383,647
23	159	957	26685	384,604
24	166	1326	28011	385,930
25	-	—	28051	385,970
26	-	—	-	385970
27	160	1043	29,094	387,013
28	157	705	29,799	387,718
29	155	1240	31,039	388,958
30	154	926	31,965	389,884
31	154	925	32,890	390,809
				32.890

31039

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH December 09

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1950, 1950	0 0	SW, SW
	2			
	3			
	4			
	5	1850,	0	SW
	6	1800, 2050	0 0	SW, SW
	7	1800, 2050	0 0	SW, SW
	8	1800	0	SW
	9			
	10			•
	11	1800, 2050	0 0	SW, SW
	12	1800, 2000	0 0	SW, SW
	13	1800, 2000	0 0	SW, SW
	14	1800,	0	SW,
	15	1750, 2000	0, 0	SW, SW
	16			
	17			
	18			
	19	1750, 2000	0 0	SW, SW
	20			
	21	1700, 2000	0 0	SW SW
	22	1750, 1950	0 0	SW, SW
	23			
	24			
	25			
	26	1750	0	SW
	27	1700, 1950	0 0	SW, SW
	28	1750, 1900	0 0	SW, SW
	29	1750, 1950	0 0	SW SW
	30			
	31			

Key Energy
Disposal
Monthly Totals

JAN., 08

Barrels Taken In 47,130
Barrels Pumped Away 86,166
Barrels Difference 39,036

EXEMPT LOADS (Key Hauled)	485
EXEMPT LOADS (NOT Key Hauled)	4
Total EXEMPT Loads Hauled	489
NON EXEMPT LOADS (Key Hauled)	9
NON EXEMPT LOADS (NOT Key Hauled)	0
Total NON EXEMPT Loads Hauled	9
Total Loads Taken In	498

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

JANUARY 08

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	180	4324	4,324	4324
02	173	3910	8234	8,234
03	168	3,187	11,421	11,421
04	166	3,729	15,150	15,150
05	174	4,168	19318	19318
06	176	3,882	23200	23200
07	167	2,756	25956	25,956
08	156	2,967	28,923	28923
09	133	2263	31,186	31,186
10	86	1,943	33,129	33,129
11	84	2005	35,134	35,134
12	88	2110	37,244	37,244
13	86	1,886	39,130	39130
14	89	1,612	40,742	40,742
15	88	2130	42,872	42,872
16	88	1,931	44,803	44,803
17	84	2026	46,829	46,829
18	83	1,997	48,826	48,826
19	81	1,953	50779	50,779
20	78	1,705	52,484	52,484
21	83	990	53,474	53,474
22	85	514	53,988	53,988
23	134	3073	57,061	57,061
24	160	3858	60,919	60,919
25	160	3861	64,780	64,780
26	161	3,875	68,655	68,655
27	154	3,393	72,048	72,048
28	160	2861	74,909	74,909
29	160	3,829	78738	78,738
30	161	3,547	82,285	82,285
31	162	3,881	86,166	86,166

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH JANUARY 08

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2150	0	LS
	2	2250	0	LS
	3	2250	0	LS
	4	2250	0	LS
	5	2250	0	LS
	6	2250	0	JS
	7	1900	0	RFR.
	8	2250 5pk	0	LS
	9	2250 - 1900	0	LS
	10	2000	0	LS
	11	2000	0	LS
	12	2000	0	LS
	13	2050	0	JS
	14	1850	0	RFR.
	15	2150	0	LS
	16	2050	0	LS
	17	2100	0	LS
	18	2100	0	LS
	19	2100	0	LS
	20	2100	0	JS
	21	1900	0	RFR
	22	1900	0	SW
	23	2000	0	LS
	24	2300	0	LS
	25	2350	0	LS
	26	2350	0	LS
	27	2350	0	JS
	28	2150	0	RR
	29	2350	0	LS
	30	2350	0	LS
	31	2350	0	LS

Key Energy Disposal Monthly Totals

Feb., 08

Barrels Taken In	49,415
Barrels Pumped Away	62,617
Barrels Difference	13,202

EXEMPT LOADS (Key Hauled)	525
EXEMPT LOADS (NOT Key Hauled)	5
Total EXEMPT Loads Hauled	530
NON EXEMPT LOADS (Key Hauled)	14
NON EXEMPT LOADS (NOT Key Hauled)	2
Total NON EXEMPT Loads Hauled	16
Total Loads Taken In	546

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

FED-08

86,166

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	159	3732	3732	89,898
02	160	3,850	7582	93,748
03	162	3,317	10,899	97,065
04	163	2943	13,842	100,008
05	162	3875	17,717	103,883
06	161	3863	21,580	107,746
07	164	3272	24,852	111,018
08	168	2017	26,869	113,035
09	195	2,529	29,398	115,564
10	85	1,775	31,173	117,339
11	169	1,017	32,190	118,356
12	162	2188	34,378	120,544
13	159	1747	36,125	122,291
14	167	2513	38,638	124,804
15	168	2191	40,829	126,995
16	166	2,238	43,067	129,233
17	167	1167	44,234	130,400
18	169	1353	45,587	131,753
19	164	2144	47,731	133,897
20	132	1653	49,384	135,550
21	86	2069	51,453	137,619
22	79	1189	52,642	138,808
23	84	2011	54,653	140,819
24	83	950	55,603	141,769
25	86	520	56,123	142,289
26	91	11.83	57,306	143,472
27	79	9.53	58,259	144,425
28	121	1822	60,081	146,247
29	169	2536	62,617	148,783
30				
31				
				62,617

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH 7-08

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2350	0	LS
	2	2350	0	LS
	3	2350	0	JS
	4			
	5	2350	0	LS
	6	2350	0	LS
	7	2350	0	LS
	8	2350	0	LS
	9	2350	0	LS
	10	2050	0	JS
	11	2100	0	SW
	12	2350 - 2050	0	LS - SW
	13	2100 -	0	LS -
	14	2100 - 2050	0	LS - SW
	15	2150 -	0	LS -
	16	2250 - 2000	0	LS - SW
	17			
	18	1900 -	0	SW -
	19	2250 - 2000	0 0	LS - SW
	20	2250 -	0 -	LS -
	21	1900	0 -	LS -
	22	2000 -	0 -	LS -
	23	2000 -	0 -	LS -
	24	2000	0	JS
	25	1800	0	SW -
	26	2000 - 1850	0 0	LS - SW
	27	1950 -	0 -	LS -
	28	1950 - 2000	0 - 0	LS - SW
	29	2250 -	0 -	LS -
	30			
	31			

Key Energy Disposal Monthly Totals

March, 08

Barrels Taken In 86,497
Barrels Pumped Away 71,535
Barrels Difference 14,962

EXEMPT LOADS (Key Hauled)	839
EXEMPT LOADS (NOT Key Hauled)	56
Total EXEMPT Loads Hauled	895
NON EXEMPT LOADS (Key Hauled)	15
NON EXEMPT LOADS (NOT Key Hauled)	30
Total NON EXEMPT Loads Hauled	45
Total Loads Taken In	940

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

MARCH-08

148,783

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	165	2315	2315	151,098
02	165	1,316	3,631	152,414
03	163	1,143	4,774	153,557
04	162	2,272	7,046	155,829
05	159	2,224	9,270	158,053
06	162	2436	11,706	160,489
07		0		
08		0		
09	161	6103	17809	166,592
10	84	585	18,394	167,177
11	82	1962	20,356	169,139
12	81	775	21,131	169,914
13	83	1997	23,128	171,911
14	83	2013	25,141	173,924
15	114	2,678	27,819	176,602
16	154	3,380	31,199	179,982
17	165	1,159	32,358	181,141
18	161	2740	35,098	183,881
19	161	3862	38,960	187,743 *
20	159	3807	42,767	191,550
21	158	3793	46,560	195,343
22	160	3,829	50,389	199,172
23	163	3,424	53,813	202,596
24	155	26,47	56,460	205,243 *
25	158	3,790	60,250	209,033
26	117	2,747	62,997	211,780
27	82	1,713	64,710	213,493
28	75	1,788	66,498	215,281
29	81	1,954	68,452	217,235
30	83	1,747	70,199	218,982
31	59	1,336	71,535	220,318
				71,535

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH MARCH-08

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2250 - 2050	0 - 0	LS - SW
	2	2275 -	0 -	JS -
	3	1950	0	SW
	4	2250 - 2000	0 - 0	LS - SW
	5	2850 -	0 -	LS -
	6	2250 - 1950	0 - 0	LS - SW
	7	2250 -	0 -	LS -
	8	2050 -	0	SW -
	9			
	10	1800 - 1975	0 - 0	SW - LS
	11	1975 - 2000	0 - 0	LS - LS
	12	2000 - 2000	0 - 0	LS - LS
	13	2000 - 2000	0 - 0	LS - LS
	14	2000 - 2050	0 - 0	LS - LS
	15	2050 - 2100	0 - 0	- SW
	16			
	17	1850 - 2000	0	- SW
	18	2050 - 2100	0 - 0	LS - SW
	19	2250 - 2250	0 - 0	LS - LS
	20	2250 - 2350	0 - 0	LS - LS
	21	2350 - 2350	0 - 0	LS - LS
	22	2350 - 2350	0 - 0	LS - LS
	23	2350 -		JS
	24	1900 -		
	25	2350 - 2350	0 - 0	LS - LS
	26	2350 - 2000	0 - 0	LS - LS
	27	2000 - 1950	0 - 0	LS - SW
	28	2000 - 2000	0 - 0	LS -
	29	2000 -	0 -	
	30	2050 -	0	JS
	31	2000		

Key Energy
Disposal
Monthly Totals

April, 08

Barrels Taken In 83,625
Barrels Pumped Away 86,835
Barrels Difference 3,210

EXEMPT LOADS (Key Hauled)	410
EXEMPT LOADS (NOT Key Hauled)	55
Total EXEMPT Loads Hauled	465
NON EXEMPT LOADS (Key Hauled)	112
NON EXEMPT LOADS (NOT Key Hauled)	384
Total NON EXEMPT Loads Hauled	496
Total Loads Taken In	961

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

APRIL 08

220,318

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	80	1916	1916	222,234
02	81	1945	3861	224,179
03	68	1571	5432	225,750
04	81	1963	7395	227,713
05	80	1,928	9323	229,641
06	80	1,698	11,021	231,339
07	94	1,374	12,395	232,711
08	94	1,792	14,187	234,503
09	119	2,447	16,634	236,950
10	167	4018	20,652	240,968
11	173	3913	24,565	244,881
12	171	4121	28,686	249,002
13	~~158~~ ~~172~~	3795	32481	252,797
14	173	3471	35,952	256,268
15	172	4125	40,077	260,393
16	172	4129	44,206	264,522
17	172	4119	48,325	268,641
18	172	4125	52,450	272,766
19	172	4,119	56,569	276,885
20	173	3,625	60,194	280,510
21	175	2,724	62,918	283,234
22	175	3938	66,856	287,172
23	172	4134	70,990	291,306
24	172	3960	74,950	295,266
25	172	4141	79,091	299,407
26	172	4,138	83,229	303,545
27	172	3,608	86,837	307,153
28	—	—	—	—
29	—	—	—	—
30	—	—	—	—
31				

86837

86835

Key Energy
Disposal
Monthly Totals

MAY, 08

Barrels Taken In 33,685
Barrels Pumped Away 16,967
Barrels Difference 16,718

EXEMPT LOADS (Key Hauled)	360
EXEMPT LOADS (NOT Key Hauled)	14
Total EXEMPT Loads Hauled	374
NON EXEMPT LOADS (Key Hauled)	14
NON EXEMPT LOADS (NOT Key Hauled)	8
Total NON EXEMPT Loads Hauled	22
Total Loads Taken In	396

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH APRIL 08

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2000 - 2050	0 - 0	LS - LS
	2	2050 - 2050	0 - 0	LS - LS
	3	2050 - 2050	0 - 0	LS - SW
	4	2050 - 2050	0 - 0	LS - RK
	5	2050 - 2050	0 - 0	LS - JH
	6	2050 -	0 -	JH -
	7	1900 - 2150	- 0	LS
	8	2100 - 2050	0	LS
	9	2050 - 1950 - 2150	0 - 0 0	LS SW SW
	10	2350 - 2300	0 - 0	LS - LS
	11	2300 - 2350	0 - 0	LS LS
	12	2300 - 2350	0 0	RK LS
	13	2350 - 2100	0 - 0	LS - SW
	14	2350 - 2150	0 - 0	RK - SW
	15	2350 -	0 -	LS
	16	2350 - 2350	0 - 0	LS - RK
	17	2350 -	0 -	LS
	18	2350 -	0 -	LS
	19	2350	0	LS
	20	2350 -	0 -	JH
	21	2100 -	0	SW
	22	2350 - 2200	0 - 0	LS SW
	23	2350 - 2350	0 - 0	LS - RK
	24	2350 - 2200	0 - 0	LS - SW
	25	2350 -	0 -	LS
	26	2350 -	0 -	LS
	27	2350 -	0	JS
	28	OFF 1800	0	
	29	OFF 1700	0	
	30	OFF 1700	0	
	31			

MAY-08

307,153

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	—	—	—	307,153
02	—	—	—	
03	—	—	—	307,153
04	—	—	—	307,153
05	—	—	—	307,153
06	—	—	—	307,153
07	65	973	973	308,126
08	63	946	1919	309,072
09	57	854	2773	309,926
10	54	815	3588	310,741
11	56	838	4,426	311,579
12	54	814	5,240	312,393
13	55	834	6,074	313,227
14	61	655	6,629	313,782
15	52	774	7,403	314,556
16	57	850	8,253	35,406
17	55	818	9,071	316,224
18	53	851	9,922	317,075
19	52	825	10,747	317,900
20	54	703	11,450	318,603
21	51	823	12,273	319,426
22	48	722	12,995	320,148
23	48	774	13,769	320,922
24	50	796	14,565	321,718
25	—	—	—	11
26	—	—	—	321,718
27	46	738	15,394	322,456
28	53	849	16,243	323,305
29	51	815	17,058	324,120
30	—	—	—	324,120
31	—	—	—	324,120

16,967

16,967

TUBING AND CASING MONITORING LOG SHEET

YEAR
MONTH May-08

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	0	0	
	2	0	0	
	3	0	0	SW
	4	0	0	SW
	5	0	0	SW
	6	0	0	
	7	1550 -1750	0 0	SW
	8	1700 -	0	SW
	9	1700 -	0	SW
	10	1700 -	0	SW
	11	1700 -	0	SW
	12	1700 -	0	SW
	13	1700	0	SW
	14	1700 1550	0 0	LS LS
	15	1700 -	0 -	
	16	1700 -	0 -	
	17	1700 -	0	SW
	18	1700 -	0	SW
	19	1700 -	0	SW
	20	1700 - 1800	0 0	SW SW
	21	1700 -	0	SW
	22	1700 -	0 -	
	23	1700 -	0	SW
	24	1700 -	0	SW
	25	—	—	SW
	26	—	—	
	27	1650 -	0	SW
	28	1700 -	0	SW
	29	1700 -	0	
	30	—	—	SW
	31	—	0	SW

Key Energy
Disposal
Monthly Totals

JUNE, 08

Barrels Taken In 38,696
Barrels Pumped Away 17,925
Barrels Difference 20,771

EXEMPT LOADS (Key Hauled)	422
EXEMPT LOADS (NOT Key Hauled)	15
Total EXEMPT Loads Hauled	437
NON EXEMPT LOADS (Key Hauled)	14
NON EXEMPT LOADS (NOT Key Hauled)	5
Total NON EXEMPT Loads Hauled	19
Total Loads Taken In	456

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

JUNE 08

324,120

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	—	—	—	324,120
02	52	832	832	324,952
03	41	655	1487	325,607
04	173	2,589	4076	328,196
05		0		
06	172	2,753	6829	330,949
07	11	160	6989	331,109
08	10	158	7147	331,267
09	6	48	7195	331,315
10	—	—	—	331,315
11	—	—	—	331,315
12	167	2,334	9,529	333,649
13	—	—	—	333,649
14	175	2,270	11,799	335,919
15	—	—	—	335,919
16	—	—	—	335,919
17	—	—	—	335,919
18	—	—	—	335,919
19	170	2,953	14,352	338,872
20	170	2,464	16,816	340,936
21	—	—	—	340,936
22	—	—	—	340,936
23	171	1109	17,925	342,045
24	—	—	—	11 11
25	—	—	—	342,045
26	—	—	—	
27	—	—	—	342,045
28	—	—	—	342,045
29	—	—	—	
30	—	—	—	342,045
31				
			17,925	17,925

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH JUNE 08

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1500	0	SW
	2	1700	0	SW
	3	1700	0	SW
	4	1900 --	0	SW
	5	1500	0	[illegible]
	6	1900	0	SW
	7	1700	0	SW
	8	1700	0	SW
	9	1600	0	SW
	10	1500	0	SW
	11	1500	0	[illegible]
	12	1850	0	[illegible]
	13	1500	0	SW
	14	1850 - 1850	0	SW JS
	15	1500	0	SW
	16	1500	0	SW
	17	1500	0	SW
	18	1500	0	SW
	19	1850	0	[illegible]
	20	1850	0	[illegible]
	21	1600	0	SW
	22	1700	0	SW
	23	1850	0	SW
	24	1700	0	SW
	25	1700	0	SW
	26	1700	0	[illegible]
	27	1700	0	[illegible]
	28	1500	0	SW
	29	1500	0	SW
	30	1500	0	SW
	31			

1650 30 Day Average

Key Energy
Disposal
Monthly Totals

July , 08

Barrels Taken In 54,175
Barrels Pumped Away 40,386
Barrels Difference 13,789

EXEMPT LOADS (Key Hauled)	581
EXEMPT LOADS (NOT Key Hauled)	8
Total EXEMPT Loads Hauled	589
NON EXEMPT LOADS (Key Hauled)	19
NON EXEMPT LOADS (NOT Key Hauled)	11
Total NON EXEMPT Loads Hauled	30
Total Loads Taken In	619

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

July 08

342,045

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	—	—	—	342,045
02	—	—	—	342,045
03	—	—	—	342,045
04	—	—	—	342,045
05	—	—	—	342,045
06	—	—	—	342,045
07	—	—	—	342,045
08	—	—	—	342,045
09	—	—	—	342,045
10	—	—	—	342,045
11	171	2908	2908	344,953
12	171	4107	7015	349,060
13	171	3,927	10942	352,987
14	170	4089	15031	357,076
15	170	1,534	16565	358,610
16	—	—	—	358,610
17	—	—	—	358,610
18	—	—	—	358,610
19	170	29	16,594	358639
20	181	181	16,775	358,820
21	167	999	17,774	359,819
22	169	2366	20,140	362,185
23	171	2397	22,537	364,582
24	175	1840	24377	366,422
25	170	2,380	26757	368,802
26	174	2518	29,275	371,320
27	174	2,085	31,360	373,405
28	171	2,056	33,416	375,461
29	178	2,664	36,080	378,125
30	173	4,140	40,220	382,265
31	55	166	40,386	~~38459~~ 382,431
				40,386

TUBING AND CASING MONITORING LOG SHEET

YEAR
MONTH July 08

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1500	0	SW
	2	1500	0	SW
	3	1500	0	LD
	4	1400	0	LD
	5	1450	0	SW
	6	1450	0	SW
	7	1450	0	SW
	8	1400	0	SW
	9	1400	0	SW
	10	1450	0	SW
	11	1650	0	SW
	12	2100	0	SW
	13	2150	0	SW
	14	2150	0	SW
	15	2150	0	LD
	16	1900	0	SW
	17	1700	0	SW
	18	1600	0	SW
	19	1600	0	LD
	20	1700	0	SW
	21	1750	0	SW
	22	1400	0	SW
	23	1400	0	SW
	24	1950	0	RK
	25	1950	0	LD
	26	1100	0	SW
	27	1100	0	SW
	28	1700	0	SW
	29	1650	0	SW
	30	1600	0	SW
	31			

Key Energy
Disposal
Monthly Totals

August, 08

Barrels Taken In 68,582
Barrels Pumped Away 95,294
Barrels Difference 26,712

EXEMPT LOADS (Key Hauled)	725
EXEMPT LOADS (NOT Key Hauled)	29
Total EXEMPT Loads Hauled	754
NON EXEMPT LOADS (Key Hauled)	8
NON EXEMPT LOADS (NOT Key Hauled)	15
Total NON EXEMPT Loads Hauled	23
Total Loads Taken In	777

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

August 2008 382,431

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	169	1,185	1185	383,616
02	173	4,142	5327	387,758
03	172	4,117	9,444	391,875
04	171	4,112	13,556	395,987
05	171	4,107	17,663	400,094
06	171	4,115	21,778	404,209
07	177	799	22,577	405,008
08	168	2,524	25,101	407,532
09	172	2,935	28,036	410,467
10	170	3,066	31,102	413,533
11	170	2,888	33,990	416,421
12	170	3,165	37,155	419,586
13	172	2,747	39,902	422,333
14	170	3,236	43,138	425,569
15	172	3,604	46,742	429,173
16	174	3,396	50,138	432,569
17	168	3,365	53,503	435,934
18	153	3,367	56,870	439,301
19	167	3695	60565	442,996
20	165	2488	63,053	445,484
21	166	3,974	67,027	449,458
22	168	4,021	71,048	453,479
23	168	3,870	74,918	457,349
24	170	3,905	78,823	461,254
25	144	2,738	81,561	463,992
26	166	2,486	84,047	466,478
27	168	1,343	85,390	467,821
28	—	1	1	467,821
29	166	2,401	87,791	470,222
30	166	3,486	91,277	473,708
31	169	3,017	95,294	477,725
				95,294

TUBING AND CASING MONITORING LOG SHEET
YEAR 2008
MONTH AUGUST

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1950	0	[illegible]
	2	2100	0	SW
	3	2100	0	SW
	4	2100	0	SW
	5	2100	0	SW
	6	2100	0	SW
	7	0	0	[illegible]
	8	1950	0	[illegible]
	9	1950	0	[illegible]
	10	2100	0	[illegible]
	11	1900	0	SW
	12	1900	0	SW
	13	1900	0	SW
	14	2100	0	[illegible]
	15	2100	0	SW
	16	2100	0	SW
	17	2000	0	SW
	18	2100	0	SW
	19	2100	0	SW
	20	2000	0	SW
	21	2000	0	[illegible]
	22	2100	0	SW
	23	2100	0	SW
	24	2100	0	SW
	25	2100	0	SW
	26	2100	0	[illegible]
	27	2100	0	[illegible]
	28	1800	0	SW
	29	1850	0	SW
	30	2100	0	SW
	31	2100	0	SW

Key Energy
Disposal
Monthly Totals

September, 08

Barrels Taken In 65,821
Barrels Pumped Away 62,730
Barrels Difference 3,091

EXEMPT LOADS (Key Hauled)	704
EXEMPT LOADS (NOT Key Hauled)	14
Total EXEMPT Loads Hauled	718
NON EXEMPT LOADS (Key Hauled)	16
NON EXEMPT LOADS (NOT Key Hauled)	8
Total NON EXEMPT Loads Hauled	24
Total Loads Taken In	742

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

September 08 477,725

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	—	—	—	477,725
02	—	—	—	477,725
03	—	—	—	477,725
04	9	~~43~~	43	477,768
05	~~175~~	~~877~~	~~920~~	477,768
06	175	877	920	478,645
07	143	3,425	4345	482,070
08	134	3,159	7504	485,229
09	134	3,155	10,659	488,384
10	114	1,819	12,478	490,203
11	102	2,455	14,933	492,658
12	100	1,805	16,738	494,463
13	94	1,499	18,237	495,962
14	95	2,269	20,506	498,231
15	93	934	21,440	499,165
16	98	1,919	23,359	501,084
17	93	2,225	25,584	503,309
18	85	2,048	27,632	505,357
19	147	2,418	30,050	507,775
20	183	2563	32,613	510,338
21	184	1,654	34,267	511,992
22	185	2,955	37,222	514,947
23	191	2,685	39,907	517,632
24	194	3,108	43,015	520,740
25	193	3,481	46,496	524,221
26	182	2,917	49,413	527,138
27	208	2,908	52,321	530,046
28	204	3,258	55579	533,304
29	204	3,663	59,242	536,967
30	205	~~3,488~~	62,730	540,455
31				
				62,730

TUBING AND CASING MONITORING LOG SHEET
YEAR 08
MONTH SEPTEMber

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1500	0	SW
	2	1500	0	SW
	3	1500	0	SW
	4	1500	0	SW
	5	1500	0	SW
	6	1800	0	SW
	7	2100	0	SW
	8	2100	0	SW
	9	2100	0	SW
	10	2100	0	LS
	11	2100	0	LS.
	12	1900	0	SW
	13	1900	0	SW
	14	2000	0	SW
	15	1500 - 1850	0 - 0	SW SW
	16	2000	0	SW
	17	2,000	0	SW
	18	2,000	0	LS
	19	2,000 - 2000	0 0	SW SW
	20	2300	0	SW
	21	21500	0	SW
	22	2050	0	SW
	23	2050	0	SW
	24	2050	0	SW
	25	2,150	0	LS
	26	2,150	0	LS
	27	2100	0	SW
	28	2100	0	SW
	29	2100	0	SW
	30	2100	0	SW
	31			

Key Energy
Disposal
Monthly Totals

October , 08

Barrels Taken In 72,203
Barrels Pumped Away 94,482
Barrels Difference 22,279

EXEMPT LOADS (Key Hauled)	771
EXEMPT LOADS (NOT Key Hauled)	15
Total EXEMPT Loads Hauled	786
NON EXEMPT LOADS (Key Hauled)	9
NON EXEMPT LOADS (NOT Key Hauled)	6
Total NON EXEMPT Loads Hauled	15
Total Loads Taken In	801

Non Exempt Loads	$	.
Exempt Loads	$	.
Total For Month	$	.

October 08

540,455

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	214	3,214	3,214	543,669
02	227	4,089	7,303	547,758
03	235	4,234	11,537	551,992
04	234	4,324	15,861	556,316
05	226	2,709	18,570	559,025
06	212	2,654	21224	561,679
07	209	3,763	24,987	565,442
08	204	2,454	27,441	567,896
09	223	4,006	31,447	571,902
10	236	4,004	35451	575,906
11	204	3,987	39,438	579,893
12	196	3,722	43,160	583,615
13	188	1,879	45,039	585,494
14	185	3,051	48,090	588,545
15	169	3,798	51,888	592,343
16	158	3,786	55,674	596,129
17	150	3,145	58,819	599,274
18	134	2,675	61,494	601,949
19	125	3,005	64,499	604 954
20	104	1,985	66,484	606,939
21	—	—	—	606,939
22	—	—	—	606,939
23	272	3808	70292	610,747
24	270	3774	74066	614521
25	271	2,984	77050	617505
26	259	2,845	79,895	620,350
27	258	4,133	84,028	624,483
28	260	4,163	88191	628,646
29	282	4,512	92,703	633,158
30	—	5	—	
31	—	1779	94,482	634,937
				94,482

TUBING AND CASING MONITORING LOG SHEET

YEAR
MONTH OCTOBER 06

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2100	~~0~~	SW
	2	2200	0	~~LS~~
	3	2200	0	~~LS~~
	4	2250	0	~~LS~~
	5	2050	0	~~LS~~
	6	2100	0	~~LS~~
	7	2100	0	~~LS~~
	8	2100	0	~~LS~~
	9	2250	0	~~LS~~
	10	2300	~~0~~	~~LS~~
	11	2350	~~0~~	SW
	12	2100	~~0~~	SW
	13	2050	~~0~~	SW
	14	2050	~~0~~	SW
	15	2100	~~0~~	SW
	16	2050	0	LS
	17	2150	0	LS
	18	2000	~~0~~	SW
	19	2100	~~0~~	SW
	20	2100	~~0~~	SW
	21	2000	~~0~~	SW
	22	1800	~~0~~	SW
	23	2100	~~0~~	SW
	24	2100	~~0~~	SW
	25	2100	~~0~~	SW
	26	2100	~~0~~	NJ
	27	2200	~~0~~	SW
	28	2200	~~0~~	SW
	29	2100	~~0~~	SW
	30	2300	0	LS
	31	2300	0	LS

Key Energy Disposal Monthly Totals

NOVEMBER, 08

Barrels Taken In 64,044
Barrels Pumped Away 74,513
Barrels Difference 10,469

EXEMPT LOADS (Key Hauled)	723
EXEMPT LOADS (NOT Key Hauled)	1
Total EXEMPT Loads Hauled	724
NON EXEMPT LOADS (Key Hauled)	22
NON EXEMPT LOADS (NOT Key Hauled)	0
Total NON EXEMPT Loads Hauled	22
Total Loads Taken In	746

Non Exempt Loads	$	.
Exempt Loads	$	.
Total For Month	$	.

NOV-08

634,937

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	136	3264	3264	638,201
02	132	3166	6430	641,367
03	89	1028	7458	642,395
04	82	1311	8769	643,706
05	115	633	9402	644,339
06	187	3,843	13245	648,182
07	195	4,691	17,936	652,873
08	~~200~~ 201	1203	19139	654,076
09	202	3030	22169	657,106
10	185	3048	25,217	660,154
11	176	3865	29,082	664,019
12	178	3656	32738	667,675
13	186	2506	35244	670,181
14	175	3316	38560	673497
15	151	3624	42,184	677121
16	151	1966	44,150	679,087
17	149	2979	47,129	682,066
18	142	2124	49,253	684,190
19	125	1749	51,002	685,939
20	123	1,107	52109	687,046
21	122	2,009	54118	689,055
22	110	2,137	56,255	691,192
23	114	2,514	58,769	693,706
24	106	2,390	61,159	696,096
25	99	2,105	63,264	698,201
26	146	2,636	65,900	700,837
27	176	2,556	68,456	703,393
28	187	2,336	70,792	705,729
29	174	1,912	72,704	707,641
30	190	1,809	74,513	709,450
31				
				74,513

TUBING AND CASING MONITORING LOG SHEET

YEAR 2008

MONTH NOV

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2300	0	SW
	2	2250	0	SW
	3	1950 - 2050	0 0	SW SW
	4	2050	0	SW
	5	1900	0	SW
	6	2300 - 2500	0 0	SW RK
	7	2650	0	LS
	8	2300	0	SW
	9	2300	0	SW
	10	2300	0	SW
	11	2400	0	SW
	12	2300	0	SW
	13	2300	0	LS
	14	2350	0	LS
	15	2350	0	SW
	16	2300	0	SW
	17	2200	0	SW
	18	2250 - 2000	0 0	SW LS
	19	2200 - 2150 2150	0 0 0	SW SW SW
	20	0 - 1950	0	SW
	21	2250 - 2150	0	LS - LS
	22	2100, 2100, 2100	0 0 0	SW SW SW
	23	2100,	0	SW
	24	2250 - 2150	0 - 0	LS - RK
	25	2250 -	0 -	LS
	26	2050 -	0	SW
	27	2300 - 2200	0 - 0	SW RK
	28	2050 - 2200	0 -	LS
	29	2400 - 2250	0 - 0	LS LS
	30	2300 -	0	LS
	31			

Key Energy
Disposal
Monthly Totals

December, 08

Barrels Taken In 60,729
Barrels Pumped Away 58,922
Barrels Difference 1,807

EXEMPT LOADS (Key Hauled)	698
EXEMPT LOADS (NOT Key Hauled)	4
Total EXEMPT Loads Hauled	702
NON EXEMPT LOADS (Key Hauled)	25
NON EXEMPT LOADS (NOT Key Hauled)	4
Total NON EXEMPT Loads Hauled	29
Total Loads Taken In	731

Non Exempt Loads	$	.
Exempt Loads	$	.
Total For Month	$	.

DEC-08

709,450

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	188	1413	1413	710,863
02	153	2,071	3484	712,934
03	187	1,871	5355	714805
04	174	1914	7269	716,719
05	187	1968	9237	718,687
06	179	1967	11204	720,624
07	172	1,631	12,835	722,255
08	174	1824	14,659	724,079
09	157	2275	16,934	726,354
10	150	1,945	18879	728,299
11	134	2,082	20,961	730,381
12	114	2102	23063	732,483
13	124	1802	24865	734,285
14	210	2620	27485	736,905
15	162	811	28296	737,716
16	79	1,228	29524	738,944
17	72	906	30430	739,850
18	215	3012	33442	742,862
19	178	1,483	34925	477,345 744,345
20	198	1,883	36,808	479,228 746,228
21	197	1,965	38,773	481,193 748 193
22	205	1,844	40,617	483,037 750 037
23	190	1,903	42520	484,940 751,940 1am
24	197	1,378	43898	486,318 753 318
25	197	1,874	45,772	488,192 755 19
26	201	1,006	46,778	489,198 756,19
27	200	2,399	49,177	491,597 758,59
28	199	2,583	51,760	494,180 761,18
29	196	1,969	53729	496,149 763,149
30	199	1,793	55,522	497,942 764 94
31	200	3,400	58,922	501,342 768,34
BBLs pumped on 12-16,17-08		+ 5427 BBLS	+	58892

TUBING AND CASING MONITORING LOG SHEET
YEAR 2008
MONTH DEC

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2200	0	SW
	2	2300-2300-2300-2300	0 0 0	SW [illegible]
	3	2300-2300-2300-2300	0 0 0	[illegible] RK
	4	2300-2300-1800-2300-2300	0 0 0 0 0	RK [illegible] RK
	5	2300-	0-	[illegible]
	6	2300	0-	[illegible]
	7	2200-2300	0-	[illegible]
	8	2300	0-	[illegible]
	9	2300	0-	[illegible]
	10	2250-	0	RK
	11	2250	0	[illegible]
	12	2000	0	SW
	13	2050-2000-2100	0 0 0	SW [illegible] SW
	14	2300, 2300,	0 0	[illegible] SW
	15	2300,	0	SW
	16	2400, 2300	0 0	SW [illegible]
	17	2400, 2300, 2300	0 0 0	SW SW SW
	18	2400, 2300, 2300	0 0 0	SW SW [illegible]
	19	2350,	0	RK
	20	2350,	0	RK
	21	2300, 2300	0 0	SW RK
	22	2300,	0	SW
	23	2300,	0	SW
	24	2300, 2300	0 0	SW SW
	25	2200	0	SW
	26			
	27	2300	0	SW
	28	2300, 2200	0 0	SW SW
	29	2300	0	SW
	30	2300	0	SW
	31	2300, 2300	0 0	SW SW

Key Energy
Disposal
Monthly Totals

JAN., 07

Barrels Taken In 79,150
Barrels Pumped Away 74,571
Barrels Difference 4,579

EXEMPT LOADS (Key Hauled)	831
EXEMPT LOADS (NOT Key Hauled)	7
Total EXEMPT Loads Hauled	838
NON EXEMPT LOADS (Key Hauled)	5
NON EXEMPT LOADS (NOT Key Hauled)	0
Total NON EXEMPT Loads Hauled	5
Total Loads Taken In	843

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

JAN-07

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	173	1209	1,209	1,209
02	X175	1,223	2,432	2,432
03	175	2641	5,073	5,073
04	170	2878	7,951	7,951
05	170	3055	11,006	11,006
06	168	3027	14,033	14,033
07	170	2,472	16,505	16,505
08	172	2,069	18,574	18,574
09	171	2,663	21,237	21,237
10	170	3,384	24,621	24,621
11	171	4103	28,724	28,724
12	171	2740	31,464	31,464
13	171	2,132	33,596	33,596
14	168	X1,005	34,601	34,601
15	172	1720	36,321	36,321
16	176	2917	39238	39,238
17	166	3575	42,813	42,813
18	169	2921	45734	45,734
19	167	3256	48990	48,990
20	167	2,177	51,167	51,167
21	169	1,855	53,022	53,022
22	171	685	53,707	53,707
23	170	2977	56,684	56,684
24	170	2800	59,484	59,484
25	168	2501	61,985	61,985
26	170	2292	64,277	64,277
27	165	1322	65,599	65,599
28	173	2,419	68,018	68,018
29	172	1,296	69,314	69,314
30	168	2,357	71,671	71,671
31	166	2,900	74 571	74,571

TUBING AND CASING MONITORING LOG SHEET

YEAR 2007

MONTH JAN

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2100	~~0~~	SW
	2	1750	0	MD
	3	2200	0	LS
	4	2200	0	LS
	5	2200	0	LS
	6	2200	0	LS
	7	2100	~~0~~	SW
	8	2100	~~0~~	SW
	9	2200	0	LS
	10	2300	0	LS
	11	2300	0	LS
	12	2300	0	LS
	13	2300	0	LS
	14	2100	~~0~~	SW
	15	2100	~~0~~	SW
	16	2250	0	LS
	17	2300	0	LS
	18	2300	0	LS
	19	2350	0	LS
	20	2300	0	LS
	21	2100	~~0~~	SW
	22	2050	~~0~~	SW
	23	2250	~~0~~	SW
	24	2300	0	LS
	25	2300	0	LS
	26	2300	0	LS
	27	2300	0	LS
	28	2050	~~0~~	SW
	29	2100	~~0~~	SW
	30	2300	0	LS
	31	2200	0	LS

AVG 2200

Key Energy Disposal Monthly Totals

Feb., 06

Barrels Taken In 75,880
Barrels Pumped Away 71,279
Barrels Difference 4,601

EXEMPT LOADS (Key Hauled)	750
EXEMPT LOADS (NOT Key Hauled)	85
Total EXEMPT Loads Hauled	835
NON EXEMPT LOADS (Key Hauled)	5
NON EXEMPT LOADS (NOT Key Hauled)	0
Total NON EXEMPT Loads Hauled	5
Total Loads Taken In	840

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

7E5-01

74,571 14,571

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	169	2540	77111	77,111
02	173	2259	2259	79,370
03	172	1293	3552	80,663
04	171	2,736	6,288	83,399
05	155	1,237	7,525	84,636
06	166	2,247	9,772	86,883
07	123	2,220	11,992	89,103
08	116	2,773	14,765	91,876
09	168	2,605	17,370	94,481
10	168	3,184	20,554	97,665
11	171	2,395	22,949	100,060
12	170	1,961	24,910	102,021
13	169	2,778	27,688	104,799
14	168	2,945	30,633	107,744
15	162	2,685	33,318	110,429
16	169	2,615	35,933	113,044
17	168	3,944	39,877	116,988
18	170	2,035	41,912	119,023
19	166	1,996	43,908	121,019
20	170	3155	47,063	124,174
21	169	2959	50,022	127,133
22	167	4009	54,031	131,142
23	170	2634	56665	133,776
24	168	3,109	59,774	136,885
25	—	—	—	—
26	170	1872	61646	138,757
27	171	3079	64725	141,836
28	167	4014	68739	145,850
29				
30				
31				
		71279		71,279

Reset TO 0

TUBING AND CASING MONITORING LOG SHEET

YEAR 07

MONTH 7&B

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2200	0	LS
	2	2300	0	LS
	3	2100	0	SW
	4	2100	0	SW
	5	2150	0	SW
	6	2250	0	LS
	7	2250	0	LS
	8	2200	0	LS
	9	2300	0	LS
	10	2350	0	LS
	11	2200	0	SW
	12	2150	0	SW
	13	2300	0	LS
	14	2300	0	LS
	15	2350	0	LS
	16	2350	0	LS
	17	2300	0	LS
	18	2250	0	SW
	19	2150	0	SW
	20	2300	0	LS
	21	2350	0	LS
	22	2350	0	LS
	23	2350	0	LS
	24	2350	0	LS
	25	—	—	—
	26	2100	0	SW
	27	2300	0	LS
	28	2300	0	LS
	29			
	30			
	31			

Key Energy
Disposal
Monthly Totals

March, 07

Barrels Taken In 109,974
Barrels Pumped Away 109,889
Barrels Difference 85

EXEMPT LOADS (Key Hauled)	1016
EXEMPT LOADS (NOT Key Hauled)	210
Total EXEMPT Loads Hauled	1219
NON EXEMPT LOADS (Key Hauled)	7
NON EXEMPT LOADS (NOT Key Hauled)	~~0~~
Total NON EXEMPT Loads Hauled	7
Total Loads Taken In	1226

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

MARCH-07

145, 850

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE	
01	168	3862	3862	149,712	
02	168	4017	7879	153,729	
03	166	3,820	11,699	157,549	
04	169	2,705	14,404	160,254	
05	168	2,863	17,267	163,117	
06	167	3,996	21,263	167,113	
07	167	4,019	25,262	207,132	171132
08	170	3,906	29,188	211,038	175038
09	167	4005	33193	215,043	179043
10	165	3,961	37,154	219,004	183004
11	162	3,882	41,036	222,886	186886
12	169	3,894	44,930	226,780	190780
13	166	3,987	48,917	230,767	194767
14	166	3985	52,902	234,752	198,752
15	165	2724	55626	237,476	201476
16	163	3904	59530	241,380	205380
17	165	3,375	62,905	244,755	208755
18	165	2,803	65,708	247,558	211558
19	163	2444	68152	250,002	214,002
20	160	3844	71999	253,849	217849
21	159	3808	75807	257,657	221657
22	157	3772	79,579	261,429	225,429
23	158	3789	83,368	265,218	229218
24	160	3,529	86,897	268,747	232,747
25	164	2,625	89,522	271,372	235,372
26	161	1,528	91,050	272,900	236900
27	163	3,902	94,952	276,802	240802
28	165	3,637	98,589	280,439	244439
29	162	3876	102,465	284,315	248,315
30	164	3684	106,149	287,999	251,999
31	163	3,740	109,889	255,739	
				109 889	

TUBING AND CASING MONITORING LOG SHEET

YEAR 07

MONTH MARCH

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2350	0	LS
	2	2350	0	LS
	3	2350	0	LS
	4	2200	0	SW
	5	2000	0	MD
	6	2350	0	MD
	7	2350	0	MD
	8	2375	0	LS.
	9	2350	0	LS
	10	2350	0	LS
	11	2400	0	JRS
	12	2400	0	JRS
	13	2400	0	LS
	14	2400	0	LS
	15	2400	0	LS
	16	2350	0	LS
	17	2400	0	LS
	18	2200	0	SW
	19	2200	0	SW
	20	2350	0	LS
	21	2350	0	LS
	22	2350	0	LS
	23	2400	0	LS
	24	2400	0	LS
	25	2200	0	SW
	26	2100	0	SW
	27	2350	0	LS
	28	2350	0	LS
	29	2350	0	LS
	30	2350	0	LS
	31	2350	0	LS

Key Energy
Disposal
Monthly Totals

April, 07

Barrels Taken In 88,043
Barrels Pumped Away 81,868
Barrels Difference 6,175

EXEMPT LOADS (Key Hauled)	959
EXEMPT LOADS (NOT Key Hauled)	27
Total EXEMPT Loads Hauled	986
NON EXEMPT LOADS (Key Hauled)	8
NON EXEMPT LOADS (NOT Key Hauled)	~~0~~
Total NON EXEMPT Loads Hauled	8
Total Loads Taken In	994

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

APRIL -07

255,739

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	165	1970	1970	257,709
02	158	2,055	4025	259,764
03	163	1,462	5487	261,226
04	163	2,277	7764	263,503
05	163	2,529	10293	266,032
06	162	2267	12560	268,299
07	163	3,673	16233	271,972
08	163	2,603	18,836	274,575
09	163	2,281	21,117	276,856
10	160	3844	24,961	280,700
11	155	2962	27 923	283,662
12	159	3813	31,736	287,475
13	160	3843	35,579	291,318
14	159	3,502	39,081	294,820
15	160	1,442	40,523	296,262
16	161	2,419	42 942	298,681
17	156	3,755	46,697	302,436
18	156	3,744	50 441	306,180
19	154	3,701	54,142	309,881
20	153	3,679	57 821	313,560
21	155	3,570	61391	317,130
22	158	2371	63762	319,501
23	86	1,297	65,059	320,798
24	88.4	2,122	67,181	322,920
25	115	2,775	69,956	325,695
26	108	2,550	72,506	328,245
27	85	2,002	74 508	330,247
28	159	3,655	78,163	333,902
29	160	1917	80080	335,819
30	163	1,788	81,868	337,607
31				
				81,868

80080

TUBING AND CASING MONITORING LOG SHEET
YEAR 07
MONTH APRIL

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2200	0	SW
	2	2150	0	RMR
	3	2150	0	SW
	4	2200	0	RMR
	5	2350	0	LS
	6	2300	0	LS
	7	2300	0	LS
	8	2150	0	SW
	9	2150	0	SW
	10	2350	0	LS
	11	2350	0	LS
	12	2350	0	LS
	13	2350	0	LS
	14	2350	0	LS
	15	2200	0	SW
	16	2150	0	SW
	17	2300	0	LS
	18	2350	0	LS
	19	2350	0	LS
	20	2350	0	LS
	21	2350	0	LS
	22	2150	0	SW
	23	2200	0	SW
	24	2350	0	SW
	25	2100	0	LS
	26	2350	0	LS
	27	1400	0	LS
	28	2300	0	LS
	29	2200	0	SW
	30	2150	0	SW
	31			

Key Energy
Disposal
Monthly Totals

May, 07

Barrels Taken In 86,346
Barrels Pumped Away 80,853
Barrels Difference 5,493

EXEMPT LOADS (Key Hauled)	976
EXEMPT LOADS (NOT Key Hauled)	16
Total EXEMPT Loads Hauled	992
NON EXEMPT LOADS (Key Hauled)	7
NON EXEMPT LOADS (NOT Key Hauled)	2
Total NON EXEMPT Loads Hauled	9
Total Loads Taken In	1,001

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

MAY 07

337,607

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	158	3650	3650	341,257
02	159	3033	6683	344,290
03	156	3746	10,429	348,036
04	158	3788	14,217	351,824
05	155	3,335	17,552	355,159
06	161	2,733	20,285	357,892
07	158	2,601	22,886	360,493
08	156	2,105	24,991	362,598
09	156	1,397	26,388	363,995
10	160	3,855	30,243	367,850
11	162	3879	34,122	371,729
12	162	3,818	37,940	375,547
13	165	1,974	39,914	377,521
14	162	2,343	42,257	379,864
15	165	1,563	43,820	381,427
16	0	OFF	OFF	381,427
17	160	1,924	45,744	383,351
18	164	989	46,733	384,340
19	166	2,318	49,051	386,658
20	→	→	→	386,658
21	164	2,298	51,349	388,956
22	165	3965	55,314	392,921
23	162	2098	57,412	395,019
24	168	4040	61,452	399,059
25	160	3839	65,291	402,898
26	166	1,326	66,617	404,224
27	167	1,166	67,783	405,390
28	158	1,890	69,673	407,280
29	149	3,594	73,267	410,874
30	158	3,801	77,068	414,675
31	158	3785	80853	418,460
				80,853

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH MAY 07

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2350	0	JS
	2	2350	0	LD
	3	2350	0	LD
	4	2350	0	LD
	5	2350	0	LD
	6	2150	0	SW
	7	2350	0	RR
	8	2350	0	JS
	9	1950	0	SW
	10	2300	0	LD
	11	2300	0	LD
	12	2300	0	LD
	13	2200	0	SW
	14	2100	0	RR
	15	2300	0	JS
	16	OFF 1950	0	LD
	17	2000	0	LD
	18	2200	0	LD
	19	2100	0	SW
	20	— 1950	—	SW
	21	1950	0	SW
	22	2300	0	JS
	23	2300	0	LD
	24	2300	0	LD
	25	2300	0	LD
	26	2300	0	LD
	27	2050	0	SW
	28	2100	0	SW
	29	2100	0	E
	30	2300	0	LD
	31	2300	0	LD

Key Energy
Disposal
Monthly Totals

JUNE, 07

Barrels Taken In 109,910
Barrels Pumped Away 77,504
Barrels Difference 32,406

EXEMPT LOADS (Key Hauled)	1231
EXEMPT LOADS (NOT Key Hauled)	10
Total EXEMPT Loads Hauled	1241
NON EXEMPT LOADS (Key Hauled)	8
NON EXEMPT LOADS (NOT Key Hauled)	~~0~~
Total NON EXEMPT Loads Hauled	8
Total Loads Taken In	1249

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

JUNE-07 518,460

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	157	3,759	3,759	522,219
02	157	2,750	6,509	524,969
03	—	—	—	524969
04	151	2,336	8,845	527,305
05	152	3,266	12,111	530,571
06	142	3,134	15,245	533,705
07		OFF		
08	144	576	15,821	534,281
09	148	3,489	19,310	537,770
10	147	2,498	21,808	540,268
11	150	2,400	24208	542,668
12	145	3,474	27,682	546,142
13	142	2,345	30,027	548,487
14	142	3,406	33,433	551,893
15	144	3,170	36,603	555,063
16	139	2,981	39,584	558,044
17	145	2,325	41,909	560,369
18	143	2,001	43,910	562,370
19	142	3,261	47,171	565,631
20	140	3,142	50,313	568,773
21	140	1,816	52,129	570,589
22	140	3355	55,484	573,944
23	139	3,261	58,745	577,205
24	140	2,163	60,908	579,368
25	154	2,309	63,217	581,677
26	139	3,336	66,553	585,013
27	139	3347	69,900	588,360
28	139	2703	72,603	591,063
29	142	1638	74,241	592,701
30	139	3,263	77,504	595,964
31				
				77,504

TUBING AND CASING MONITORING LOG SHEET
YEAR 2007
MONTH JUNE

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2350	0	LS
	2	2300	0	JS
	3	1950		
	4	2000	0	SW
	5	2200	0	SW
	6	2300	0	JS
	7	0 2200	0	LS
	8	0 1900	0	JS
	9	2150	0	TL
	10	2100	0	SW
	11	2100	0	RFR
	12	2100	0	RFR
	13	2350	0	LS
	14	2350	0	JS
	15	2350	0	JS
	16	2350	0	LS
	17	2100	0	SW
	18	2100	0	SW
	19	2100	0	RFR
	20	2300	0	LS
	21	0 2100	0	LS
	22	2250	0	LS
	23	2250	0	LS
	24	2100	0	SW
	25	2250	0	RFR.
	26	2200	0	RFR
	27	2400	0	TL
	28	2200	0	LS
	29	2300	0	RFR
	30	2300	0	JS
	31			

Key Energy
Disposal
Monthly Totals

July, 07

Barrels Taken In 95,850
Barrels Pumped Away 75,386
Barrels Difference 20,464

EXEMPT LOADS (Key Hauled)	1054
EXEMPT LOADS (NOT Key Hauled)	2
Total EXEMPT Loads Hauled	1056
NON EXEMPT LOADS (Key Hauled)	6
NON EXEMPT LOADS (NOT Key Hauled)	5
Total NON EXEMPT Loads Hauled	11
Total Loads Taken In	1067

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

July 07

595, 964

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	141	2,476	2,476	598,440
02	141	2,040	4,516	600,480
03	139	3,342	7858	603,822
04	138	3323	11181	607,145
05	139	3341	14522	610,486
06	139	977	15499	611,463
07	136	2,931	18,430	614,394
08	141	2,464	20,894	616,858
09	144	1153	22047	618,011
10	134	3210	25,257	621,221
11	136	3116	28 373	624,337
12	136	3261	31,634	627,598
13	139	3061	34,695	630,659
14	138	3242	37,937	633,901
15	138	2760	40,697	636,661
16	143	1871	42,568	638,532
17	—	—	—	638,532
18	—	—	—	638,532
19	—	—	—	638,532
20	—	—	—	638,532
21	124	1032	43,600	639,564
22	136	3271	46,871	642,835
23	136	3257	50,128	646,092
24	136	3126	53,254	649,218
25	139	3349	56603	652,567
26	135	3108	59711	655,675
27	137	3157	62 868	658,832
28	135	3237	66105	662,069
29	140	3352	69,457	665,421
30	137	3227	72,684	668,648
31	139	2702	75,386	671,350
				75386

TUBING AND CASING MONITORING LOG SHEET
YEAR 07
MONTH July

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2150	~~0~~	SW
	2	2200	~~0~~	AR
	3	2300	~~0~~	SW
	4	2300	0	~~[illegible]~~
	5	2300	0	~~[illegible]~~
	6	1900		
	7	2200	0	~~[illegible]~~
	8	2050	~~0~~	SW
	9	2000	~~0~~	SW
	10	2200	~~0~~	RFR •
	11	2200	0	~~[illegible]~~
	12	2250	0	~~[illegible]~~
	13	2250	0	~~[illegible]~~
	14	2250	0	~~[illegible]~~
	15	2200	0	~~[illegible]~~
	16	2200	0	~~[illegible]~~
	17	DOWN TO CHECK WELL		
	18	0	0	RFR
	19	0	0	RFR
	20	250	0	RFR.
	21	1700	~~0~~	SW
	22	1700	0	~~[illegible]~~
	23	1900	0	~~[illegible]~~
	24	2000	0	~~[illegible]~~
	25	2100	~~0~~	SW
	26	2100	0	~~[illegible]~~
	27	2000	0	~~[illegible]~~
	28	2000	0	~~[illegible]~~
	29	2100	0	~~[illegible]~~
	30	2100	0	~~[illegible]~~
	31	2100	0	~~[illegible]~~

Key Energy
Disposal
Monthly Totals

August, 07

Barrels Taken In	81,850
Barrels Pumped Away	89,376
Barrels Difference	7,526

EXEMPT LOADS (Key Hauled)	878
EXEMPT LOADS (NOT Key Hauled)	3
Total EXEMPT Loads Hauled	881
NON EXEMPT LOADS (Key Hauled)	8
NON EXEMPT LOADS (NOT Key Hauled)	2
Total NON EXEMPT Loads Hauled	10
Total Loads Taken In	891

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

AUG 07

671,350

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	139	3351	3351	674,701
02	133	3197	6548	677,898
03	133	2538	9086	680,436
04	134	1882	10,968	682,318
05	133	3195	14,163	685,513
06	133	2874	17,037	688,387
07	132	2763	19,800	691,150
08	134	2,549	22,349	693,699
09	134	3230	25,579	696,929
10	135	2966	28,545	699,895
11	135	3,116	31,661	703,011
12	136	3122	34,783	706,133
13	133	3,187	37,970	709,320
14	135	3,246	41,216	712,566
15	130	2861	44077	715,427
16	130	3134	47211	718,561
17	131	3156	50367	721,717
18	131	3,151	53518	724,868
19	130	2,849	56,367	727,717
20	133	3,056	59,423	730,773
21	130	3,125	62,548	733,898
22	131	3006	65,554	736,904
23	130	3136	68,690	740,040
24	131	3149	71,839	743,189
25	136	3,110	73,949	745,299
26	127	2536	76,485	747,835
27	144	646	77,131	748,481
28	130	3116	80,247	751,597
29	129	3094	83,341	754,691
30	129	2971	86,312	757,662
31	128	3,064	89,376	760,726
				89,376

TUBING AND CASING MONITORING LOG SHEET
YEAR 07
MONTH AUG

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2050	0	SW
	2	2,100	0	LD
	3	2,100	0	LD
	4	2,000	0	AR
	5	2,000	0	LS
	6	2,000	0	LS
	7	2,000	0	LS
	8	1950	0	SW
	9	2000	0	LD
	10	2000	0	LS
	11	2000	0	LS
	12	2000	0	JS
	13	2000	0	JS
	14	2000	0	JS
	15	2000	0	LS
	16	2000	0	LD
	17	2000	0	LD
	18	2000	0	LS
	19	2050	0	JS
	20	2050	0	JS
	21	2050	0	JS
	22	2050	0	LS
	23	2050	0	LD
	24	2050	0	LS
	25	2050	0	LS
	26	2050	0	JS
	27	1900	0	SW
	28	1950	0	JS
	29	2050	0	LS
	30	2050	0	LD
	31	2050	0	LD

Key Energy
Disposal
Monthly Totals

Sept. 07

Barrels Taken In 70,570
Barrels Pumped Away 80,650
Barrels Difference 10,080

EXEMPT LOADS (Key Hauled)	767
EXEMPT LOADS (NOT Key Hauled)	3
Total EXEMPT Loads Hauled	770
NON EXEMPT LOADS (Key Hauled)	8
NON EXEMPT LOADS (NOT Key Hauled)	~~0~~
Total NON EXEMPT Loads Hauled	8
Total Loads Taken In	778

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

SEPT-07

760,726

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	131	2355	2355	763,081
02	129	2,773	5,128	765,854
03	129	2,780	7908	768,634
04	129	3,100	11,008	771,734
05	130	2,202	13,210	773,936
06	129	1,809	15,019	775,745
07	129	2335	17,354	778,080
08	127	3051	20,405	781,131
09	127	3051	23,456	784,182
10	126	3,013	26,469	787,195
11	127	2661	29,130	789,856
12	125	2249	31,379	792,105
13	123	2954	34,333	795,059
14	122	2320	36,653	797,379
15	122	2,931	39,584	800,310
16	121	2,908	42,492	803,218
17	120	2,881	45,373	806,099
18	118	2,623	47,996	808,722
19	119	2,859	50,855	811,581
20	117	2803	53,658	814,384
21	118	2732	56,390	817,116
22	119	2,738	59,128	819,854
23	116	2,782	61,910	822,636
24	116	2,790	64,700	825,426
25	116	2,436	67,136	827,862
26	116	2,541	69,677	830,403
27	114	2,747	72,424	833,150
28	115	2,763	75,187	835,913
29	115	2,749	77,936	838,662
30	113	2,714	80,650	841,376
31				

75,187

80,650

TUBING AND CASING MONITORING LOG SHEET

YEAR 07

MONTH SEPT

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	2050	~~0~~	JS
	2	2050	~~0~~	JS
	3	2000	~~0~~	JS
	4	2050	~~0~~	JS
	5	2050	~~0~~	JRR
	6	1900	~~0~~	SW
	7	2000	0	LS
	8	2000	0	LS
	9	2050	0	LS
	10	2050	~~0~~	JRR
	11	2050	~~0~~	JRR
	12	2050	0	LS
	13	2050	0	LS
	14	2050	0	LS
	15	2060	0	LS
	16	2050	~~0~~	JRR
	17	2100	~~0~~	JRR
	18	2100	~~0~~	JRR
	19	2050	0	LS
	20	2050	0	LS
	21	2050	0	LS
	22	2050	0	LS
	23	2100	0	JRR
	24	2100	~~0~~	JRR
	25	2100	~~0~~	JRR
	26	2100	0	LS
	27	2050	0	LS
	28	2050	0	LS
	29	2100	0	LS
	30	2100	~~0~~	JRR
	31			

Key Energy
Disposal
Monthly Totals

Oct., 07

Barrels Taken In	46,600
Barrels Pumped Away	53,119
Barrels Difference	6,519

EXEMPT LOADS (Key Hauled)	481
EXEMPT LOADS (NOT Key Hauled)	12
Total EXEMPT Loads Hauled	493
NON EXEMPT LOADS (Key Hauled)	8
NON EXEMPT LOADS (NOT Key Hauled)	0
Total NON EXEMPT Loads Hauled	8
Total Loads Taken In	501

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

OCTOBER 07

841,376

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	115	2,767	2,767	844,143
02	113	2,609	5,376	846,752
03	116	2792	8,168	849,544
04	116	2681	10,849	852,225
05	117	2695	13,544	854,920
06	114	2,733	16,277	857,653
07	114	2,731	19,008	860,384
08	116	2,792	21,800	863,176
09	115	2,778	24,578	865,954
10	114	2111	26,689	868,065
11	113	2704	29,393	870,769
12	113	2605	31,998	873,374
13	112	2,677	34,665	876,051
14	114	2,745	37,410	878,796
15	116	1,340	38,750	880,136
16	114	2747	41,497	882,883
17	113	1914	43,411	884,797
18	OFF	WAIT FOR WATER	OFF	
19	OFF	WAIT FOR WATER		
20	Off	wait for water		
21	116	464	43875	885,261
22	—	—	—	
23	116	1741	45622	887,002
24	108	216	45,838	887,218
25	OFF	WAIT FOR WATER		
26	120	1,020	46858	888,238
27	117	1,229	48087	889,467
28	117	1,527	49,614	890,994
29	117	1,287	50,901	892,281
30	116	1,164	52,068	893,445
31	116	1,050	53,118	894,495
				53,119

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH OCTOBER 07

DAY	TUBING PSI	CASING PSI	OBSERVER INT.
1	2100	0	JS
2	2100	0	JS
3	2100	0	LS
4	2100	0	LS
5	2100	0	LS
6	2100	0	LS
7	2100	0	
8	2100	0	
9	2100	0	
10	2100	0	LS
11	2100	0	LS
12	2100	0	LS
13	2100	0	LS
14	2150	0	
15	2000	0	SW
16	2100	0	LS
17	2100	0	LS
18	1900 OFF	OFF	LS
19	1800 OFF		
20	1800		
21	1800	0	SW
22	1750		
23	1750	0	SW
24	2006	0	LS
25	0 1750	0	LS
26	1650	0	LS
27	1800	0	SW
28	1850	0	SW
29	1850	0	SW
30	1850	0	SW
31	1800	0	LS

AVG 1947

Key Energy
Disposal
Monthly Totals

Nov. 07

Barrels Taken In 44,728
Barrels Pumped Away 17,943
Barrels Difference 26,785

EXEMPT LOADS (Key Hauled)	423
EXEMPT LOADS (NOT Key Hauled)	43
Total EXEMPT Loads Hauled	466
NON EXEMPT LOADS (Key Hauled)	14
NON EXEMPT LOADS (NOT Key Hauled)	0
Total NON EXEMPT Loads Hauled	14
Total Loads Taken In	480

Non Exempt Loads	$	.
Exempt Loads	$	.
Total For Month	$	.

NOV-07

894,495

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	114	1141	1141	895,636
02	114	1148	2289	896,784
03	116	1513	3802	898,297
04	110	1432	5234	899,729
05	109	1306	6540	901,035
06	111	1228	7768	902,263
07		WAIT FOR	WATER	
08	107	1071	8839	903,334
09	109	1204	10043	904,538
10	110	1268	11311	905,806
11	110	1489	12800	907,295
12	106	1295	14095	908,590
13	109	1314	15409	909,904
14	85	941	16350	910,845
15	PUMP BROKEN		0	910,845
16	0	0	0	910,845
17	0	0	0	910,845
18	0	0	0	910,845
19	0	0	0	910,845
20	0	0	0	910,845
21	0	0	0	910,845
22	0	0	0	910,845
23	0	0	0	910,845
24	0	0	0	910,845
25	0	0	0	910,845
26	0	0	0	910,845
27	4	16	16366	910,861
28	0	0	0	910,861
29	98	785	17151	911,646
30	121	792	17943	912,438
31				
			17943	17,943

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH NOV-07

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1800	0	LS
	2	1800	0	XX
	3	1850	0	SW
	4	1850	0	SW
	5	1850	0	AR
	6	1800	0	AR
	7	0 1750	0	XX
	8	1750	0	XX
	9	1600	0	XX
	10	1850	0	SW
	11	1850	0	SW
	12	1850	0	SW
	13	1900	0	SW
	14	2000	0	LS
	15	0 1850	0	
	16	0 1700	0	
	17	0 1600	0	SW
	18	0 1600	0	SW
	19	0 1600	0	SW
	20	0 1600	0	SW
	21	0 1600	0	LS
	22	0 1600	0	
	23	1550		
	24	0 1550	0	SW
	25	0 1500	0	SW
	26	0 1650	0	SW
	27	1700	0	XX
	28	0 1700	0	XX
	29	1600	0	XX
	30	2000		
	31			

AUG 1739

Key Energy
Disposal
Monthly Totals

Dec. 07

Barrels Taken In 56,475
Barrels Pumped Away 21,965
Barrels Difference 34,510

EXEMPT LOADS (Key Hauled)	509
EXEMPT LOADS (NOT Key Hauled)	69
Total EXEMPT Loads Hauled	578
NON EXEMPT LOADS (Key Hauled)	9
NON EXEMPT LOADS (NOT Key Hauled)	~~0~~
Total NON EXEMPT Loads Hauled	9
Total Loads Taken In	587

Non Exempt Loads	$	
Exempt Loads	$	
Total For Month	$	

DEC-07

912,438

DATE	BBLS/HR	BBLS/DAY	BBLS/MONTH	CUMULATIVE
01	88	876	876	913,314
02	86	1,114	1,990	914,428
03	79	989	2,979	915,417
04	0	0	0	915,417
05	0	0	0	915,417
06	0	0	0	915,417
07	0	0	0	915,417
08	0	0	0	915,417
09	0	0	0	915,417
10	0	0	0	915,417
11	0	0	0	915,417
12	0	0	0	915,417
13	0	0	0	915,417
14	25	264	3243	915,681
15	0	0	0	915,681
16	.29	1	3244	915,682
17	0	0	0	915,682
18 *	70	350	350	916,032
19	173	1730	4974	917,762
20	162	1948	6922	919,710
21	174	348	7270	920,058
22	173	780	8050	920,838
23	167	2006	10,056	922,846
24	167	1675	11733	924,521
25	OFF		OFF	924,521
26	168	2025	13758	926,546
27	161	1940	15698	928,486
28	OFF	OFF	OFF	928,486
29	off	off	off	928,486
30	186	1,579	17,277	930,065
31	180	4,338	21,615	934,403
			+350	
			21,965	

17,627

21,965

TUBING AND CASING MONITORING LOG SHEET

YEAR

MONTH DEC-07

DAY		TUBING PSI	CASING PSI	OBSERVER INT.
	1	1700	ø	SW
	2	1750	ø	SW
	3			
	4	0	0	JS
	5	0	0	JS
	6	0	0	RK
	7	0	0	RK
	8	ø	ø	SW
	9	ø	ø	SW
	10	ø	ø	SW
	11	0	0	JS
	12	0	ø	RK
	13	0	0	RK
	14	0	0	RK
	15	ø	ø	SW
	16	1700	ø	SW
	17	ø	ø	SW
	18	1900	0	JS
	19	1900	0	JS
	20	1650	ø	RFE.
	21	1700	ø	RFE.
	22	1800	ø	SW
	23	1850	ø	SW
	24	1800	ø	RA
	25	0	0	
	26	1700	0	JS
	27	1800	0	JS
	28	OFF	OFF	
	29	OFF	OFF	SW
	30	1750	ø	SW
	31	2150	ø	JS

APPENDIX D

2007 to 2009

Key UIC-5 Monthly Pressure Charts

MAX 2580 Psi
MIN 2000 Psi
AVG 2260 Psi

Graphic Controls

CHART NO. MC M-3000-H-31D

METER 74571

TAKEN OFF M

CHART PUT ON M 1587

JAN-07

LOCATION

REMARKS

DIFF. IN. WATER

PRESSURE LBS.

FREEZE PER MT LWI

PRINTED IN U.S.A.

MAX 2400 psig
MIN 1806 psig
Avg 2190 psi

Graphic Controls

CHART NO. MC M-3000-H-31D

METER 68739

CHART PUT ON M

LOCATION

REMARKS

TAKEN OFF M

FEBRUARY-07

PRESSURE LBS.

DIFF. IN. WATER

PRINTED IN U.S.A.

Mix 1800
Mix 2230

Graphic Controls

CHART NO. MC M-3000-H-31D

METER

CHART PUT ON M TAKEN OFF M

LOCATION MARCH-07

REMARKS 109889 BBLs

March 07
Aug. pres. 2200
1226 Loads
109,974 BBLs Taken
109,889 BBLs Pumped
3,545 BBLs per day
40 Loads per day

MIN 1930
109 2250

Graphic Controls

81,868 BBLS

CHART NO. MC M-3000-H-31D

METER

CHART PUT ON M TAKEN OFF M

LOCATION

REMARKS APRIL-07

PRESSURE LBS.

DIFF. IN. WATER

PRINTED IN U.S.A.

MAX 2300
MIN 1900
AVG 2220

Graphic Controls

MAY 07

CHART NO. MC M-3000-H-31D

METER 80853

CHART PUT ON M

TAKEN OFF M

LOCATION

REMARKS

PRESSURE LBS.

DIFF. IN. WATER

PRINTED IN U.S.A.

MAX 2450
MIN 1900
AVG 2180

Graphic Controls

CHART NO. MC M-3000-H-31D

METER

CHART PUT ON TAKEN OFF

LOCATION JUNE - 2007

REMARKS 77,504 BBLS

PRESSURE LBS.

DIFF. IN. WATER

PRINTED IN U.S.A.

MCF 2260
MCR 780-?
MCJ 2250

Graphic Controls

July 07

CHART NO. MC M-3000-H-31D

METER

CHART PUT ON 07-01-07

TAKEN OFF 07-31-07

LOCATION

REMARKS

75386 BBLs

July 07

95,850 BBLs Taken in

75,386 BBLs Pumped

1,067 Loads

34.41 Loads per day

AVG PRES 2110 PSI

OUT of SERVICE

August 07
81,850 BBLs Taken
89,376 BBLs pumped
891 Loads
28.74 Loads per day

Graphic Controls

CHART NO. MC M-3000-H-31D

METER

CHART PUT ON TAKEN OFF

LOCATION 89376 BBLs

REMARKS AUGUST 2007

PRESSURE LBS.

DIFF. IN. WATER

PRINTED IN U.S.A.

OUT of GRADUATE

Graphic Controls

CHART NO. MC M-3000-H-31D

METER

CHART PUT ON TAKEN OFF

LOCATION SEPTEMBER - 07

REMARKS

89,650 BBL

DIFF. IN. WATER

PRESSURE LBS.

PRINTED IN U.S.A.

MAX 2300
MIN 1800
AVG 2100

Graphic Controls

OCTOBER 07

CHART NO. MC M-3000-H-31D

METER

CHART PUT ON M

TAKEN OFF M

LOCATION

REMARKS

DIFF. IN. WATER

PRESSURE LBS.

PRINTED IN U.S.A.

MAX 2100
MIN 1800
AVG 1970

Graphic Controls

CHART NO. MC M-3000-H-31D

METER

CHART PUT ON M

TAKEN OFF M

LOCATION NOVEMBER -2007

REMARKS AVG PRES. 1939 PSI

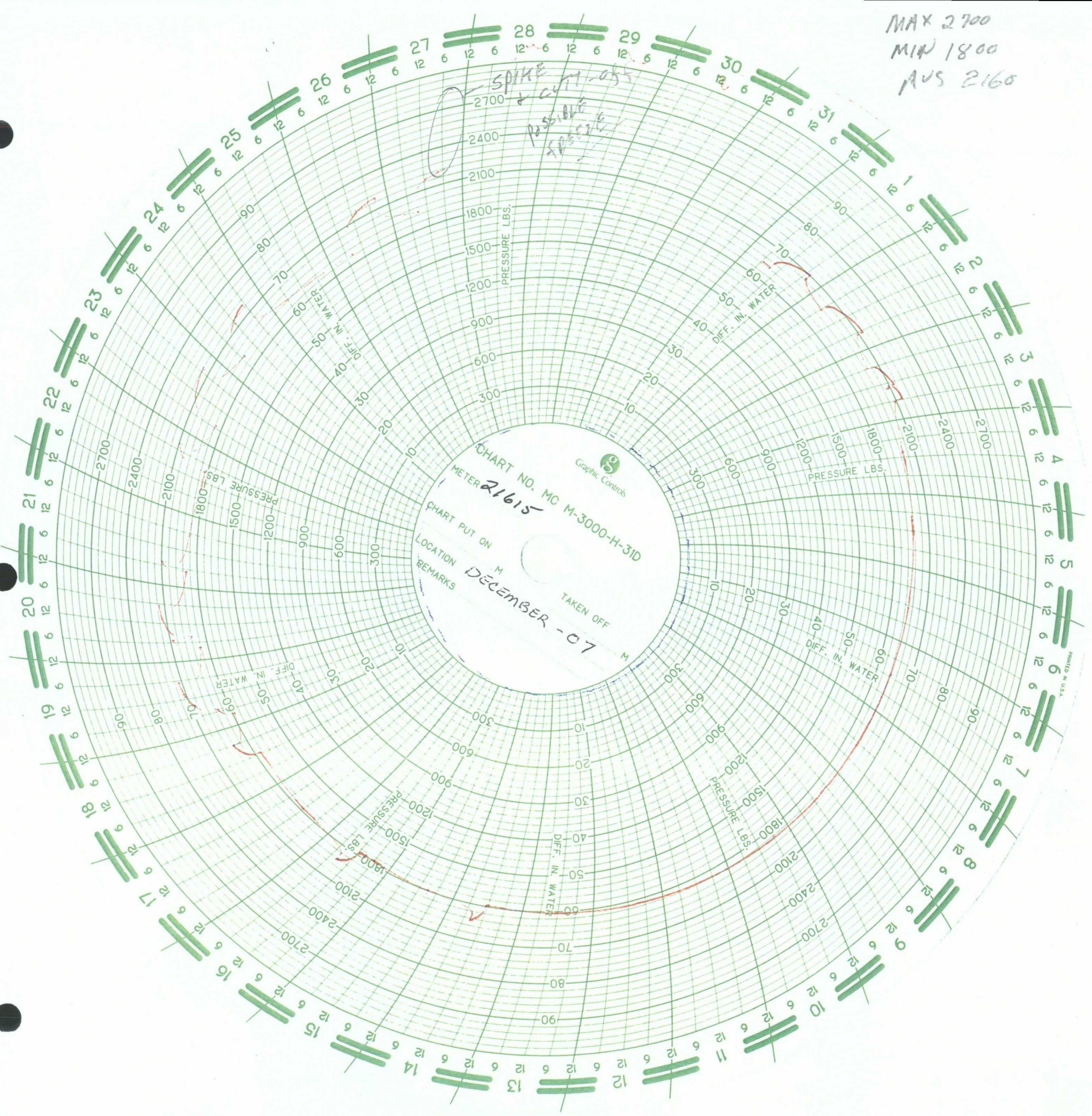
17943 BBLS

PRESSURE LBS.

DIFF. IN. WATER

PRINTED IN U.S.A.

MAX 2700
MIN 1800
AVG 2160



MAX 1680
MIN 1320
AUG 1560

Graphic Controls

JANUARY 08

CHART NO. MC M-3000-H-31D

METER

CHART PUT ON M

TAKEN OFF M

LOCATION

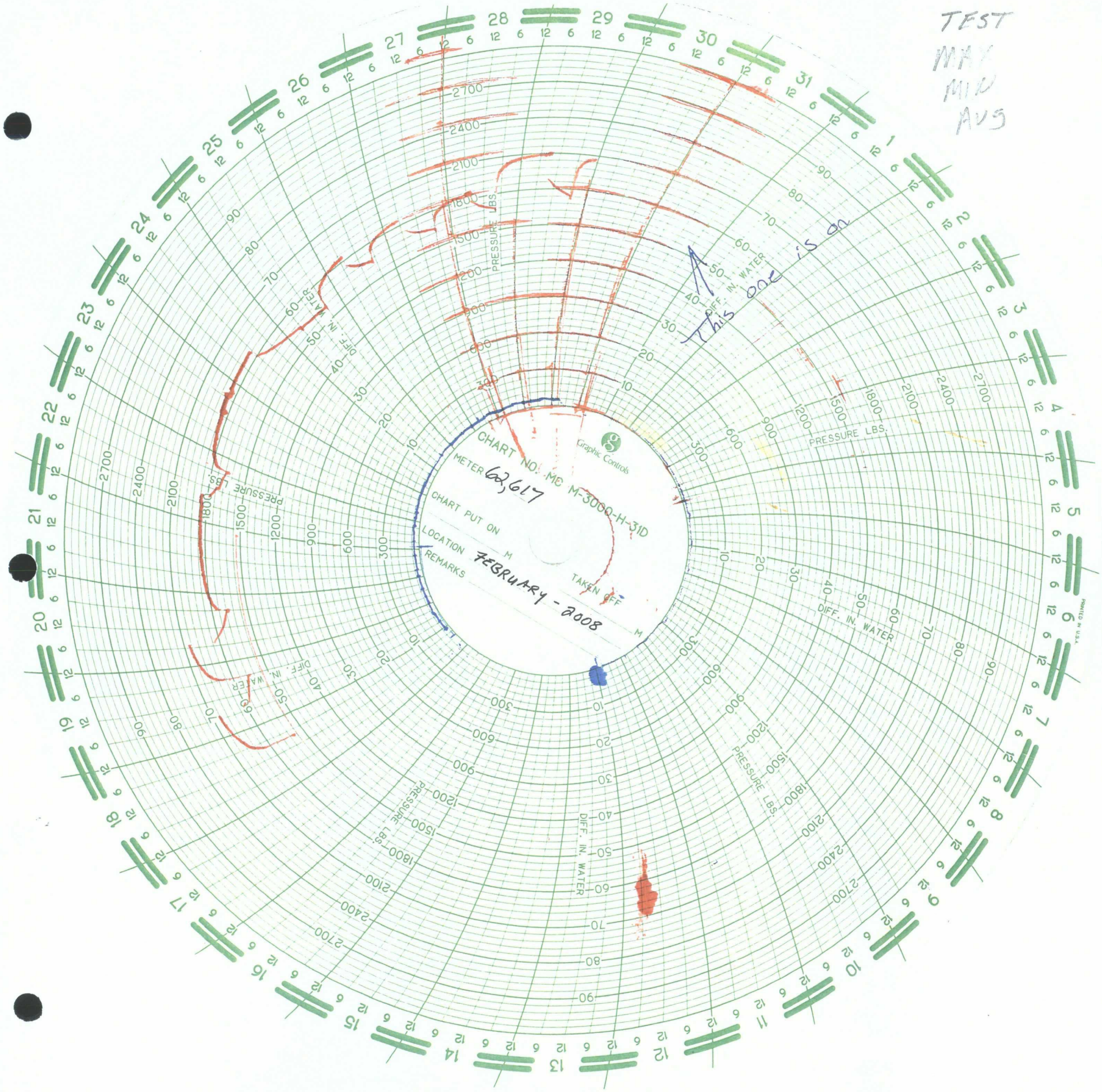
REMARKS 86,166

PRESSURE LBS.

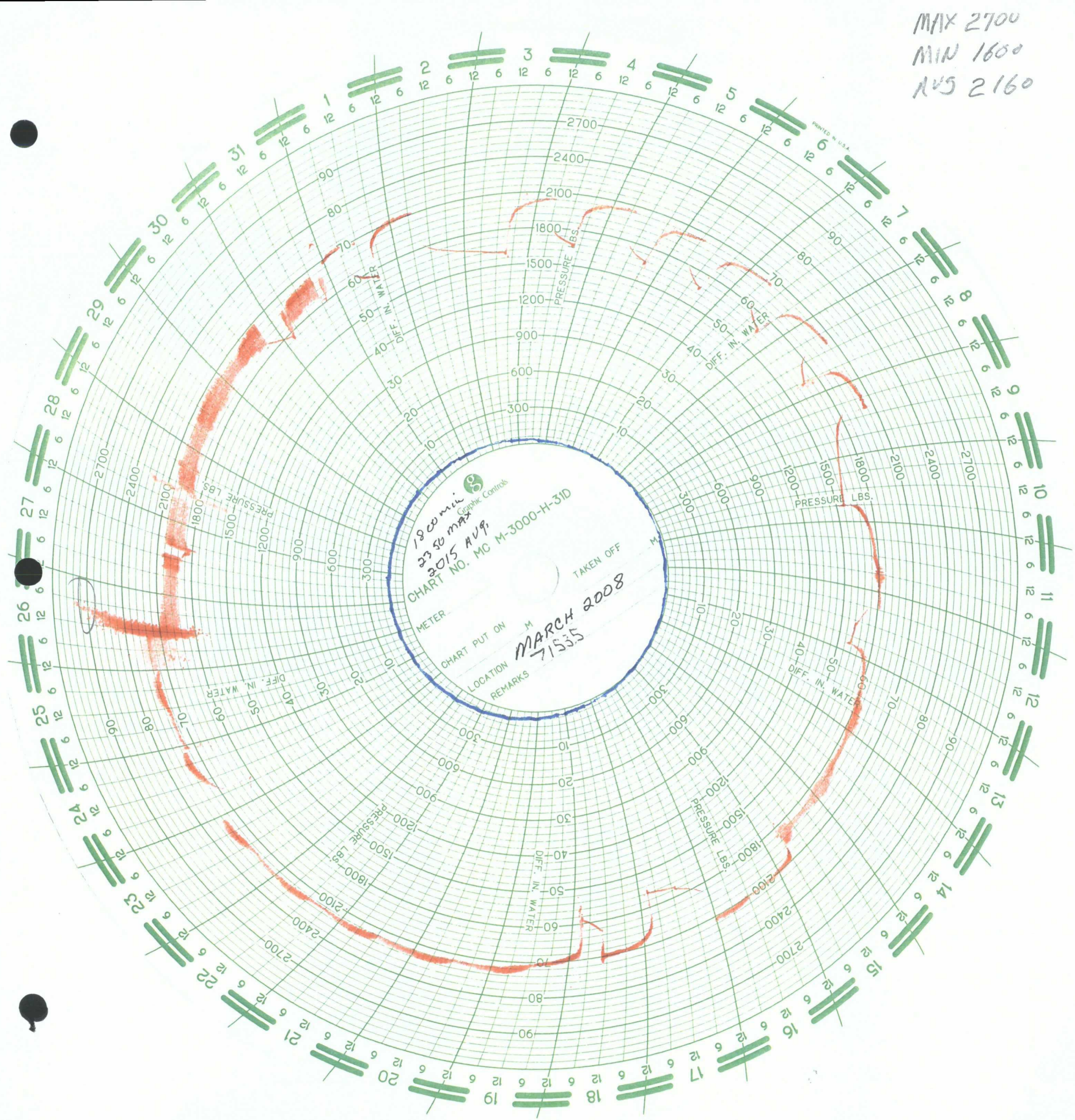
DIFF. IN. WATER

PRINTED IN U.S.A.

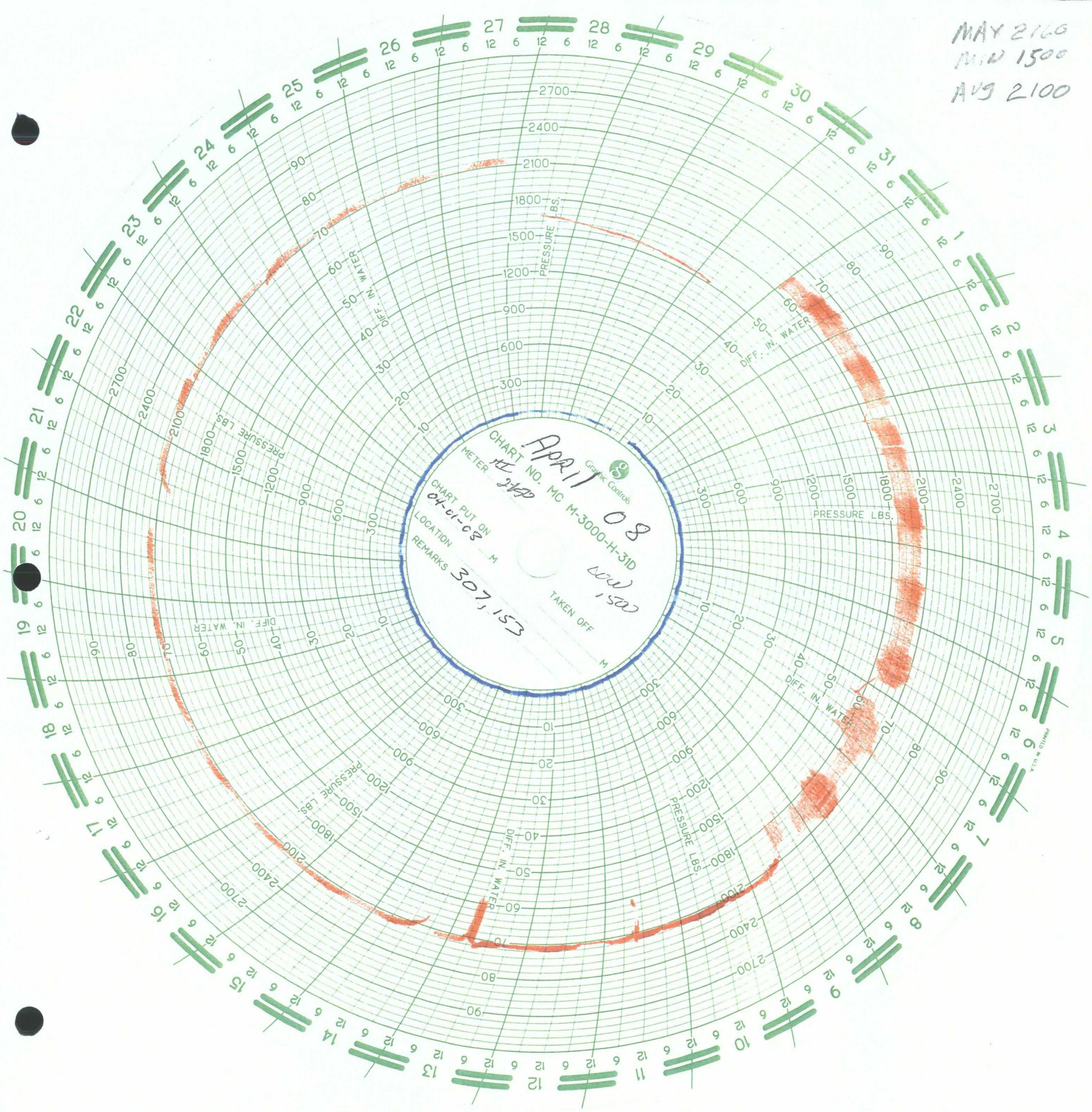
TEST
MAX
MIN
AVG



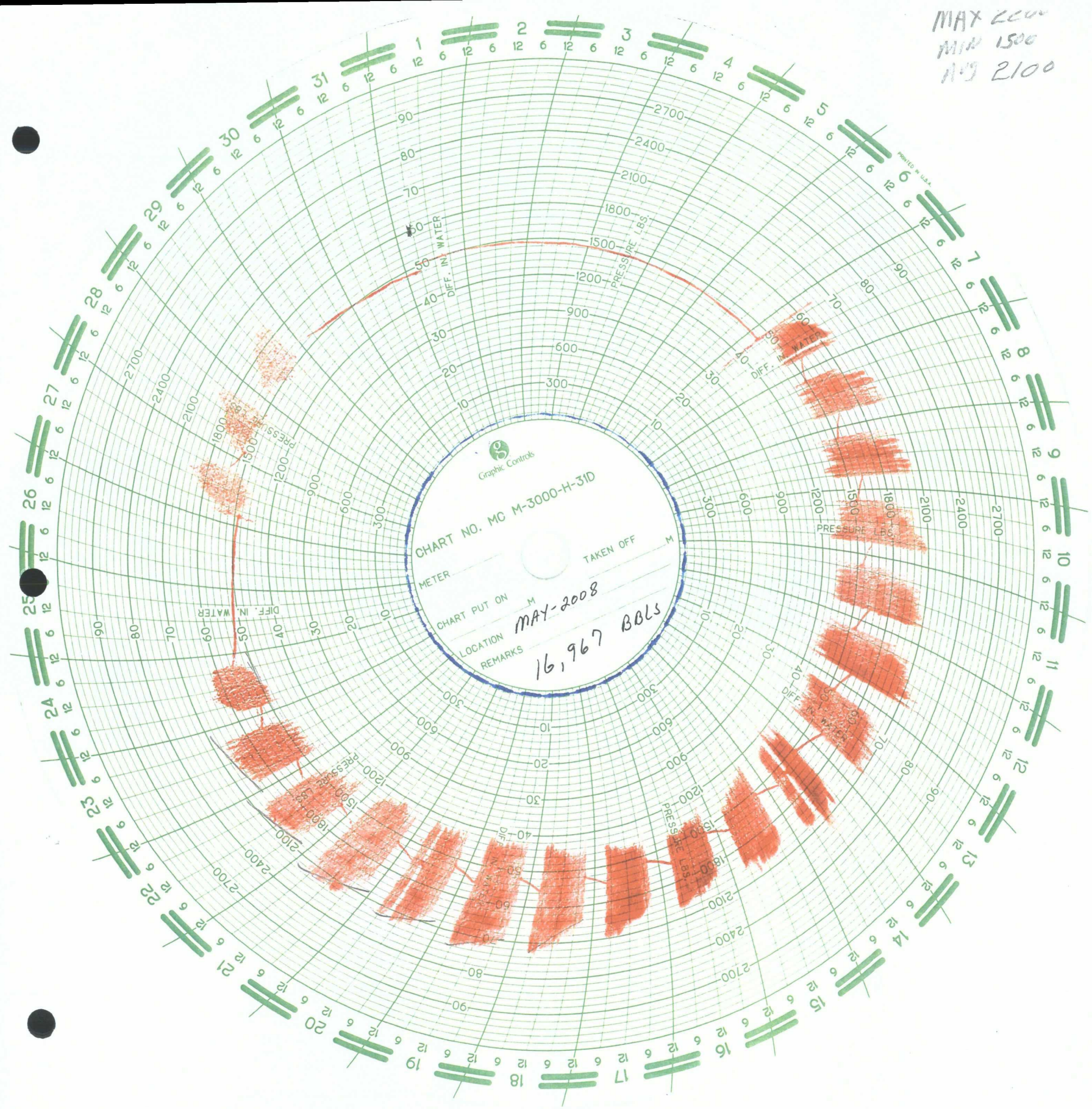
MAX 2700
MIN 1600
AVG 2160



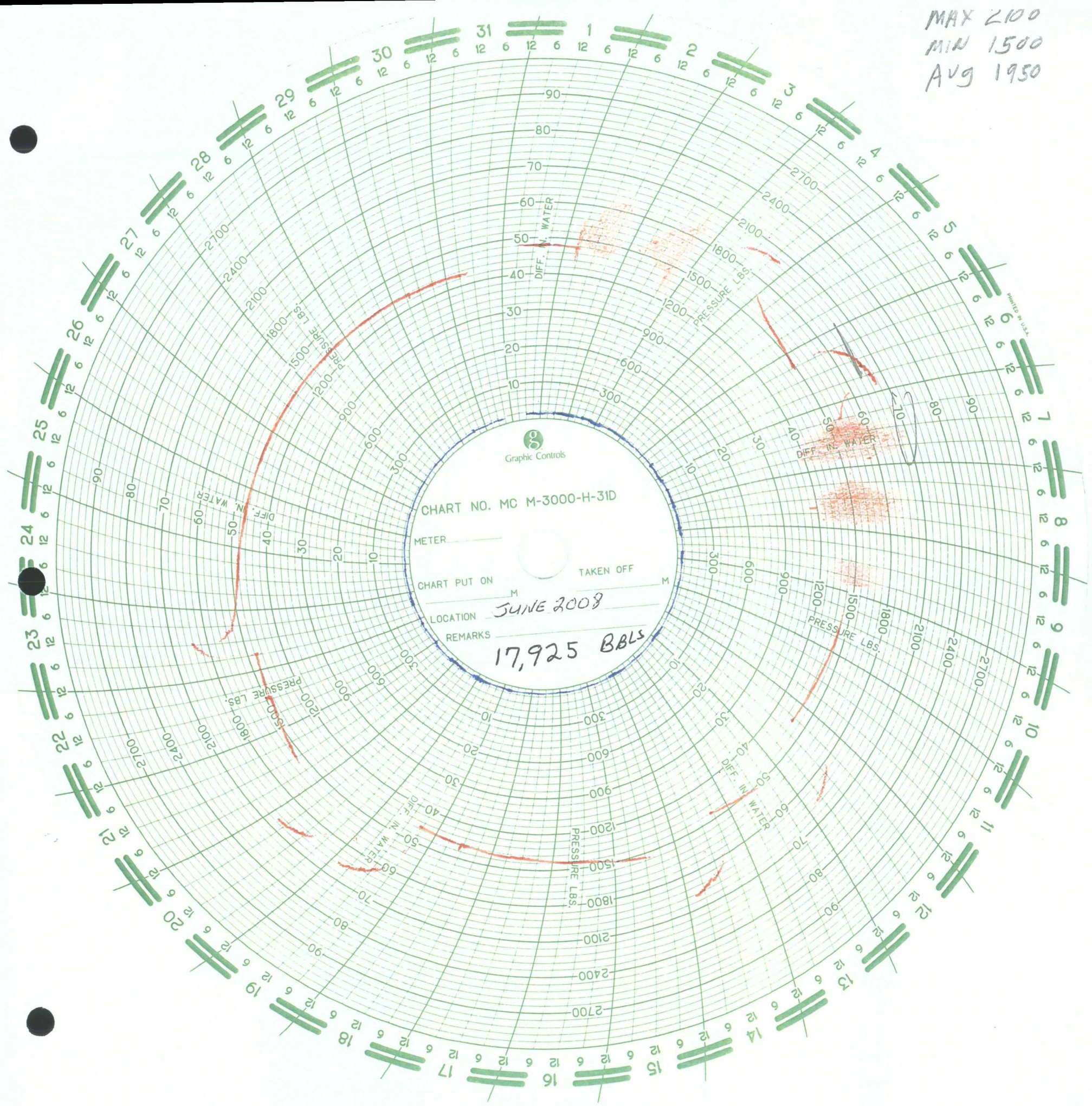
MAY 2160
MIN 1500
AVG 2100



MAX 2200
MIN 1500
AVG 2100



MAX 2100
MIN 1500
AVG 1950



NOT READ

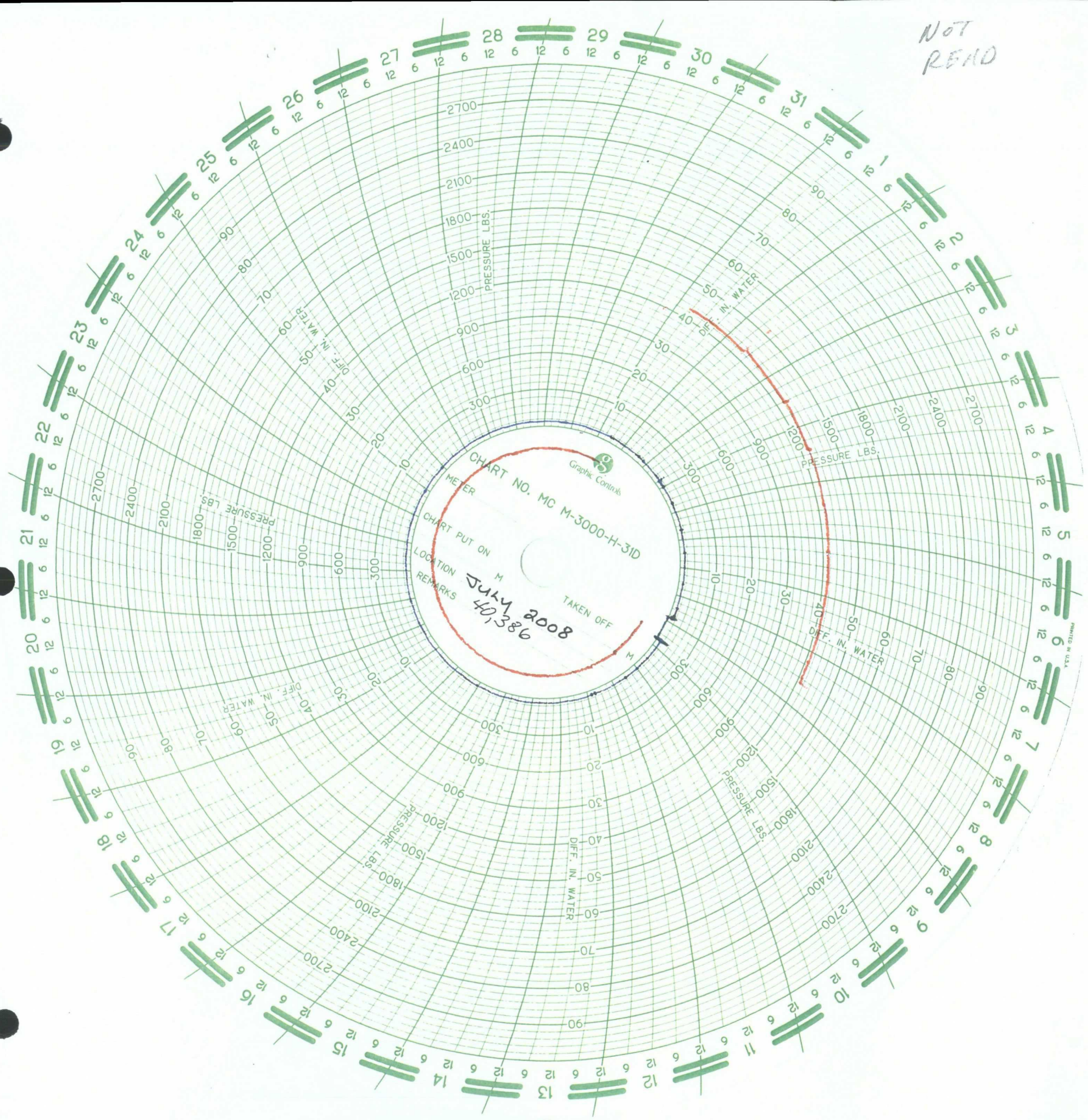


CHART NO. MC M-3000-H-31D
Graphic Controls
METER
CHART PUT ON
M
LOCATION
REMARKS
TAKEN OFF
M
July 2008
40,386
PRESSURE LBS.
DIFF. IN. WATER
PRINTED IN U.S.A.

NOT READ

Graphic Controls

CHART NO. MC M-3000-H-31D

METER

TAKEN OFF M

CHART PUT ON M

LOCATION

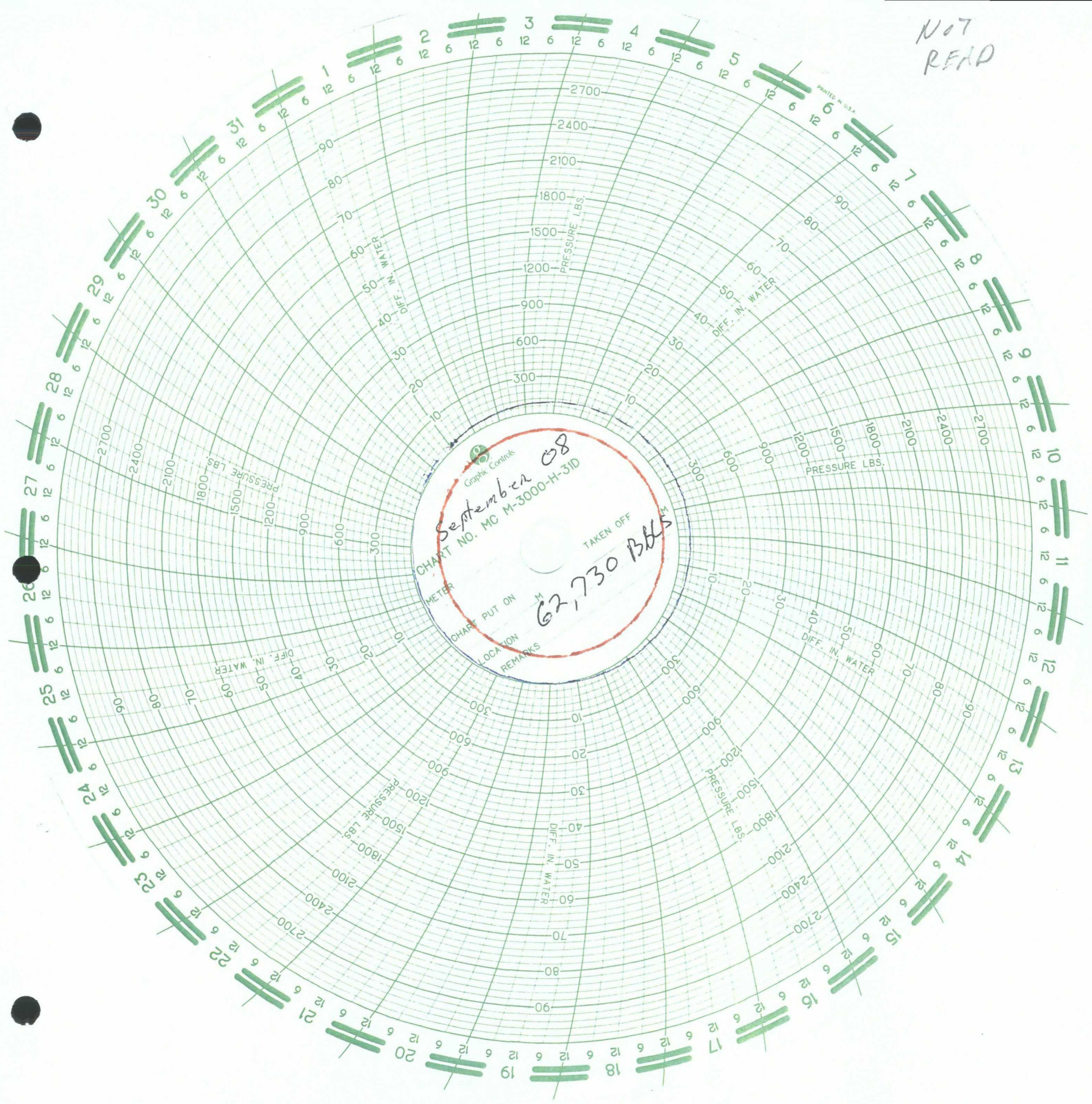
REMARKS AUGUST 2008

DIFF. IN. WATER

PRESSURE LBS.

PRINTED IN U.S.A.

NO7
READ


Graphic Controls
September 08
CHART NO. MC M-3000-H-31D
METER
CHART PUT ON
TAKEN OFF
62,730
LOCATION
REMARKS
PRESSURE LBS.
DIFF. IN. WATER

MAX 2400
MIN 1500
AVG 2100

Graphic Controls

OCTOBER 08

CHART NO. MC M-3000-H-31D

METER

CHART PUT ON
OCT 1 2008 M

LOCATION

REMARKS

TAKEN OFF
M

PRESSURE LBS.

DIFF. IN. WATER

PRINTED IN U.S.A.

MAX 2300
MIN 1500
AVG 2100

Graphic Controls

CHART NO. MC M-3000-H-31D

METER

CHART PUT ON M TAKEN OFF M

LOCATION NOVEMBER-2008

REMARKS

74,513 BBLs

PRINTED IN U.S.A.

MAX
MIN 1600
AVG 2100

MAX
MIN
AVG

Graphic Controls
December 08
CHART NO. MC M-3000-H-31D
METER
CHART PUT ON 12-01-08 M
LOCATION
REMARKS 58922
TAKEN OFF M

PRESSURE LBS.
DIFF. IN. WATER

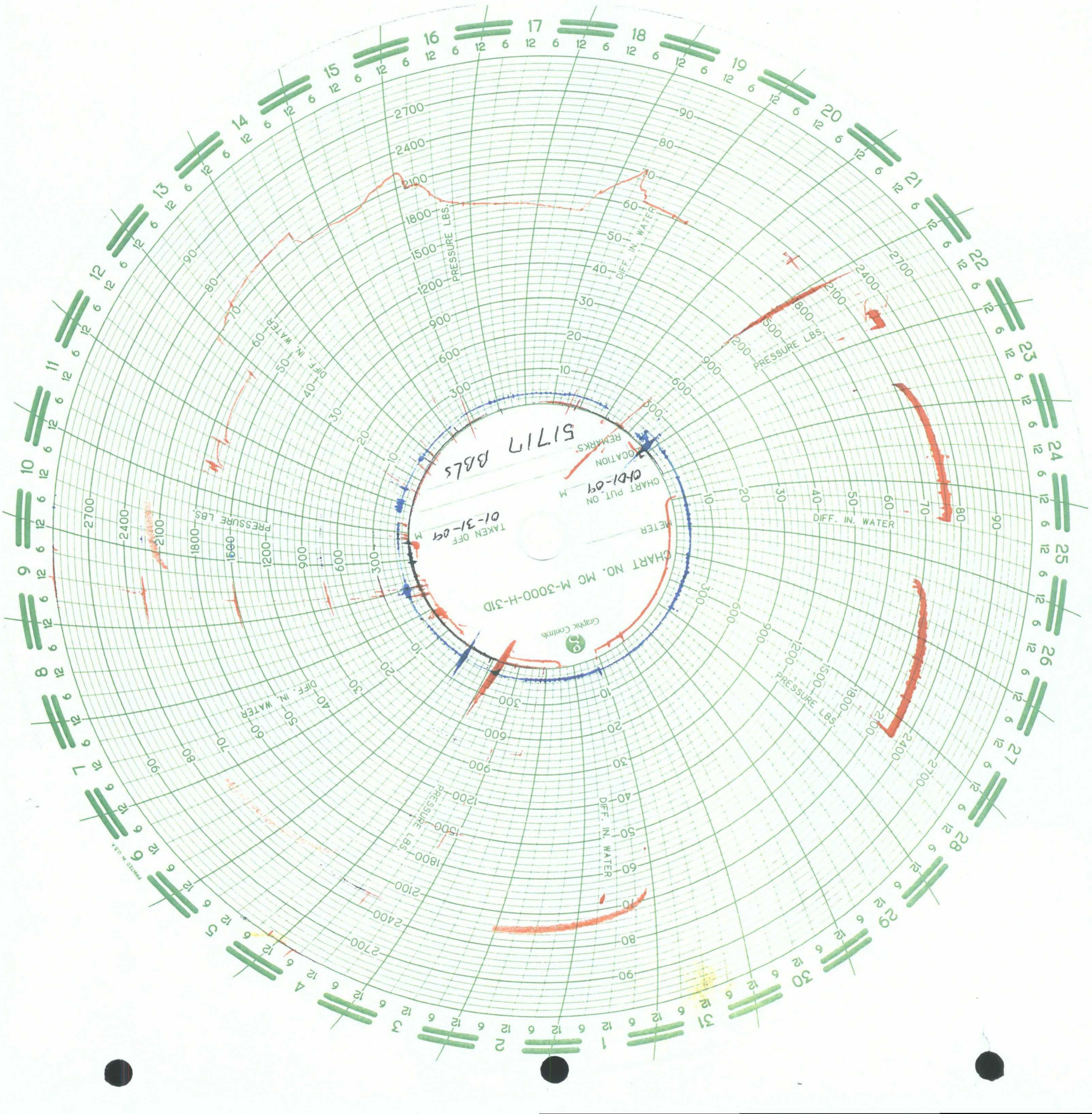
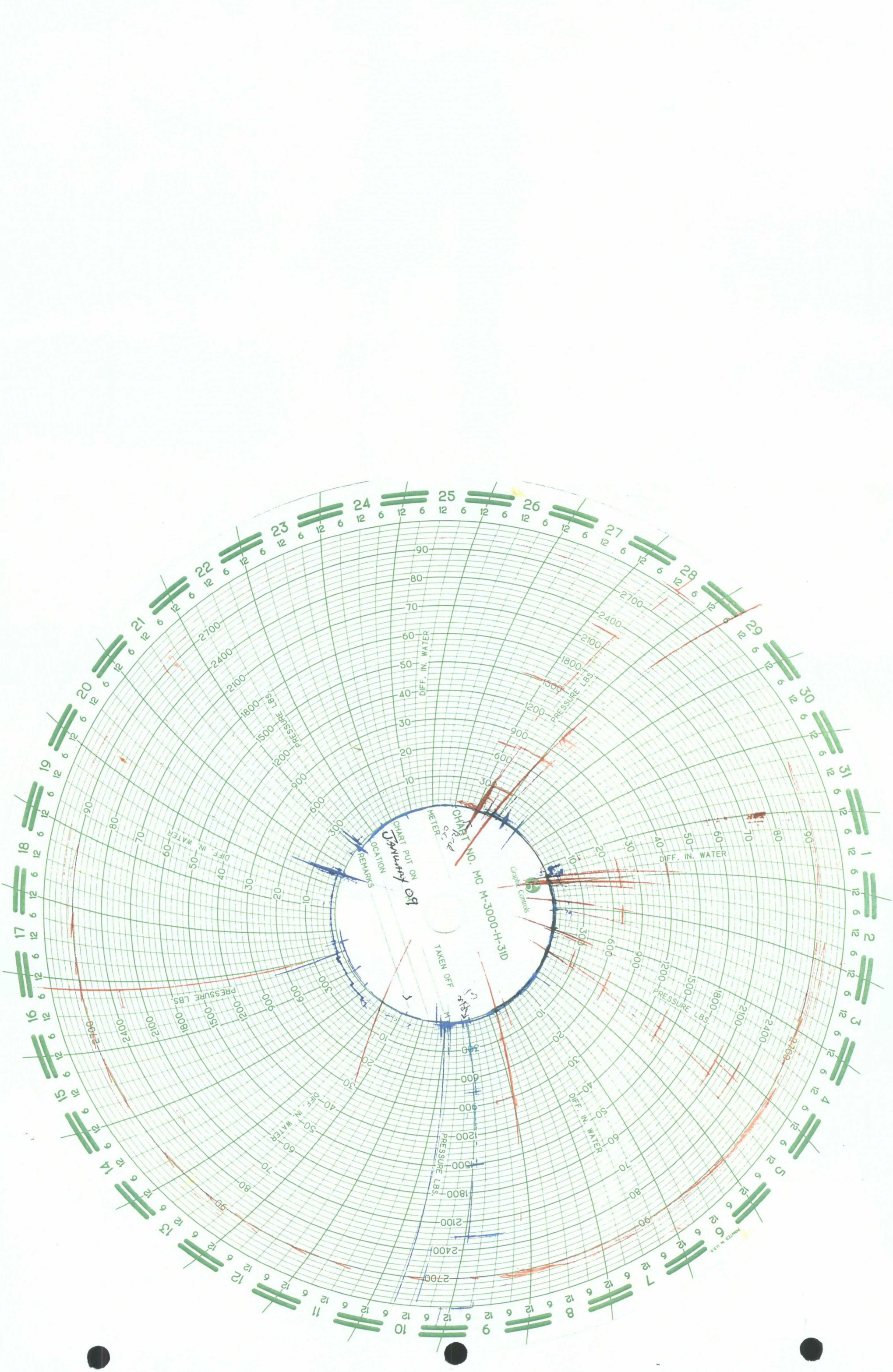
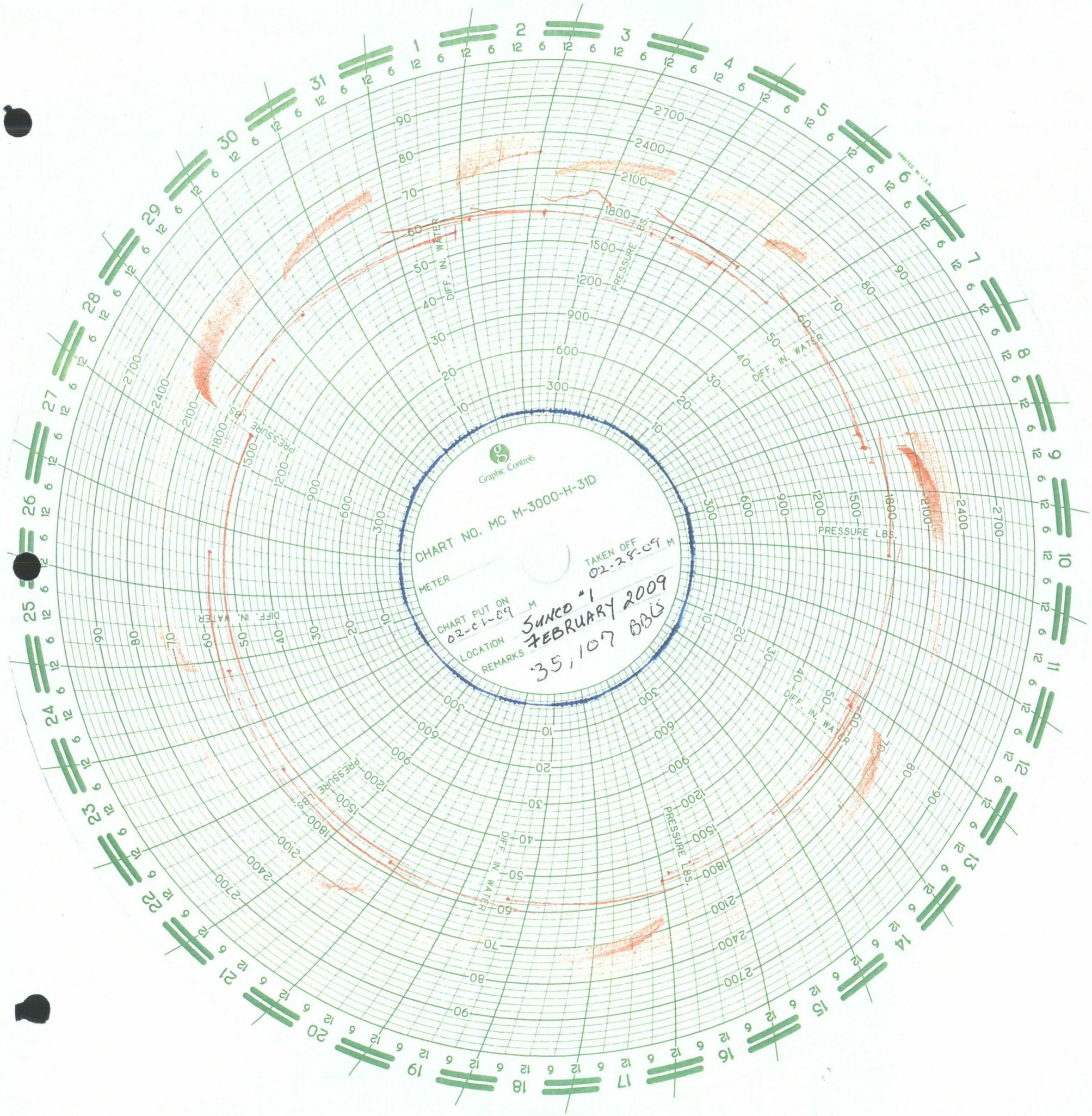
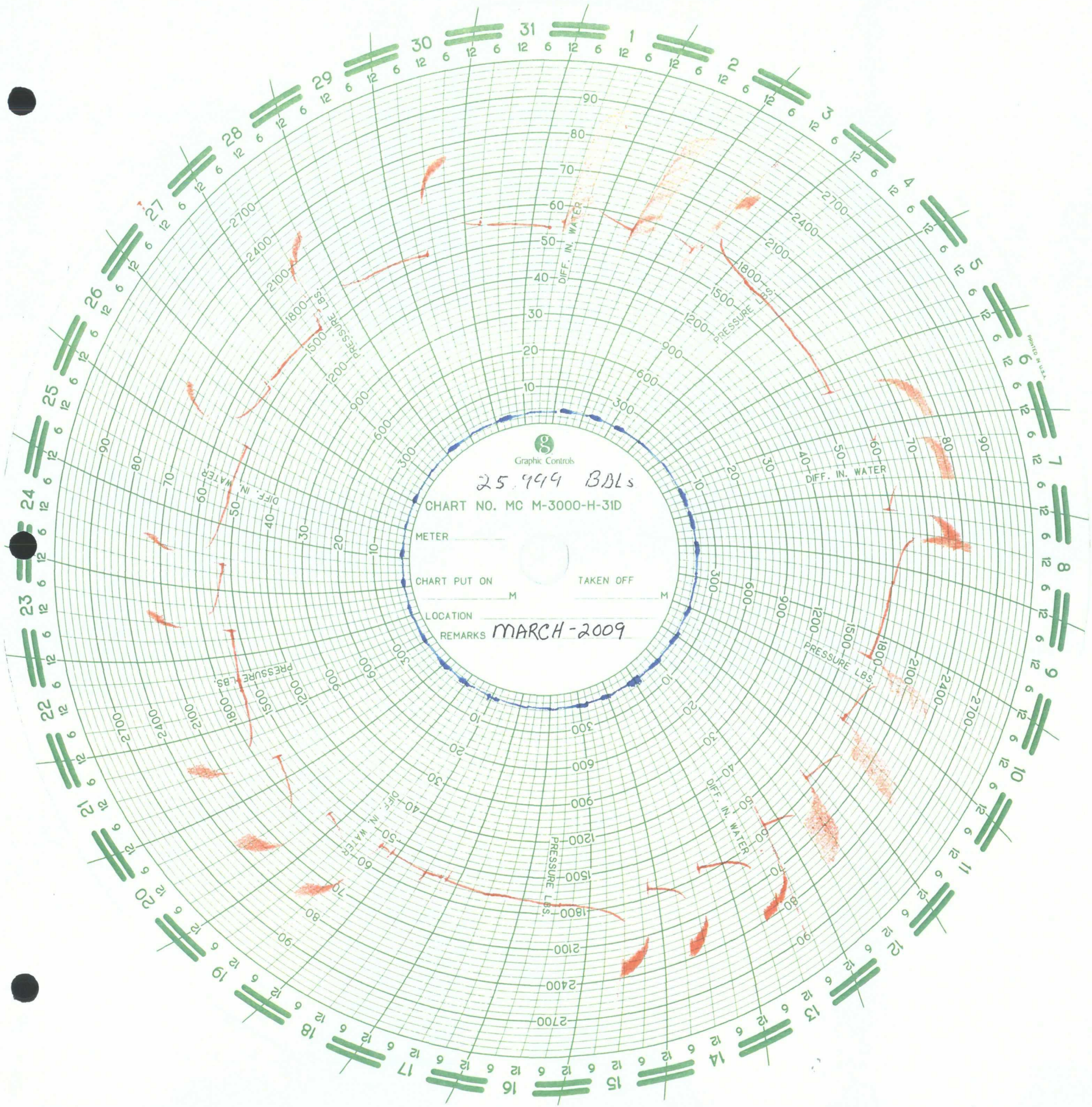
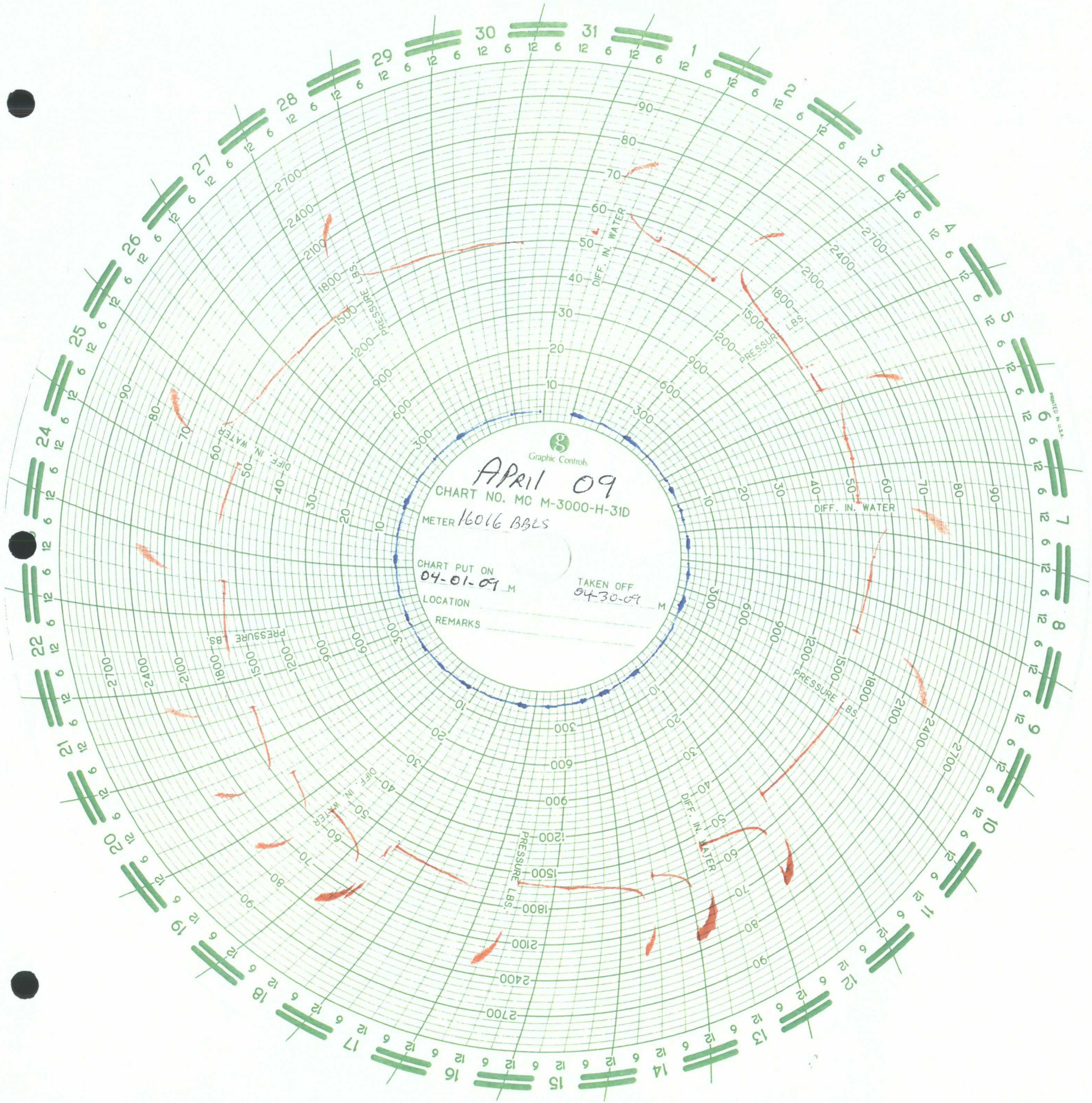


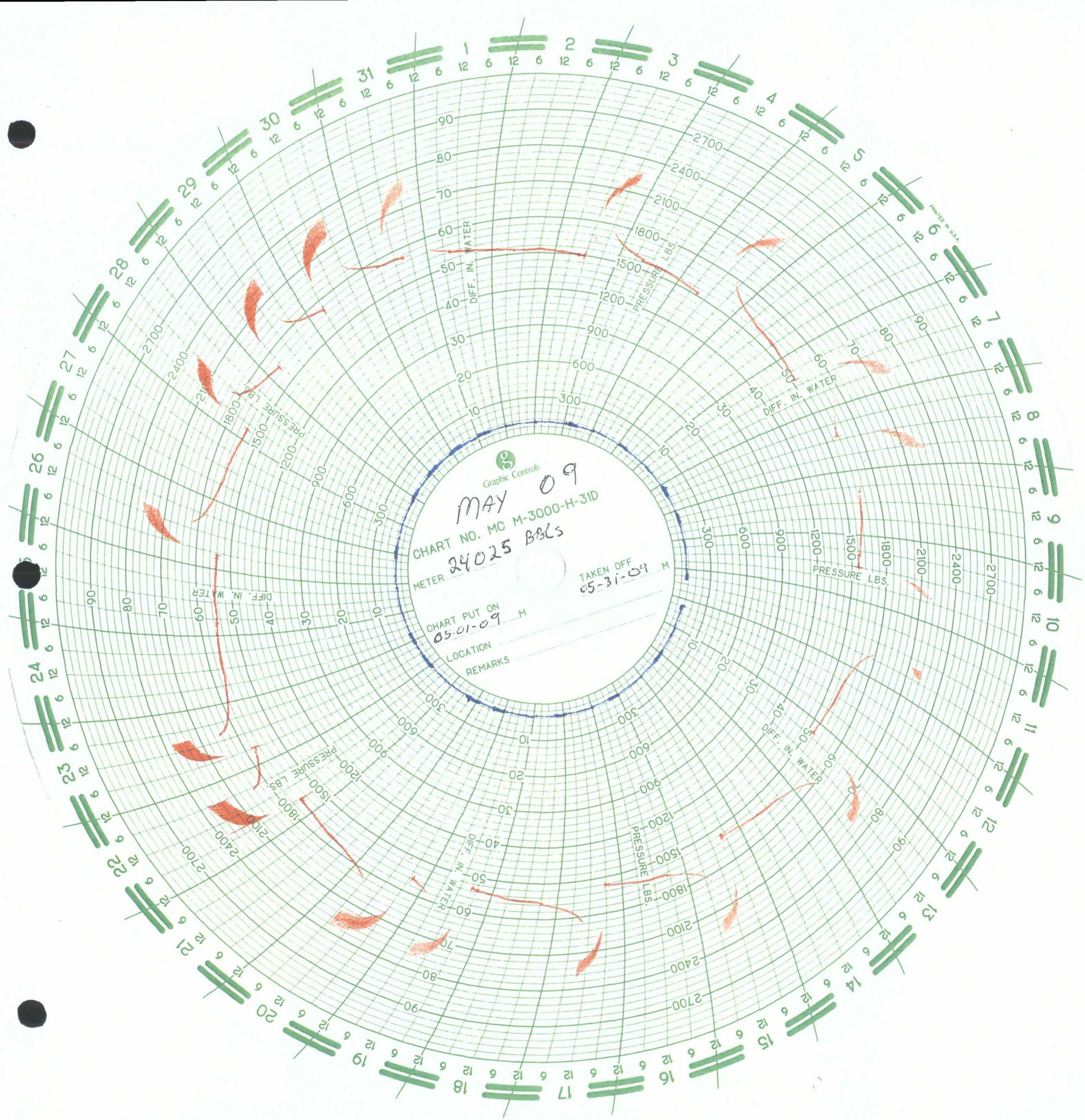
CHART NO. MC M-3000-H-3ID
Graphic Controls
TAKEN OFF 01-31-04 M
CHART PUT ON 01-01-04 M
REMARKS
LOCATION
METER
PRESSURE LBS.
DIFF. IN. WATER
PRINTED IN U.S.A.

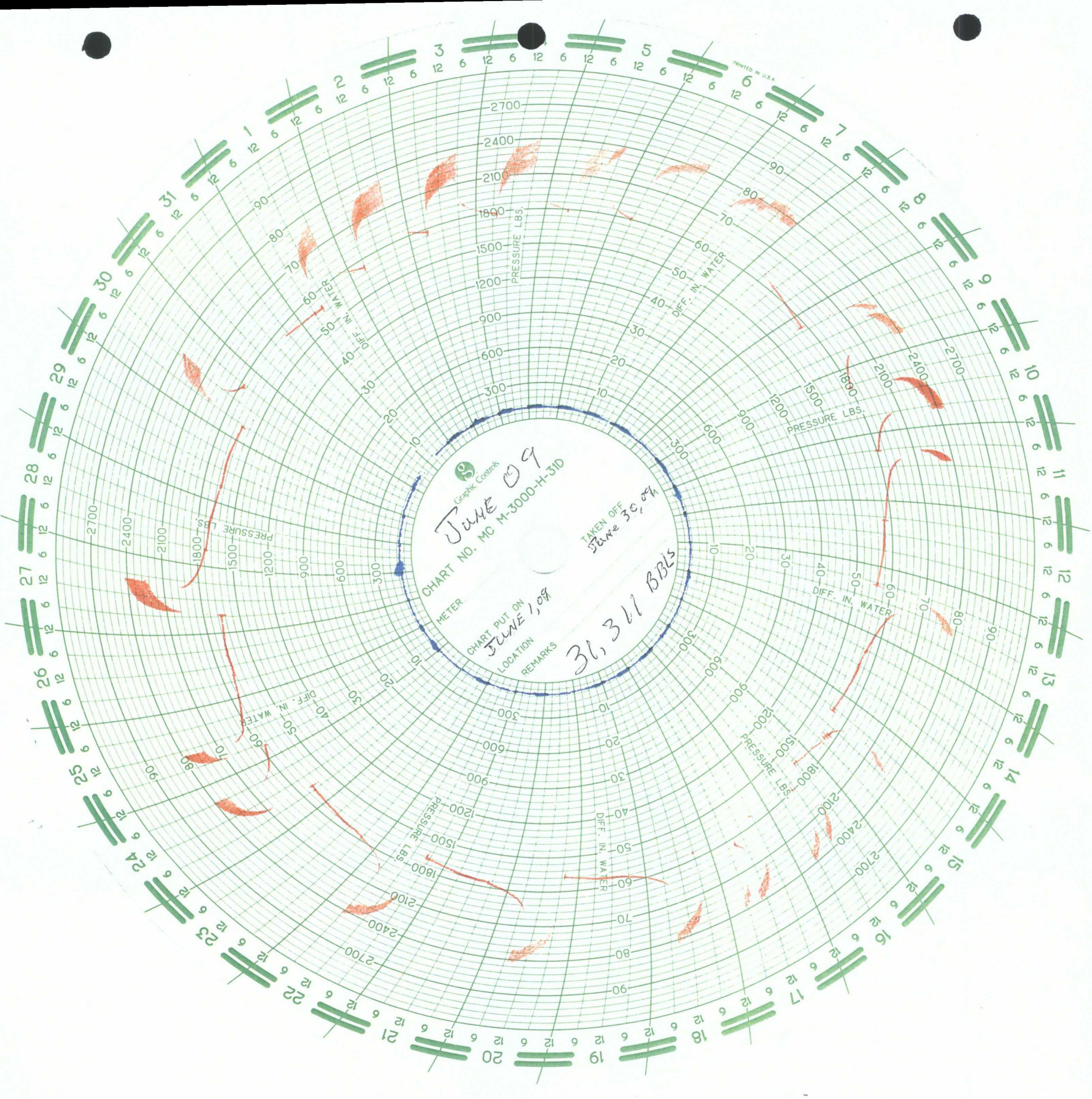

DIFF. IN. WATER
PRESSURE LBS.
CHART NO. MC M-3000-H-31D
CHART PUT ON
TAKEN OFF
METER
REMARKS
LOCATION
Graphic Controls
PRINTED IN U.S.A.

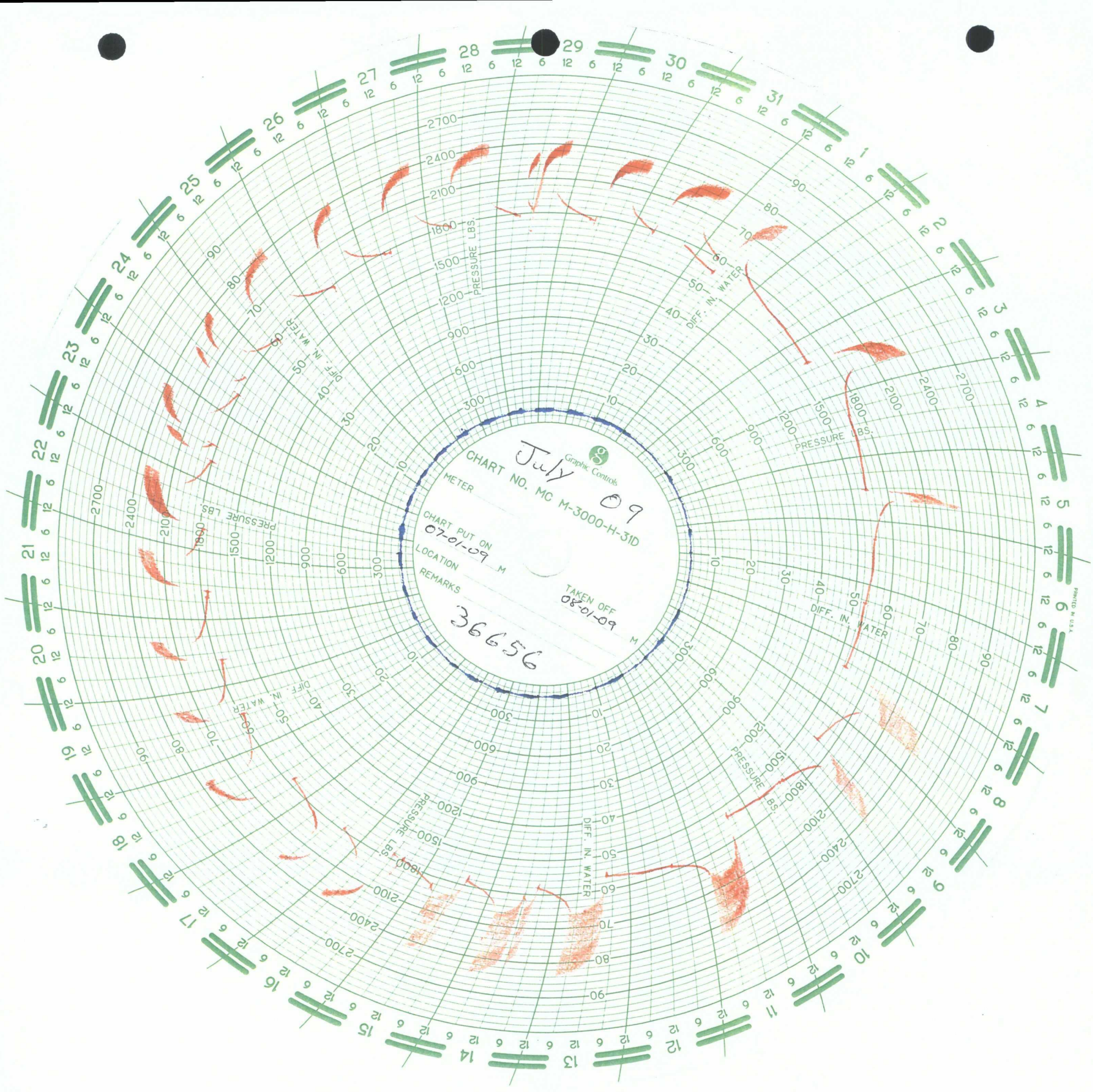

Graphic Controls
CHART NO. MC M-3000-H-31D
METER
TAKEN OFF 02-28-09 M
CHART PUT ON 02-01-09 M
LOCATION SUNCO #1
REMARKS FEBRUARY 2009
35,107 BBLS
PRESSURE LBS.
DIFF. IN. WATER
PRINTED IN U.S.A.

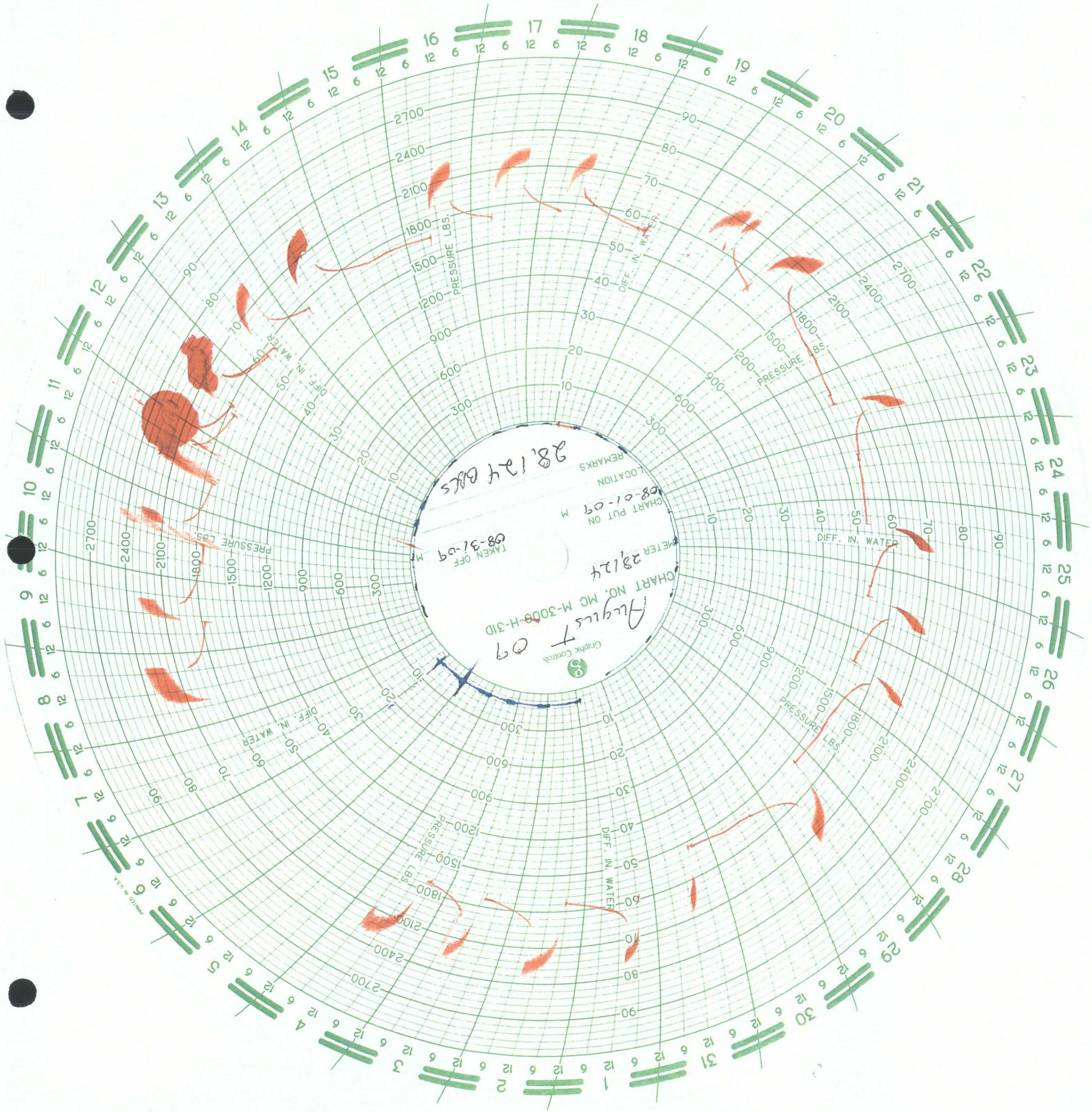

Graphic Controls
25,949 BBLs
CHART NO. MC M-3000-H-31D
METER
CHART PUT ON
TAKEN OFF
M
M
LOCATION
REMARKS MARCH - 2009
DIFF. IN. WATER
PRESSURE LBS.
PRINTED IN U.S.A.


Graphic Controls
APRIL 09
CHART NO. MC M-3000-H-31D
METER 16016 BBLS
CHART PUT ON
04-01-09 M
TAKEN OFF
04-30-09 M
LOCATION
REMARKS
PRESSURE LBS.
DIFF. IN. WATER
PRINTED IN U.S.A.


Graphic Controls
MAY 09
CHART NO. MC M-3000-H-31D
METER 24025 BBLS
TAKEN OFF
05-31-09 M
CHART PUT ON
05-01-09 M
LOCATION
REMARKS
DIFF. IN. WATER
PRESSURE LBS.
PRINTED IN U.S.A.


Graphic Controls
CHART NO. MC M-3000-H-31D
METER
CHART PUT ON
LOCATION
REMARKS
June 09
June 1, 09
TAKEN OFF
June 30, 09
36,311 BBLS
PRESSURE LBS.
DIFF. IN. WATER
PRINTED IN U.S.A.


Graphic Controls
CHART NO. MC M-3000-H-31D
July 09
METER
CHART PUT ON
07-01-09 M
LOCATION
REMARKS
36656
TAKEN OFF
08-01-09 M
PRESSURE LBS.
DIFF. IN. WATER
PRINTED IN U.S.A.


28,134 Hrs
REMARKS
LOCATION
CHART PUT ON
08-01-09 M
METER 28,124
CHART NO. MC M-3000-H-3ID
Hughes T 09
Graphic Controls
TAKEN OFF
08-31-09 M
PRESSURE LBS.
DIFF. IN WATER
DIFF. IN. WATER
PRESSURE LBS.
PRESSURE LBS.
DIFF. IN. WATER
PRESSURE LBS.
DIFF. IN. WATER
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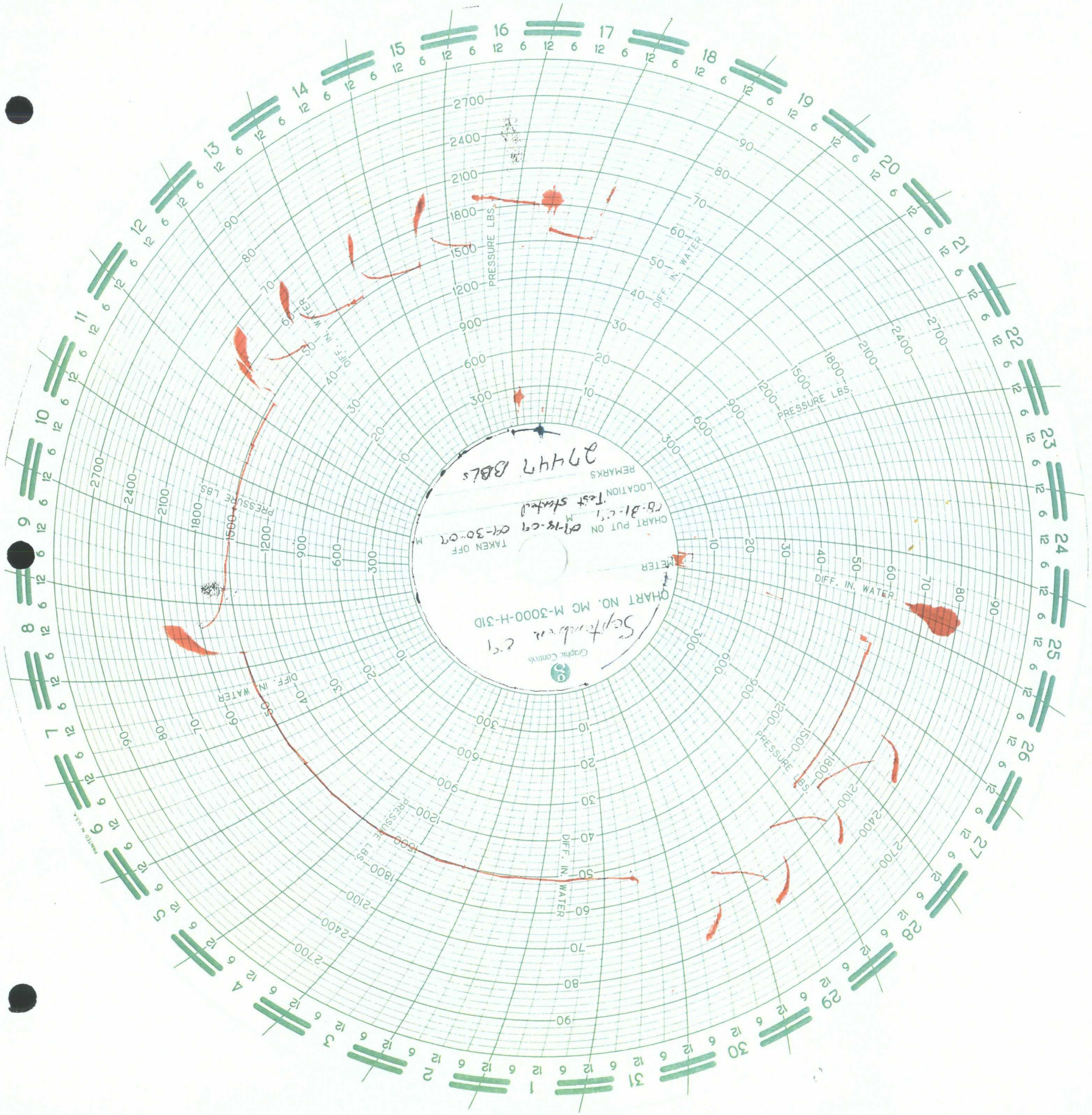
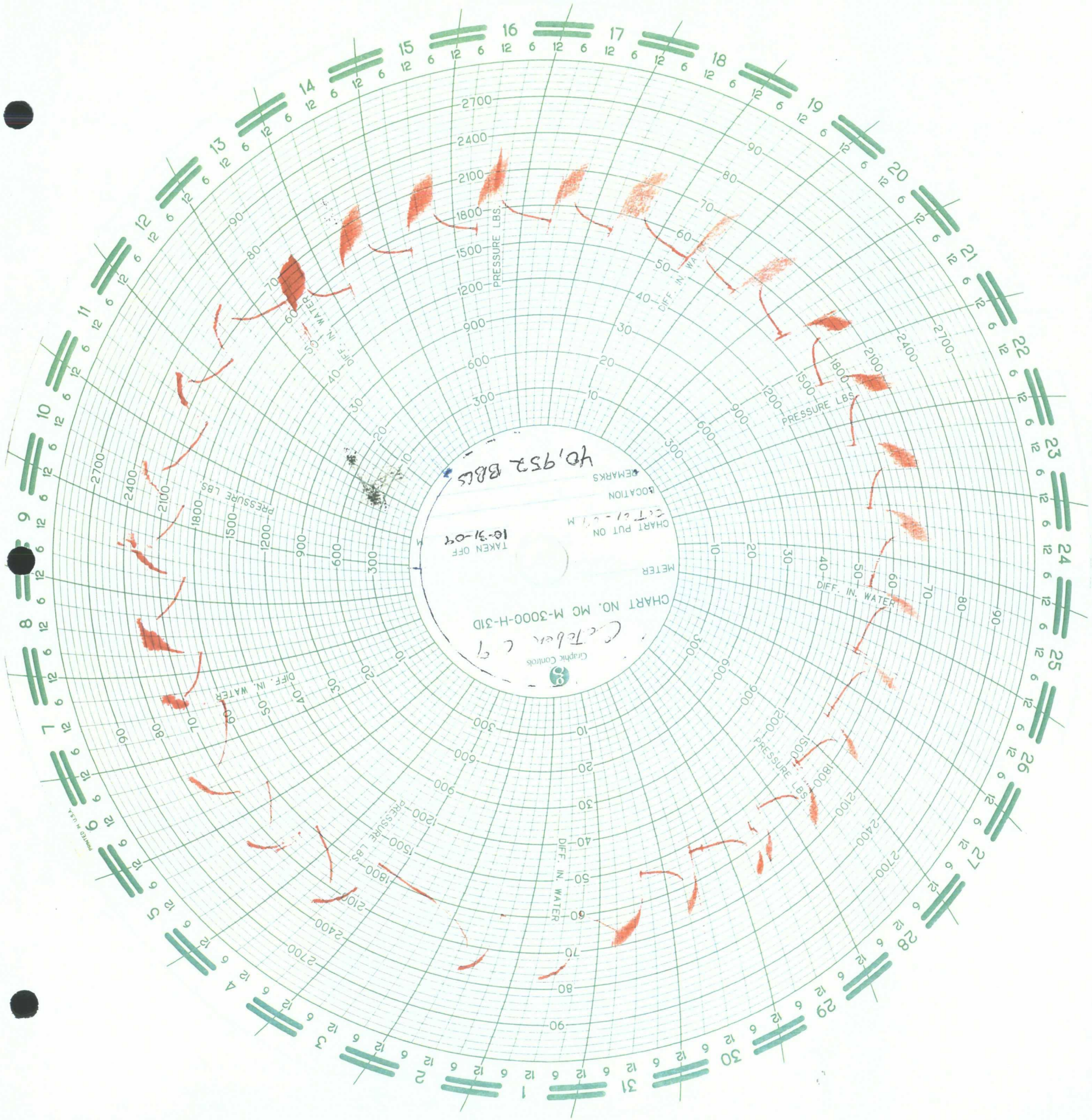
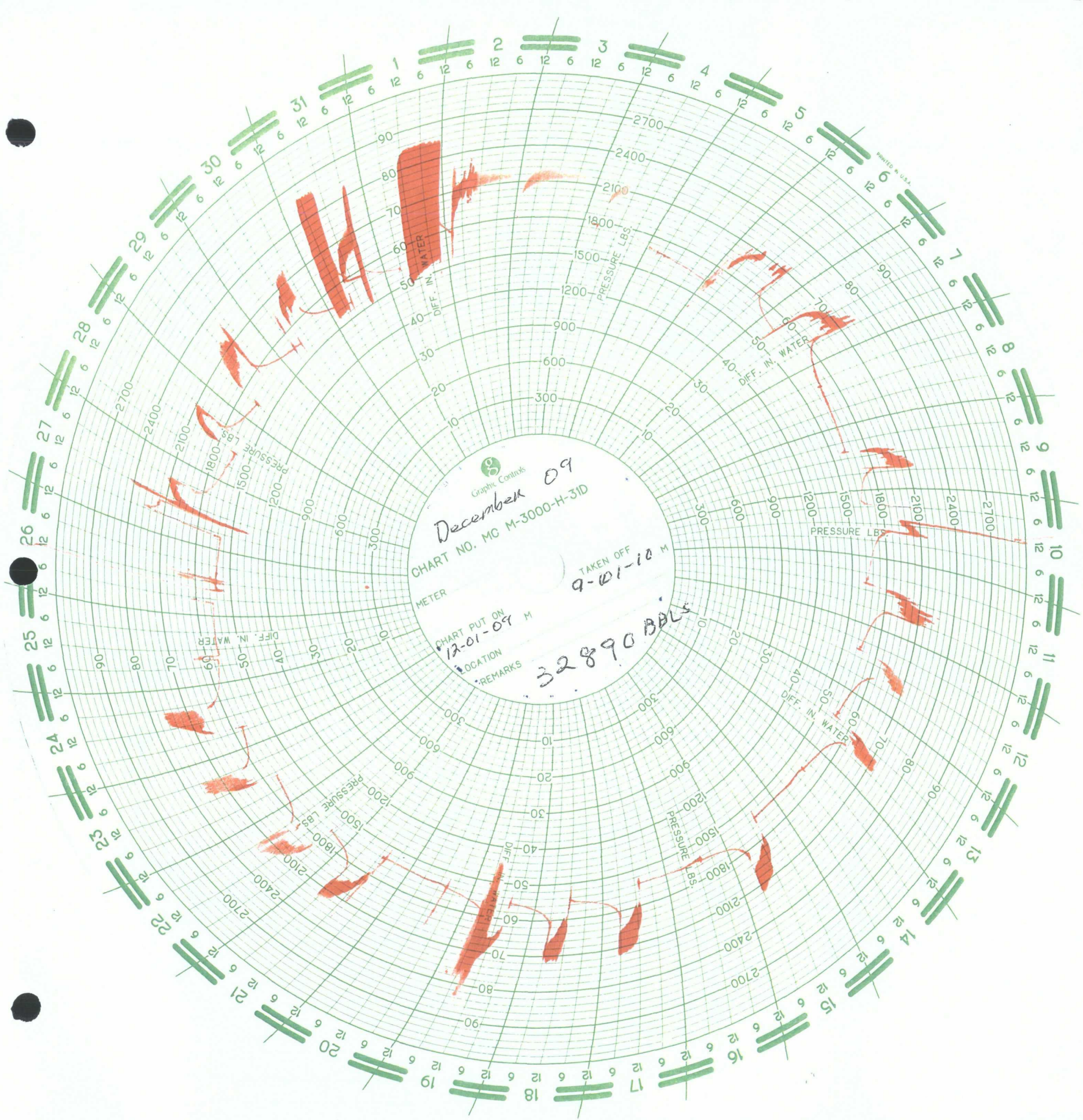

PRESSURE LBS.
DIFF. IN. WATER
Graphic Controls
CHART NO. MC M-3000-H-3ID
CHART PUT ON
TAKEN OFF
LOCATION
REMARKS
PRINTED IN U.S.A.


Graphic Controls
CHART NO. MC M-3000-H-3ID
METER
LOCATION
REMARKS
CHART PUT ON
TAKEN OFF
PRESSURE LBS.
DIFF. IN. WATER
MADE IN U.S.A.

METER
CHART NO. MC M-3000-H-31D
NOVEMBER 09
CHART PUT ON
10-31-09 M
TAKEN OFF
11-30-09 M
LOCATION
REMARKS
39,263 BBLS
DIFF. IN. WATER
PRESSURE LBS.
Graphic Controls
PRINTED IN U.S.A.


Graphic Controls
December 09
CHART NO. MC M-3000-H-31D
METER
CHART PUT ON
12-01-09 M
LOCATION
REMARKS
TAKEN OFF
9-01-10 M
32890 BBLS
DIFF. IN. WATER
PRESSURE LBS.
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