SSU – Southern States Utilities

MARCO ISLAND INJECTION WELL NO. 1

Well Completion Report

VOLUME 2 – APPENDICES

Marco Island Photo Produced by Viewfinders

M&A

MISSIMER & ASSOCIATES, INC.

Environmental and Groundwater Services

Southern States Utilities
Marco Island Injection Well No. 1
Final Well Completion Report
Volume 2 - Appendices

Prepared for:
Southern States Utilities
1000 Color Place
Apopka, Florida 32703

Prepared by:
Misimer & Associates, Inc.
600 Sandtree Drive Suite 101
Lake Park, Florida 33403

APPENDICES

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Appendix A

Regulatory Permit

C. Craig M.
Ralph T.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

CERTIFIED MAIL #P 496 201 743
RETURN RECEIPT REQUESTED

In the Matter of an
Application for Permit by:

Rafael Terrero, P.E.
SSU Services/Marco Island Utilities
1787 South Orange Blossom Trail
Apopka, FL 32703

DER File No. 5211P02483
Collier County - UIC
Marco Island Utilities
Injection Well

Enclosed is Permit Number UC11-179323 to construct a Class I test/injection well for combined ~~industrial and~~ domestic effluent issued pursuant to Chapter 403, Florida Statutes, and 17-3, 17-4, 17-28, 17-301, and 17-302, Florida Administrative Code.

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed with the Clerk of the Department.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Philip R. Edwards
Deputy Assistant Secretary
South Florida District
2269 Bay Street
Fort Myers, Florida 33901-2896
(813)332-6975

PRE/HWY/mk

Copies furnished to:

Lloyd Horvath
James McGrath
Technical Advisory Committee

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on December 6, 1990 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to §120.52(9), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

(Clerk) 12/10/90 (Date)

Florida Department of Environmental Regulation

South District • 2269 Bay Street • Fort Myers, Florida 33901-2896 • 813-332-6975

Bob Martinez, Governor | Dale Twachtmann, Secretary | John Shearer, Assistant Secretary | Phillip Edwards, Deputy Assistant Secretary

COPY

PERMITTEE:
SSU Services/Marco Island Utilities
1787 S. Orange Blossom Trail
Apopka, FL 32703

I.D.No: 5211P02483
Permit/Certification Number: UC11-179323
Date of Issue: December 5, 1990
Expiration Date: December 5, 1995
County: Collier
Latitude: 25° 57' 30" N
Longitude: 81° 43' 30" W
Section/Town/Range: 8/52S/26E
Project: Marco Island Utilities Injection Well

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rules 17-4 and 17-28. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To construct a Class I test/injection well with a capacity of 9.9 million gallons per day of combined industrial (water tratment plant concentrate) and domestic effluent as depicted on Missimer & Associates, Inc. conceptual design program prepared for Marco Island Utilities dated February 23, 1990, combined waste stream injection well construction and testing program, H89-314 dated March, 1990, SSU Services Engineering drawing of plan and profile and yard piping for project no. 89D-9977, technical specifications dated August 30, 1990 and application, DER Form 17-1.209(9), dated April 6, 1990 and other documents submitted in support of this permit.

Project is located on Elcam Circle in the utility site on Marco Island.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to the authority of Section 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5) F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by any order from the Department.

6. The permittee shall operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or

GENERAL CONDITIONS:

auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credential or other documents as may be required by law, and at reasonable times, access to the premises, at reasonable times, where the permitted activity is located or conducted to:
a. Have access to and copy any records that must be kept under the conditions of the permit;
b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
a. a description of and cause of non-compliance; and
b. the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the Department, may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with F.A.C. Rules 17-4.120 and 17-30.300, F.A.C. as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:
( ) Determination of Best Available Control Technology (BACT)
( ) Determination of Prevention of Significant Deterioration (PSD)
( ) Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)
( ) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically, unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurements;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

GENERAL CONDITIONS:

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

(a) All reports or information required by the Department shall be certified as being true, accurate and complete.

(b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two seeks.

1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

2. The written submission shall contain a description of an a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance and all information required by Rule 17-28.230(4)(b), F.A.C.

(d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

SPECIFIC CONDITIONS:

1. This permit approval is based upon evaluation of the data contained in the application dated April 23, 1990, and the plans and/or specifications submitted June 28, 1990, in support of the application. Any changes in the plans and/or technical specifications, except as proveded elsewhere in this permit, must be approved by the Department before being implemented.

PERMITTEE:
SSU Services/Marco Island Utilities

I.D. No.: 5211P02483
Permit/Cert. No.: UC11-179323
Date of Issue: December 5, 1990
Expiration Date: December 5, 1995

SPECIFIC CONDITIONS:

2. Members of the TAC shall receive a weekly summary of the daily log kept by the contractor. The weekly reporting period shall run Friday through Thursday and reports shall be mailed each Friday. The report shall include but is not limited to the following:
   a. Description of daily footage drilled by diameter of bit or size of hole opener or reamer being used;
   b. Description of formation and depth encountered; and specific conductance of water samples collected during drilling. Description of work during installation and cementing of casings include amounts of casing and actual cement used versus calculated volume required.
   c. Lithological description of drill cuttings collected every ten (10) feet or at every change in formation. Description of work and type of testing accomplished, geophysical logging, pumping tests, and coring results.
   d. Description of any construction problems that develop and their status to include a description of what is being done or has been done or correct the problem.
   e. Description of the amount of salt used.
   f. Results of any water quality analyses performed as required by this permit.
   g. Copies of the driller's log is to be submitted with the weekly summary.

3. The permittee shall contact the TAC chairman so that he may schedule progress review meetings at appropriate times with the TAC and permittee for the purpose of reviewing the results of tests, geophysical logging, surveys, drilling records and construction problems. At a minimum, a meeting shall be scheduled for the purpose of selecting final setting depth for the 24 inch casing.

4. The Department shall be notified immediately of any problems that may seriously hinder compliance with this permit, construction progress, or good construction practice. The Department may require a detailed written report describing the problem, remedial measures taken to assure compliance and measures taken to prevent recurrence of the problem.

5. After completion of construction and testing, a final report shall be submitted to the Department and the TAC. The report shall include, but not be limited to, 17-28.330(2), Florida Administrative Code with appropriate interpretations.

SPECIFIC CONDITIONS:

6. This project shall be closely monitored by the Department with the assistance of a TAC consisting of representatives of the following agencies:

Engg.

Department of Environmental Regulation, Tallahassee
Department of Environmental Regulation, South Florida District, Ft. Myers
South Florida Water Management District, West Palm Beach
U.S. Geological Survey, Tampa
U.S. Environmental Protection Agency, U.I.C. Section, Atlanta

These agencies shall be provided copies of all correspondence relative to this permit and, unless specifically designated otherwise, all agencies shall be provided copies of all schedules, analyses, geophysical logs, surveys, test reports required by the Department in this permit and/or the specifications.

7. Deviation surveys (sure shot or equivalent) shall be performed at 60-foot intervals in both pilot and reamed holes.

8. The background water quality of the injection and monitor zone(s) shall be established prior to commencement of any injection testing.

Engg.

9. Either ASTM Type II, API Class B or Florida Class H sulfate resistant cement with approved additives shall be used for cementing all casings in injection and monitor wells at the site. A cement bond log shall be run in the injection well after the 24 inch casing has been cemented in place. Cement bond logs shall also be run in the monitor well after the 16 and the 6 inch casings have been cemented in place. Copies of the logs shall be distributed directly to all TAC members.

Engg. Mnstr.

10. Centralizers for the injection casing, shall be placed at about 20 feet from the bottom of the final string of casing, three sets at 40 foot intervals above the bottom centralizer, and every 200 feet thereafter. The topmost centralizer shall be about 20 feet below land surface.

Engg. Mnstr.

11. The disposal of drilling fluids, cuttings, formation water or waste shall be in a sound environmental manner that avoids violation of surface and ground water quality standards. The disposal method shall be approved by the Department prior to start of construction.

Engg. Mnstr.

PERMITTEE:
SSU Services/Marco Island Utilities

I.D. No.: 5211P02483
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SPECIFIC CONDITIONS:

12. A video television survey shall be run on the cased and open hole portions of the injection well prior to the start of injection, including the open hole portion approximately 900 to 2,800 ft. The well shall be pumped at a sufficient rate to assure the proper clarity of waters contained in both the casing and the open borehole. If the Department determines that the completed TV survey is unusable due to excessive turbidity in the borehole or for any other reason, the Department may order the completion of another TV survey prior to commencement of effluent injection. A DER representative will be on site to witness the video survey and affirm the clarity of the pictures.

13. The final string of casing shall have a one half inch wall thickness and be pressure tested for one hour, with no pressure drop after temperature correction. Also, the annular space between the casing and the 20 inch injection tubing shall be pressure tested at the expected injection pressure after setting the tubing downhole with a packer. The tests may be run concurrently or separately, as long as the pressure exerted on the final casing string is 1.5 times the maximum expected injection pressure. The test(s) shall be considered successful if the pressure after one hour is within ± 5% of the initial test pressure and fluid has been neither added nor removed from the well. Detailed written records of the test(s) shall be made by the permittee and submitted to the Department. A representative of the Department shall witness this testing.

14. The permittee shall meet with the TAC to discuss all data obtained, proposed depth of casing and cementing options before reaming out the pilot hole for the final casing.

15. A certification of construction (well completion report) shall be submitted upon completion and prior to effluent injection testing.

16. The final string of casing shall have a nominal overdrill of ten inches. Remaining casings must have a minimum thickness of 2 1/2 inches of cement surrounding the casings with no less than 5 inches of overdrill.

17. The injection and monitor well(s) at the site shall be abandoned when no longer usable for their intended purpose, or when posing potential threat to the quality of the waters of the State. The permittee shall devise a plan for plugging and abandonment of the injection and monitor wells at the site and DER submit this information in the Final Report.

SPECIFIC CONDITIONS:

18. Effluent injection is <u>not authorized</u> under this permit. Under no circumstances, shall effluent injection commence without prior approval (permit) from the Department to inject effluent.

19. The permittee shall investigate lateral water quality changes within the designated injection zone and determine the long-term effect, if any, that injection will have on portions of the receiving zone which are classified as G-II groundwater aquifers by the standards of Chapter 17-3, Florida Administrative Code. This information shall be submitted with the Final Report.

20. A drillable bridge plug shall be set above the injection zone after reaming out for the injection casing at a depth which will be agreed upon during the TAC meeting (see Specific Condition No. 14 above). The injection string shall be set above the pilot hole cement plug with a sufficient interval to allow pressure grouting of the bottom of the final casing string.

21. A survey indicating the exact location in metes and bounds of all wells authorized by this permit shall be provided prior to application for an operating permit.

22. The permittee shall provide a satisfactory demonstration of mechanical integrity upon completion of construction pursuant to Section 17-28.130(6), F.A.C., and Section 17-28.220(7), F.A.C.

23. Provide record of the pressure change at the bottom of the casing during the 24-hour injection test.

24. Rock cores shall be analyzed for effective porosity, vertical permeability, and three (3) cores for rock compressibility. A sample of the formation water shall accompany each core sample so formation factor and resistivity index calculations are representative of natural conditions. Reprints of all laboratory test results should be included in the summary report.

25. A one gallon representative water sample from the injection zone for water quality analysis shall be delivered to the TAC. The laboratory shall prepare an ionic balance to ensure quality control on the tested sample.

26. Water levels in the monitoring wells shall be monitored for a period of 48 hours prior to the 12 hour injection test, and for 24 hours after the test. Top of casing shall be surveyed in and water levels reported to the nearest 0.01 foot referenced to mean sea level.

PERMITTEE:
SSU Services/Marco Island Utilities

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Permit/Cert. No.: UC11-179323
Date of Issue: December 5, 1990
Expiration Date: December 5, 1995

SPECIFIC CONDITIONS:

Engg Cert.

27. All injection well welding shall be performed by a certified welder.

Engg Cert.

28. All drilling below the Hawthorn formation will be inside a blow out preventer.

Engg Cert.

29. The injection test should be conducted at the maximum future capacity of the well without exceeding the 8 ft./sec. velocity in the casing.

Engg Oper.

30. The primary and secondary drinking water quality standards contained in Section 17-550.310, F.A.C. as well as the parameters listed below will be analyzed in the monitor zones prior to the injection of any effluent into the well. These parameters shall also be analyzed in the treated effluent prior to submitting application for an operating permit. The injection zone water will be analyzed for primary and secondary drinking water standards.

Inorganic

sulfide (field measurement)
soluble orthophosphate
ammonium
organic nitrogen

Metals

antimony

Biological

Fecal Coliform

Volatile Organics

toluene
1,2 dichlorobenzene
chloroform
1,2 dichloroethylene
chloroethane

Pesticides

aldrin
dieldrin

Base/Neutral Organics

diethylphthallate
dimethylphthallate
butylbenzylphthallate
napthalene
anthracene
phenanthrene

Acid Extractables

phenol
2,4,6-trichlorophenol
2-chlorophenol

SPECIFIC CONDITIONS:

31. The mechanical integrity temperature (and/or noise) logs shall be run after the initial injection tests with fresh water and prior to any injection of effluent. A radioactive tracer survey shall be used for this purpose in addition to the temperature or noise log.

32. Rule 17-28.270(7), F.A.C. requires that the inner casing be plugged from bottom to land surface with neat cement. Other fillers may be used in the open-hole portion of the well. The cement must be placed from a point below the bottom of the injection string to land surface in order to provide a complete seal of the injection casing that will not allow any upward migration of injected fluids after abandonment.

33. Issuance of a Class I Test/Injection well construction and testing permit does not obligate the Department to authorize operation of the injection or monitor wells, unless the wells qualify for an operation permit applied for by the permittee and approved by the Department.

34. No salt shall be added to the injection or monitor well during construction.

35. No underground injection is allowed which causes or allows movement of injected fluid into underground sources of drinking water.

36. The permittee shall notify the Department in the event that any of the conditions of the permit cannot be met, including an emergency discharge, due to breakdown of equipment, power outages or damages by hazard of fires, wind or other causes in accordance with the following:

a. Notification shall be made in person or by telephone within 24 hours of the event.
b. A written report shall be made within 24 hours of the notification above.
c. A final report shall be submitted within two weeks which describes the nature and cause of the breakdown or malfunction, the steps being taken to correct the problem and prevent its recurrence, emergency procedures in use pending correction of the problem and the time when the facility will again be operating in compliance with permit conditions.

37. The permittee shall use continuous indicating and recording devices to monitor injection flow rate, injection pressure and monitor zone pressures. In the case of operational failure of any

SPECIFIC CONDITIONS:

of these instruments for a period of more than 48 hours, the permittee shall report to the Department in writing the remedial action to be taken and the date when the failure will be corrected.

38. Mechanical integrity testing is a two part demonstration which includes a pressure test to demonstrate that no leaks are present in the casing and a temperature or noise log and radioactive tracer survey to demonstrate the absence of leaks behind the casing. Mechanical integrity must be demonstrated prior to renewing the operating permit.

39. In the event a well must be plugged or abandoned, the permittee shall obtain a permit from the Department as required by Chapter 17-28, Florida Administrative Code.

40. Copies of well completion report are to be mailed to the following:

a. Department of Environmental Regulation, South Florida District, 2269 Bay Street, Fort Myers, Florida 33901
b. South Florida Water Management District, Water Use Division, Post Office Box 24680, West Palm Beach, Florida 33416-4680.
c. Bureau of Geology, 903 N. Tennessee Street, Tallahassee, Florida 32307.

41. The well completion report DER Form 17-1.209(2) shall be submitted by the licensed well driller within fifteen (15) days after completion of construction and prior to placement in operation.

42. A professional engineer registered pursuant to Chapter 471, Florida Statutes shall be retained throughout the construction period to be responsible for the construction operation and to certify the application, specifications, completion report and other related documents. The Department shall be notified immediately of any change of engineer.

43. The cementing program, as required in Section 17-28.220(5), Florida Administrative Code, shall be submitted to the Department and the Technical Advisory Committee for review. Cementing shall not commence prior to approval being granted.

44. All temperature surveys, except the survey used to demonstrate mechanical integrity, shall be run within 48 hours after cementing.

PERMITTEE:
SSU Services/Marco Island Utilities

I.D. No.: 5211P02483
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SPECIFIC CONDITIONS:

Engrg Contr

45. The contractor shall collect one representative water sample from the pilot hole of the well at each change of formation and/or at 30 foot intervals between changes of formations.

Engrg Contr

46. Water quality samples shall be collected below a depth of 500 feet and the drilling method is changed from mud rotary to reverse air. The water quality samples shall be collected at the end of each drill rod prior to adding on an additional drill rod.

Engrg Contr

47. Three water quality samples shall be collected for each of the two monitor zones above the proposed injection zone, after the inner casing has been installed. Prior to collecting the water quality sample or developing the sampling zone, the piezometric head shall be measured.

Engrg Contr

48. The contractor shall send one set of formation samples and necessary well completion forms to the Florida Geological Survey. Additional copies of the completion form shall be provided to the Engineers, South Florida Water Management District, and the Department of Environmental Regulation.

Engrg

49. Financial responsibility shall be maintained at all times the permit is in effect.

Engrg Oper

Note: In the event of an emergency the permittee shall contact the Department by calling (904) 488-1320. During normal business hours, the permittee shall call (813) 332-6975.

Issued this 5th day of December, 1990.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

Philip R. Edwards
Deputy Assistant Secretary

PRE/HWY/mk

Appendix B

Injection Well Lithologic Log

Monitoring Well Lithologic Log

Core Analysis

Western Atlas International
A Litton/Dresser Company

CORE LABORATORIES

CORE ANALYSIS REPORT

FOR

ALSAY

Marco Island Injection Well
Well: CO 2271 (IW-1)
Florida

Western Atlas International
A Litton/Dresser Company

CORE LABORATORIES

October 22, 1991

Alsay, Inc.
6615 Gant Street
Houston, Texas 77066

Attn: Mr. Brent Collins

Subject: Core Analysis Data
Project: H-89-314
Well: CO 2271 (IW-1)
Marco Island Injection Well
Florida
File No.: 57151-16977
P.O. 28882

Dear Mr. Collins:

Cores taken from the subject well were received at the Houston, Texas Advanced Technology Center for analytical testing described on the Procedure Page.

Tabular presentation of the measured physical properties may be found on pages 1 and 2 of this report.

It is a pleasure to have this opportunity to serve you. Should you have questions regarding this data, please call (713) 460-9600.

Sincerely,

CORE LABORATORIES
Gulf Coast Advanced Technology Center

Lynn Antwine
Rock Properties Lab Supervisor

CORE LABORATORIES

Company : ALSAY
Well : Marco Island Injection Well

Field : Well: CO 2271 (IW-1)
Formation :

File No.: 57151-16977
Date : 4-Oct-1991

A N A L Y T I C A L P R O C E D U R E S A N D Q U A L I T Y A S S U R A N C E

HANDLING & CLEANING

Core Transportation : Delivered
Solvent :
Extraction Equipment :
Extraction Time :
Drying Equipment : Convection Oven
Drying Time : 48 Hours
Drying Temperature : 240 Deg. F.

ANALYSIS

Grain volume measured by Boyle's Law in a matrix cup using He
Bulk volume by Archimedes Principle
Permeabilities measured on 1.5 in. diameter drilled plugs
Dean Stark grain densities clean, dry solid mineral phase are measured

CORE LABORATORIES

Company : ALSAY
Well : Marco Island Injection Well
Location : Project: H89-314
Co,State : Florida

Field : Well: CO 2271 (IW-1)
Formation :
Coring Fluid :
Elevation :

File No.: 57151-16977
Date : 4-Oct-1991
API No. :
Analysts: Devier

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	PERMEABILITY (HORIZONTAL) Kair md	PERMEABILITY (VERTICAL) Kair md	POROSITY (HELIUM) %	GRAIN DENSITY gm/cc		DESCRIPTION
		Core No.1 2150 - 2160 ft					
1A	2159.0	79.1	20.9	24.8	2.69		Ls buff
1B	2159.4	167.	68.3	26.9	2.69		Ls buff
		Core No.2 2202 - 2212 ft					
2A	2204.1	0.14	0.22	6.7	3.69		Ls buff pyritic(?)
2B	2206.5	363.	148.	28.2	2.69		Ls buff
2C	2208.2	181.	102.	30.3	2.70		Ls buff
2D	2207.0	841.	148.	29.8	2.70		Ls buff
		Core No.3 Not Submitted for analysis					
		Core No.4 2391 - 2401 ft					
4A	2392.0	2.15	3.75	29.5	2.67		Ls buff
		Core No.5 2507 - 2517 ft					
5A	2508.5	27.2	4.52	31.2	2.68		Ls buff
5B	2509.7	34.3	10.1	29.4	2.69		Ls buff
5C	2515.7	424.	11.2	32.0	2.69		Ls buff

CORE LABORATORIES

Company : ALSAY
Well : Marco Island Injection Well

Field : Well: CO 2271 (IW-1)
Formation :

File No.: 57151-16977
Date : 4-Oct-1991

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	PERMEABILITY (HORIZONTAL) Kair md	PERMEABILITY (VERTICAL) Kair md	POROSITY (HELIUM) %	GRAIN DENSITY gm/cc		DESCRIPTION
Core No.6 2602 - 2612 ft							
6A	2605.1	30.0	11.1	29.9	2.69		Ls buff
6B	2605.8	2.27	5.13	20.5	2.74		Ls buff
6C	2606.8	<.01	1.08	2.3	2.83		Dol gry
6D	2609.2	<.01	0.33	4.0	2.82		Dol gry

MISSIMER & ASSOCIATES, INC.

WELL LOG

P ECT H89-314 DATE 5-22-91 SHEET OF

LOCATION Marco Island DRILLING CONTRACTOR Alsay

W LL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY J. Breland SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Sand (90%), quartzitic, subrounded, fine to medium grained, moderately sorted, trace shell fragments, abundant organic debris.		0-10	10
Sand (60%), quartzitic, subrounded, fine to medium grained; shell fragments (15%), multicolored; organic debris (15%), trace sandy limestone.		10-20	10
Shell and sand; sand as above (50%), shell (40%), fragmented, (bivalves), sandy limestone (10%).		20-30	10
Shell and sand as above (70%), with consolidated calcarenitic limestone (30%).		30-40	10
Limestone (70%), white to yellow gray, hard, calcarenite, common shell fragments (30%).		40-50	10
Limestone (80%), as above; decreasing shell fragments (20%).		50-60	10
estone (90%), yellow gray 5Y 7/2 to very pale orange 10 YR 8/2, moderately hard, sparry, with some micrite, minor molds, shell fragments (bivalves); sand (10%), quartz, poorly sorted, fine grained, occuring in limestone and as loose grains.		60-70	10
As above.		70-80	10
As above, trace phosphate in some limestone fragments.		80-90	10
Limestone, as above, increasing phosphate.		90-100	10
Limestone (80%), as above, sandy, sparry, yellow gray 5Y 7/2 to very pale orange 10YR 8/2 to light olive gray 5Y 6/1, moderately hard to friable, increasing phosphate. Sand (10%), as above, shell ragments.		100-110	10
As above.		110-120	10
Limestone (80-90%), yellowish gray (5Y,7/2) , light olive gray 5Y,6/1) to olive gray (5Y,4/1), moderately hard to moderately friable, sandy, sparry, some minor molds and shell fragments; sand is above (10%).		120-130	10
As above with increasing shell fragments and molds, bivalves, some coralline structures, calcified.		130-140	10
Limestone (80%), yellowish gray (5Y,7/2) to light olive gray 5Y,6/1)/olive gray (5Y,4/1); light colored limestone (60%), as ove; limestone, olive gray (20%), sandy biosparite, very hard, ncreasing shell (20%).		140-150	10
Limestone, as above.		150-160	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 5-22-91 SHEET ____ OF ____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY J. Breland SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, olive gray (5Y,4/1) and light olive gray (5Y,6/1) (60%), limestone, yellowish gray (5Y,7/2) (25%), moderately hard, sandy 0%). Sand is colorless, fine to medium grained, subrounded to unded, poorly to moderately sorted, consolidated with calcite cement. Traces of coarse rounded quartz grains, traces of shell fragments (5%).		160-170	10
mestone (50%), yellowish gray (5Y,7/2) to light olive gray (5Y,6/1); imestone, olive gray (5Y,4/1) (25%), moderately hard, sandy, sparry, sand (15%), quartzitic, subrounded to rounded, poorly sorted, medium coarse grained, moderate sphericity, spotty lithification, calcite ment, increasing amounts of quartz grains, shell fragments (10%).		170-180	10
Sand, quartzitic, transparent to translucent (70%), rounded, medium to rse grained, moderate to high sphericity, poorly sorted, minor ification with calcite cement, very hard, limestone (10%), as above, shell fragments (15% +/-).		180-210	30
and, quartzitic, transparent (90%), well rounded, fine to coarse grained, moderately high sphericity, poorly sorted, minor calcareous sandstone (5%), minor limestone, very pale orange (10YR,8/2), micritic, ard.		210-220	10
Sand, quartzitic, translucent to light gray (N7) (80%), medium to coarse ained, moderately well rounded; minor limestone (10%), light gray 7), micritic; minor shell fragments (10%).		220-230	10
No samples.	Shale shaker not recovering fine grained clay sediments.	230-260	30
Clay (70%), dark greenish gray (5GY,4/1) to greenish gray (5GY,6/1), very soft, sandy, phosphatic. Sand, (20%), quartzitic, translucent, very ne to fine grained, subrounded; phosphate grains (5 + %), very fine ained; occaisional coarse quartz grains (2-4 mm); trace limestone.	Fast drilling.	260-270	10
Clay, as above, greenish gray (5GY,6/1), slightly more carbonaceous.		270-280	10
ay (90%), dusky yellow green (5GY,5/2) to dark greenish gray Y,4/1), soft to medium stiff, phosphatic, less sandy than above; sand 7%), fine-grained, quartzitic, subrounded, poorly sorted.		280-290	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 5-26-91 SHEET ____ OF ____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY J. Breland SAMPLING METHOD Shaleshaker

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Clay (90%), dusky yellow green 5 GY 5/2 to dark greenish gray 5GY 4/1, soft, phosphatic, with minor quartzitic sand.	slow drilling	290-300	10
Clay, as above.		300-310	10
Clay (85 %), dark greenish gray 5 GY 5/2, soft, phosphatic, with minor sandstone layers (15%), traces dolomitic limestone.		310-320	10
Sandstone (80%), quartzitic, fine grauned, loosely cemented with calcite, minor calcitic limestone (15%), minor dolomite.		320-330	10
Sandstone (70%), limestone (25%), as above.		330-340	10
Limestone (80%), white to very light gray to yellowish gray, micritic, common sandstone and shell fragments.		340-350	10
Limestone, as above, but with increasing calcareous sandstone and shell fragments.		350-360	10
Limestone (60%), as above, increasing calcareous sandstone and shell fragments (40%).		360-370	10
Limestone (90%), white to very light gray, biosparite, moderate to very hard.		370-380	10
Limestone, as above.		380-400	20
Limestone (95%), white to yellowish gray to light olive gray, micritic, moderately hard, fossiliferous, minor sparite.		400-420	20
Limestone (95%), white to light olive gray, biosparitic, fossiliferous, minor shell fragments, traces of fine phosphate grains.		420-440	20
Limestone (95%), yellowish gray to light to light olive gray, 60% micritic, 30% biosparitic, moderately hard, traces spar, phosphate; fossiliferous.		440-450	10
Limestone (95%), yellowish gray to light olive gray, 70% biosparite, 30% micrite, 5% spar, minor fossils, abundant phosphatic sand.		450-460	10
Limestone (95%), pale yellowish brown to dark brown, hard to very hard, micritic - 60%, calcarenitic - 35%, finely phosphatic.	Zone of lost circulation	460-470	10
Limestone (100%), pale yellow brown, white to very light gray, micritic (50%), to calcarenitic (50%), with interbedded fine-grained phosphate.	Slow drilling	470-480	10
Dolomite (90%), yellowish gray to light olive gray, very hard, minor light gray, hard, micritic limestone, traces shell fragments, traces phosphate grains.		480-500	20

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 5-30-91 SHEET ____ OF ____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY J. Breland / R. Sosnowski / D. Matson / S. Bernardin SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone (60%), yellowish gray to light olive gray, moderately hard, with very hard interbedded dolomite layers (40%).		500-520	20
Limestone (80%), light olive gray to very light olive gray to yellowish gray, moderately hard, minor amounts of hard dolomite, shell and phosphate traces.		520-540	20
Limestone (95%), light olive gray to yellowish gray, phosphatic, minor shell fragments, some partially lithified lime mud.		540-550	10
Lime mud (95%), light gray to very light gray, soft, minor amounts of partially lithified lime mud, phosphatic.		550-560	10
Lime mud as above, with abundant phosphate grains and increasing shell fragments.		560-570	10
Clay (65%), light greenish gray, soft, phosphatic (15%), minor quartzitic sand (5-7%), minor lithified lime mud.		570-590	20
Limestone (60%) and interbedded layers of clay (30%), clay light greenish gray, soft, with quartz sand. Limestone yellowish gray, moderately hard biomicrite, minor sparite.		590-620	30
Limestone (90%), very light gray to yellowish gray, micritic, moderately hard, phosphatic, trace fossils. Lime mud (10%), yellowish gray, soft, with quartz sand.		620-630	10
Limestone (95%), biosparite, very light gray to yellowish gray, moderately hard, phosphatic. Minor micrite, minor lime mud.		630-640	10
Marl: Clay (90%), yellowish gray (5Y 7/2), very soft; Limestone (10%), white, finely phosphatic, moderately hard.	Drilling, 13-23 min/ft	640-650	10
Marl: Clay as above, softer, lower percentage of limestone.		650-660	10
Marl: Clay (80%), yelowish gray (5Y 7/2), increasing stiffness, moderately cohesive. Limestone (20%), white, moderately hard.		660-670	10
Marl: Clay (90%), light olive gray (5Y 6/1) to greenish gray (5GY 6/1), stiffer and drier than above; limestone, white (5%) to greenish gray (5GY 6/1), moderately hard, phosphatic, some medium to fine grains of phosphate.		670-680	10
Marl: Clay (75%), light olive gray (5Y 6/1), softer than above; limestone (20%), light yellow gray (5Y 8/1) to white, moderately hard, some sparry; phosphate grains, medium, quartz sand grains, medium sized.		680-690	10
As above, but less limestone (15%).		690-700	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 08/21/91 SHEET 1 OF 1

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY R. Sosnowski SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone 65%, very light gray (N8) to medium gray (N5). Medium hard, good intraparticle porosity, fossiliferous. Calcarenite 30%, yellowish gray (5Y 7/2) to moderate yellowish brown (10YR 5/4), hard. Minor dolomite. Trace shell fragments. Trace phosphatic grains.		710-730	20
Limestone 60%, light olive gray to yellowish gray. Hard, fossiliferous. Dolomite 40%, dark yellowish brown, olive gray, very hard.	Drill bits keep plugging up.	730-740	10
Dolomite 60%, yellowish grey, very hard, interstice texture. Calcite 30%, olive grey to olive black, tightly consolidated (calcareous cement). Limestone 10%, white, medium soft, crumbly texture.	Bit plugged once during this interval	740-750	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE _____ SHEET _____ OF _____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY R. Sosnowski, J. Breland, D. Matson, S. Bernardini SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone 75%, white to very light gray, medium hard. Trace of phosphatic grains. Calcarenite 25%, yellowish gray to light olive brown, hard.		750-760	10
Limestone 85%, same as above. Calcarenite 10%, same as above. Minor lime mud, white, soft. Trace shell fragments.		760-770	10
Limestone 95%, white to very light gray, medium hard, granular texture, traces calcitic limestone, fossiliferous (molds and casts)		770-780	10
Limestone 85%, white, very light gray, hard, molds and casts, traces of calcite, minor very hard,yellowish gray dolomite 15%.		780-790	10
Dolomite 60%, yellowish gray to light olive brown, very hard. Limestone 40%, very light gray to light gray, hard, trace molds. Both have trace phosphatic grains.	Hard drilling	790-800	10
Limestone 50%, very light gray to light gray. Medium hard, trace phosphatic grains. Dolomite 50%, Light olive brown to olive gray, hard, phosphatic.	Hard drilling	800-810	10
Dolomite, 40%, olive gray (5Y,4/1), microcrystalline, hard, sucrosic texture; Limestone, 40%, pinkish gray (5YR,8/1) to white (N9), biomicritic, somewhat moldic, moderately hard; Limestone, 20%, medium light gray (N6), micritic, moldic, hard.	Hard drilling	810-820	10
Limestone, 75%, white (N9), to pinkish gray (5YR, 8/1), moldic, sparry, moderately hard; dolomitic limestone, 25%, pale yellowish brown (10YR,6/2) and dark yellowish brown (10YR, 4/2), microcrystalline, very hard.	Hard drilling	820-830	10
Limestone, 95%, very pale orange (10YR, 8/2), biomicritic, finely moldic, moderately hard; sandy limestone, 5%, very light gray (N8) to light olive gray (5Y, 6/1), moldic, well cemented, hard.	Easy drilling	830-840	10
Limestone, 90%, as above; sandy limestone 10%, as above.	" "	840-850	10
Limestone, 100%, very pale orange (10 YR 8/2). 70% pelmicrite to biopelmicrite, some fossils and molds, very soft; 30% micrite, moderately soft.	Easy drilling	850-870	20
Limestone, as above, 80%, Clay, 20%, very pale orange (10 YR 8/2) to white, calcareous, stiff.	Easy drilling	870-900	30
Limestone, 50%, very pale orange (10 YR 8/2), biopelmicrite, soft to mmoderately hard. Limestone, 50%, yellowish gray (5Y 7/2), biomicrite, moldic, moderately hard to hard.	" "	900-915	15
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MISSIMER & ASSOCIATES, INC.

WELL LOG

IOJECT H89-314 DATE 08-28-91 SHEET ____ OF ____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY D. Matson, S. Bernardini, J. Breland

SAMPLING METHOD Shale Shaker

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
No Sample	Lead bit made it to 935' when drilling 39" hole	915-930	15
Limestone, 100% ery pale orange (10Y 8/2), biomicritic, friable, crumbly, sandy texture, common fossils.	Fast drilling	930-960	30
Limestone 80%, yellowish grey, (5Y 8/1) olive grey (5Y 4/1), hard, common fossils, minor lithified calcarenitic limestone 20 %.	Fast drilling	960-980	20
Calcarenite 100%, yellowish grey (5Y 8/1), medium soft, crumbly, friable, sandy texture,	Fast drilling	980-1000	20
Limestone 50%, light olive grey (5Y 6/1), medium hard, fossiliferous, calcarenitic (40%), as above.	Fast drilling	1000 -1030	30
Limestone 75%, light olive grey (5Y 6/1), olive grey (5Y 4/1), yellowish grey (5Y 8/1), calcarenitic,(25%), as above.	Fast drilling	1030 - 1040	10
Limestone 80%, yellowish grey (5Y 8/12), olive grey (5Y 4/1), hard, fossiliferous, decreasing calcarenite (20%).	Fast drilling	1040 -1080	20
Marl 100%, very light grey (N8), soft, clayey, gummy texture,	Fast drilling	1080 -1090	10
Marl 70%, white (N9), very light grey (N8), soft, calcareous, calcarenitic limestone (30%), very light grey (N8) medium hard.	Fast drilling	1090 -1100	10
Calcarenite, 100%, very light gray (N8), lithified, medium soft, common fossils.		1100-1110	10
Limestone, 100%, light olive gray (5Y 6/1), hard, abundant fossils.		1110-1120	10
Limestone, 60%,as above, very light gray (N8), calcarenitic 40%.,yellowish grey (5Y 8/1).		1120-1130	10
Limestone, 80%, calcarenitic, yellowish gray (5Y 8/1), moderately hard. Limestone, 20%, light olive gray to white (N8-N9), hard.		1130-1140	10
Marl, 60%, white (N9), soft, calcareous; limestone, 40%, calcarenitic, moderately soft to friable.		1140-1160	20
Limestone, 100%, light olive gray (5Y 6/1), hard, abundant shells, moldic.		1160-1170	10
Limestone, 100%, calcarenitic, light olive gray (5Y 6/1), moderately soft to friable, sandy texture.		1170-1180	10
Limestone, 100%, pale yellowish brown (10Y 6/2), hard, very fossiliferous, moldic.		1180-1190	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE _____ SHEET _____ OF _____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY _____ SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Marl, 60%, white to very light gray, soft to moderately soft; calcarenitic limestone, 40%.		1190-1200	10
Limestone, 60%, pale yellowish brown, very fossiliferous; calcarenitic limestone, moderately soft to friable, sandy texture.		1200-1220	20
Limestone, 100%, white (N9) to pinkish gray (5YR 8/1), biomicritic, fossiliferous, microcrystalline to cryptocrystalline, good apparent moldic porosity, hard.		1220-1230	10
Limestone, 90%, very pale orange (10 YR 8/2), very soft and friable, micritic, microcrystalline; Limestone, 10%, as above.		1230-1250	20
Limestone, 98%, very pale orange (10 YR 8/2) to pale yellowish brown (10 YR 6/2), very soft to friable, abundant foraminifera and anemone spine fossils; Limestone, 2%, white (N9) to pinkish gray (5 YR 8/1), biomicritic, moldic, microcrystaline, moderately hard.		1250-1260	10
Limestone, 100%, very pale orange (10 YR 8/2), friable, somewhat harder than above, fossiliferous, minor molds.		1260-1270	10
Limestone, 75%, vert pale orange (10 YR 8/2), biomicritic, cryptocrystalline, moldic, very sparry, hard; Limestone, 25%, as above.		1270-1280	10
Limestone, 100%, very pale orange (10 YR 8/2), friable, soft, microcrystaline, minor shell.		1280-1290	10
Limestone, 100%, as above, minor molds and casts, trace fossiliferous limestone.		1290-1300	10
Limestone, 10%, yellowish gray (5Y 8/1), moderately hard, cryptocrystalline, moldic, sparry.		1300-1310	10
Limestone, 100%, as above, with minor gray limestone inclusions.		1310-1320	10
Limestone, 100%, yellowish gray (5Y 8/1), friable, moderately soft, microcrystaline, minor moldic porosity.		1320-1330	10
Limestone, 100%, yellowish gray (5Y 8/1) to pinkish gray (5 YR 8/1), biomicritic, moldic, fossiliferous, microcrystalline, moderately hard.		1330-1340	10
Limestone, 100%, yellowish gray (5Y 8/1), biomicritic, moldic, moderately hard, microcrystalline.		1340-1350	10
Limestone, 100%, yellowish gray (5Y 8/1), micritic, dense, hard, minor molds, micro- to cryptocrystalline.		1350-1360	10
Limestone, 100%, yellowish gray (5Y 8/1), micritic, friable, moderately soft, fossiliferous.		1360-1370	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE _____ SHEET _____ OF _____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY D. Matson, S. Bernardini SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 100%, as above, fossiliferous, friable, sparry, minor shells.	Easy drilling (2-5 min/ft)	1370-1390	20
Limestone, 98%, yellowish gray (5Y 8/1), biomicritic, fossiliferous, friable; Limestone, 2%, light gray (N7), micritic, cryptocrystalline, fossiliferous, hard, trace phosphate.	Easy drilling (2-5 min/ft)	1390-1400	10
Limestone, 98%, pinkish gray (5 YR 8/1), soft, friable, micritic, cryptocrystalline, finely phosphatic; Limestone. 2%, light gray (N 7), as above.	Easy drilling (2-5 min/ft)	1400-1410	10
Marl: limestone, 50%, white (N9) to pinkish gray (5 YR 8/1), micritic, soft to friable; Lime mud/Clay, 50%, white (N9), very soft, somewhat fluid, low apparent porosity.	" "	1410-1420	10
imestone, 100%, yellowish gray (5Y 8/1), to pinkish gray (5YR 8/1), very soft to friable, micro- to cryptocrystalline.	" "	1420-1430	10
Limestone, 100%, yellowish gray (5Y 8/1) to pinkish gray (5YR 8/1), soft (slightly harder than above), very friable, minor molds.	" "	1430-1440	10
Limestone, 100%, as above, slightly harder than above, still friable.	" "	1440-1450	10
Limestone, 100%, yellowish gray (5Y 8/1) to light olive gray (5Y 6/1), micritic, cryptocrystalline, trace fossils, moderate hardness, platy fracture.	" "	1450-1480	30
Marl and Limestone, 50%, yellowish gray (5Y 8/1), soft, cryptocrystalline, very finely phosphatic; Carbonate clay/ Lime mud, 50%, yellowish gray (5Y 8/1), very soft, fluid.	Easy drilling (2-5 min/ft)	1480-1490	10
Limestone, 100%, yellowish gray (5Y 8/1) to light olive gray (5Y 6/1), micritic, very finely phosphatic, micro- to cryptocrystalline, platy fracture.	" "	1490-1500	10
Dolomite, calcareous, 90%, dark yellowish brown, (10 YR 4/2), cryptocrystalline, conchoidal to platy fracture, moderately hard, somewhat phosphatic. Limestone, 10 %, yellowish gray (5Y 8/1), micritic, microcrystalline.	" "	1500-1510	10
Dolomite, 70%, calcareous, as above; limestone, 30%, iomicrite, moderately hard, yellowish gray (5Y7/2).		1510-1520	10
Limestone, 100%, pelmicrite, yellowish gray (5Y 8/1), to yellowish gray (5Y 7/2) hard, some fossils, molds.		1520-1530	10
Limestone, as above.		1530-1550	20

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 9-13-91 SHEET ____ OF ____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY D. Matson, S. Bernardini SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 100%, biomicrite to biopelmicrite, yellowish gray (5Y 7/2), moldic, hard to very hard.	Easy drilling	1550-1560	10
Limestone, as above, 100%, biomicrite to biosparite, yellowish gray (5Y 7/2) moderately hard to soft.	"	1560-1590	30
Limestone, 100%, biopelmicrite to biopelsparite, yellowish gray (5Y 7/2) to light olive gray (5Y 6/1), soft to crumbly, rounded fragments, low apparent porosity.	"	1590-1610	20
Limestone, 100%, biomicrite to biopelmicrite, yellowish gray (5Y 7/2), some spar, moderately hard.	"	1610-1620	10
Limestone, 100%, pelmicrite to biopelmicrite, yellowish gray (5Y 7/2), soft to crumbly, some molds, rounded fragments.	"	1620-1650	30
Limestone, 100%, pelmicrite, yellowish gray (5Y 7/2), soft to crumbly, rounded fragments, microcrystalline, low apparent permeability.	"	1650-1680	30
Limestone, 100%, pelmicrite, yellowish gray (5Y 7/2), soft to crumbly, rounded fragments, low apparent permeability.	"	1680-1700	20
Limestone, 50%, pelmicrite, yellowish gray (5Y 7/2), soft to crumbly, rounded fragments, low permeability; lime mud, 50%, calcareous, yellowish gray (5Y 7/2), very soft.	"	1700-1710	10
Limestone, 100%, pelmicrite to pelsparite, yellowish gray (5Y 7/2), moderately hard to crumbly, fragments very small and rounded to angular.	"	1710-1740	30
Limestone, 100%, pelmicrite, yellowish gray (5Y 7/2), soft to crumbly, round to subangular fragments.	"	1740-1770	30
Limestone, 100%, pelmicrite, yellowish gray (5Y 7/2), soft to crumbly, round fragments, low apparent permeability.	"	1770-1780	10
Limestone, as above, with some hard, moldic fragments.	"	1780-1790	10
Limestone, 100%, pelmicrite to biopelmicrite, minor spar, yellowish gray (5Y 7/2), moderately hard, fossils and molds.	"	1790-1800	10
Limestone, 100%, pelmicrite, yellowish gray (5Y 7/2), soft to crumbly, fragments rounded with low apparent permeability.	"	1800-1820	20
Limestone, as above, 40%; limestone, 40%, micritic, hard, angular fragments. Lime mud 20%, yellowish gray (5Y 7/2), very soft.	"	1820-1850	30

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 9-13-91 SHEET ____ OF ____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY D. Matson, S. Bernardini SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Marly limestone: limestone, 50%, yellowish gray (5Y 7/2), arenitic texture, moderately hard; clay, 50%, yellowish gray (5Y 7/2), soft, somewhat cohesive.	Easy drilling 2-3 min./ft.	1850-1860	10
Marly limestone, as above, limestone 90%, clay 10%.	"	1860-1870	10
Limestone, 97%, yellowish gray (5Y 8/1), micritic, friable, common molds; limestone, 3%, medium light gray (N6), biomicritic, minor moldic porosity, hard.	"	1870-1880	10
Limestone, 100%, pinkish gray (5YR 8/1), moderately soft, friable, fossiliferous, microscopic vugs, microcrystalline.	"	1880-1890	10
Limestone, 100%, very pale orange (10YR 8/2), arenitic texture, moderately soft and friable.	"	1890-1910	20
Limestone, 90%, overall pale yellowish brown (10YR 6/2) in color due to inclusions of pale brown (5YR 5/2) grains in very pale orange (10YR 8/2) limestone, moderately soft and friable, arenitic texture; limestone, 10% as above.	"	1910-1920	10
Finely banded limestone, 50%, very pale orange (10YR 8/2) and moderate brown (5YR 4/4), moderately soft, breaks easily along banded planes; limestone, very pale orange, 50% as above.	"	1920-1930	10
Limestone, 100%, very pale orange (10YR 8/2), moderately soft, friable, arenitic taxture, microcrystalline.	"	1930-1950	20
Limestone, 100%, very pale orange (10YR 8/2), micritic, minor molds, medium hardness, microcrystalline.	"	1950-1960	10
Limestone, 100%, very pale orange (10YR 8/2), micritic, micro to cryptocrystalline, moderately soft, friable.	"	1960-1970	10
Limestone, 100%, yellowish gray (5Y 6/1), microcrystalline, arenitic taxture, trace microscopic gray inclusions, trace shell inclusions, moderately soft, friable.	"	1970-2000	30
Limestone, 100%, biopelmicrite to sparite, yellowish gray (5Y 7/2), micrite, moderately hard, angular fragments.	"	2000-2010	10
Limestone, 100%, micrite to pelmicrite, yellowish gray (5Y 7/2), to yellowish gray (5Y 8/1), pelmicrite soft, friable, rounded fragments, micrite, cryptocrystalline, hard, angular fragments.	"	2010-2020	10
Limestone, 100%, pelmicrite, yellowish gray (5Y 7/2), soft to friable, rounded fragments.	"	2020-2030	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 9-13-91 SHEET ____ OF ____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY D. Matson, S. Bernardini SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 100%, as in 2010-2020.	Easy drilling	2030-2040	10
Limestone, 100%, yellowish gray (5Y 7/2) to light olive gray (5Y 5/2), micrite, cryptocrystalline, moderately hard.	"	2040-2050	10
As above, with lime mud, very soft.	"	2050-2060	10
Limestone, 100%, yellowish gray (5Y 7/2)to light olive gray (5Y 5/2), micrite, cryptocrystalline to pelsparite, moderately hard to hard.	"	2060-2080	20
Limestone, 60%, light olive gray (5Y 6/1), micritic, cryptocrystalline, dense, soft, some fragments of sparite, lime mud, 20%, light olive gray (5Y 6/1), very soft; lime mud, 20%, olive gray (5Y 4/1), stiff, dry.	"	2080-2090	10
As above without olive gray clay.	"	2090-2100	10
Limestone, 80%, pale yellowish brown (10YR 6/2), micritic, moderately soft, cryptocrystalline; dolomite, 20%, pale yellowish brown (10YR 6/2), cryptocrystalline, dense, very hard, low apparent porosity.	"	2100-2110	10
Limestone, 90%, pale yellowish brown, as above; limestone, 10%, banded, dusky brown (5YR 2/2) and medium gray (N5), moderately hard, micritic.	"	2110-2120	10
Limestone, yellowish gray (5Y 8/1), dense, trace medium light gray (N6) limestone inclusions, very finely phosphatic, chalky, low apparent porosity.	"	2120-2140	20
Limestone, 100%, very pale orange (10YR 8/2) to yellowish gray (5Y 8/1), dense, chalky, trace medium light gray (N6) inclusions, moderately hard and hard, interbedded layers, low apparent porosity.	"	2140-2150	10
Limestone, 100%, yellowish gray (5Y 7/2), pelsparite, moderately soft to friable, fragments rounded, low apparent porosity.	"	2150-2160	10
Limestone, 100%, as above, with some phosphate and some moderately hard angular fragments.	"	2160-2170	10
Limestone, 100%, pelsparite, yellowish gray (5Y 7/2) to light olive gray (5Y 5/2), moderately hard, angular fragments.	Harder drilling	2170-2180	10
Limestone, 60%, pelsparite, yellowish gray (5Y 7/2) to mottled light olive gray (5Y 5/2), hard, with phosphate. Limestone, 10%, micrite, yellowish gray (5Y 7/2), cryptocrystalline, with phosphate. Dolomite, 30%, dark yellowish brown (10 YR 4/2), sucrosic texture, small vuggy porosity.	Harder drilling	2180-2190	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 9/13 LOCATION Marco Island

DRILLING CONTRACTOR Alsay WELL NUMBER IW 1 DRILLING METHOD Reverse Air

SAMPLE DESCRIPTION BY S. Bernardini, D. Matson , Jack Breland SAMPLING METHOD Shale Shaker

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 100%, pelsparite, yellowish gray (5Y 7/2), microcrystalline, hard, round fragments.	Hard drilling	2190-2200	10
Dolomite, 100%, calcareous, yellowish gray (5Y 7/2) to grayish orange (10YR 7/4), soft to moderately hard, microcrystalline, low apparent porosity.		2200-2210	10
Limestone, 50%, biosparite, yellowish gray (5Y 7/2), soft; dolomite, 50 %, calcareous, microcrystalline, low apparent porosity.		2210-2220	10
Limestone, 80%, biosparite, as above, 20% calcareous dolomite as above.		2220-2230	10
Limestone, 90%, yellowish gray (5Y 7/2), calcarenitic texture, moderately hard, friable; dolomite, 10%, medium gray (N5), with minor light gray (N7) and dark gray (N3) inclusions, cryptocrystalline, hard.	Easy drilling 4 min./ft.	2230-2240	10
Limestone, 100%, yellowish gray (5Y 7/2), biomicritic, moderately hard, friable.	"	2240-2250	10
Limestone, 95%, yellowish gray (5Y 7/2), biomicritic, minor molds, calcite spar infilling, minor interparticular porosity; dolomite, 5%, medium gray (N5) with inclusions as in 2230-2240'.	"	2250-2260	10
Limestone, 100%, very pale orange (10YR 8/2), calcarenitic texture, minor interparticulate porosity, moderately hard.	"	2260-2270	10
Limestone, 98%, as above; limestone, 2%, light gray (N7), micritic, hard, common inclusions, very pale orange (10YR 8/2).	10 min./ft.	2270-2290	20
Limestone, 100%, yellowish grey (5Y 7/2), chalky/earthy texture.	5 min/ft.	2290-2310	20
Limestone, 60%, grayish brown (5Y 3/2), sparitic, very hard, crystalline texture, limestone 40%, yellowish grey (5Y 7/2) medium hard, chalky texture.	3-5 min/ft.	2310-2320	10
Limestone, 100%, yellowish grey (5Y 7/2), medium hard,hard, chalky/earthy texture.	"	2320-2330	10
Limestone,90%, yellowish grey (5Y 7/2), hard, very hard, sucrosic texture, Sparitic limestone, brownish black (5YR 2/1) very hard, calcitic, minor vuggy porosity.	15 min/ft.	2330-2350	20

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 9/17/91 SHEET ____ OF ____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY Jack Breland, Kevin Moore, Damon Matson SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 70%, dark grey (N3) very hard, sparitic, crystalline texture, vuggy porosity, white, calcareous mud infilling.	30-45 min/ft.	2350-2385	35
Limestone, 100%, very pale orange (10YR 8/2) calcarenitic, moderately hard, cryptocrystalline texture		2380-2390	10
Limestone, 40%, yellowish gray (5Y 6/1), medium hard, micritic, sparitic, crystalline texture, carbonate mud, 20%, white (N9) to very light grey (N8), minor dolomitic lenses, sparitic layers.		2390-2410	20
Limestone, 80%, yellowish grey (5Y 6/1), medium hard, micritic, sucrosic texture, sparictic limestone, 20%, as above.		2410-2420	10
Limestone, 60%, yellowish grey (5Y 6/1), medium hard, micritic, surcrosic texture, dolomitic limestone, 40%, moderate brown (5Y 4/4), nuggy porosity, carbonate mud infillings.		2420-2430	10
Dolomite, 70%, pale yellowish brown (10YR 6/2), very hard, cherty, mico crystalline texture, limestone, , yellowish gray to moderate brown as above.		2430-2440	10
Limestone, 70%, dark yellowish brown (10YR 4/2) very hard, crystalline growth in voids of cryptocrystalline rock, limestone, 20%, very pale orange (10YR 8/2), soft, friable, earthy, few fossil fragments, apparent good porosity, calcite, 10%, moderate yellowish brown (10YR 5/4), crystals free, hard.		2440-2450	10
Limestone, 100%, yellowish gray (5Y 8/1), moderate hard, sucrosic, micritic, fossil traces of foraminifera, apparent good porosity.		2450-2460	10
Limestone, 70%, yellowish gray (5Y 8/1), soft, earthy, apparent good porosity, limestone, 20%, grayish black (N2), hard, microcrystalline texture, apparent moderately poor, limestone, 10%, dark yellowish brown (10YR 4/2), hard, sparitic, crystalline texture.		2460-2480	20
Limestone, 80%, light grey (N7) moderately hard, earthy, apparent good porosity, limestone, 10%, very light grey (N8), moderate hard, earthy, limestone, 10%, dark yellowish brown (10YR 4/2), hard, cryptocrystalline texture.		2480-2490	10
Limestone, 90%, very pale orange (10YR 8/2), earthy, friable, apparent good porosity, limestone, 10%, dark yellowish brown (10YR 4/2), hard, cryptocrystalline, minor layers of calcitic dolomite.		2490-2510	20

MISSIMER & ASSOCIATES, INC.

WELL LOG

OJECT H89-314 DATE _____ SHEET_____ OF_____

.OCATION Marco Island DRILLING CONTRACTOR Alsay

__WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

___SAMPLE DESCRIPTION BY Jack Breland, Kevin Moore SAMPLING

METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 90%, very pale orange (10YR 8/2), moderate hard to friable, some pieces break easier than others, earthy to sucrosic, some traces of fossils, apparent good porosity, limestone, 10%, dark yellowish brown (10YR 4/2), hard, crystalline to cryptocrystalline texture, moderately good porosity.		2510-2560	50
Limestone, 90%, yellowish grey (5Y 6/1) to very pale orange (10YR 8/2), moderate hard to friable, earthy to sucrosic, traces of fossils, minor layers of calcite, apparent good to medium porosity, dolomite, 10%, dark yellowish brown (10YR 4/2), very hard, microcrystalline, calcite streamers.		2560-2580	20
Limestone as above except decreasing calcite and dolomite layers.		2580-2598	18
Dolomite, 80%, dark yellowish brown (10YR 4/2), very hard, micocrystaline, cherty, 10% minor medium grey carbonate mud medium soft to soft, calcarious.		2599-2601	2
Limestone, 100%, yellowish gray (5Y 8/1) to light bluish gray (5B 7/1), medium dark gray (N4), microcrystalline to crystalline texture, micritic, dark yellowish brown (10YR 4/2), very hard, sparite, well formed calcite crystals.		2610-2620	10
Limestone, 95%, as above except traces of dark yellowish brown (10YR 4/2) very hard dolomitic limestone, 5%		2620-2650	30
Limestone, 40%, medium light gray (N6) very hard, microcrystalline, few phosphate grains, apparent good porosity. Limestone, 30%, olive gray (5Y 4/1), hard to very hard, microcrystalline to sucrosic, apparent medium porosity. Dolomite, 30%, light olive gray (5Y 6/1), very hard, microcrystalline, color bands of olive gray (5Y 4/1) dolomite as well, apparent medium porosity.		2650-2680	30
Limestone, 80%, light olive gray (5Y 6/1), earthy to microcrystalline, hard, apparent good porosity. Limestone, 20%, yellowish gray (5Y 8/1), moderately hard, earthy, apparent good porosity.		2680-2710	30
imestone, 55%, very pale orange (10YR 8/2), sparry, moldic, microcrystalline, hard; sparite, 35%, dark yellowish brown (10YR,4/2), common intracrystalline porosity, well crystallized, hard; dolomitic limestone, 10%, dusky yellowish brown (10Yr 2/2), sparry, cryptocrystalline, low apparent porosity, hard.		2710-2720	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 09-24-91 SHEET _____ OF _____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER IW 1 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY D. Matson, S. Bernardini

SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Sparry dolomite, 95%, dusky yellowish brown (10YR 2/2), cryptocrystalline, very hard, low apparent porosity; limestone, 5%, very pale orange (10YR 8/2), biomicritic, sparry, moldic, moderately hard.		2720-2730	10
Limestone, 85%, very pale orange (10YR 8/2) as above, minor calcite spar infilling, minor moldic porosity, sofy; sparite, 15%, dusky yellowish brown (10YR 2/2) as above.		2730-2740	10
Sparry dolomite, 80%, dark yellowish brown (10YR 4/2), microcrystalline, hard, minor interparticular porosity; limestone, 15%, very pale orange (10YR 8/2) as above; sparite, 5%, medium gray (N5), well defined crystallization, good apparent interparticular porosity.	slow drilling	2740-2750	10
Limestone, 70%, yellowish gray (5Y 7/2), pelmicrite, moderately hard; dolomite, 20%, very hard, dusky brown (5YR 2/2), microcrystalline, sucrosic texture, rounded fragments; waxey clay, 10%, dusky brown (5YR 2/2), soft shaly bedding.		2750-2760	10
Limestone, as above, 30%; limestone, 30%, dolomitic, pale yellowish brown (10YR 6/2) to yellowish gray (5Y 7/2), to olive gray (5Y 4/1), cryptocrystalline, semi-conchoidal fracture; dolomite, 20% as above; waxey clay, 20%, as above.		2760-2770	10
As above with 35% waxey clay.		2770-2780	10
Limestone, 50%, biopelmicrite, yellowish gray (5Y 7/2) with some spar, moderately hard; dolomite, 30%, olive gray (5Y 3/2) to dark yellowish brown (10YR 4/2), sucrosic texture, hard, minor vugs; waxey clay, as above, 20%.		2780-2790	10
Limestone, 80%, yellowish gray (5Y 7/2) to light olive gray (5Y 6/1), biopelmicrite to biopelsparite, moderately hard; waxey clay, 20%, as above, occuring as interbedded layers.		2790-2820	30
Dolomite, 70%, dark yellowish brown (10YR 4/2), sucrosic texture to cryptocrystalline, cryptocrystalline fragments occure with angular, semi-conchoidal fracture; limestone, 15%, yellowish gray (5Y 7/2), pelmicrite, soft; waxey clay, 15%, dusky brown (5YR 2/2), soft, friable, shaly fracture, waxey texture.		2820-2830	10
Dolomite, 80%, dark yellowish brown (10YR 4/2), microcrystalline, sucrosic texture, moerately hard; limestone, 15%, yellowish gray (5Y 7/2), micritic, moderately soft; dolomite, 5%, olive gray (5Y 4/1), cryptocrystalline, hard.		2830-2840	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 09-25-91 LOCATION Marco Island

DRILLING CONTRACTOR Alsay WELL NUMBER IW 1 DRILLING METHOD Reverse Air

SAMPLE DESCRIPTION BY D. Matson, S. Bernardini SAMPLING METHOD Shale Shaker

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 60%, white (N9), to yellowish gray (5Y 7/2), micritic, moderately hard; dolomite, 40%, medium gray (N5), mottled appearance, conchoidal fracture, hard.		2840-2850	10
Dolomite, 30%, medium gray (N5) as above; dolomite, 30%, dark yellowish brown (10YR 4/2) as above; limestone, 30%, white (N9), as above; waxy clay, 10%, as above, shaly fracture, dark yellowish brown streak (10YR 4/2), soft.		2850-2860	10
Dolomite, 90%, dark yellowish brown (10YR 4/2), cryptocrystalline, semi-conchoidal fracture, hard; limestone, 5% as above; waxy clay, 5%, as above.		2860-2870	10
Dolomite, 90%, microcrystalline to sucrosic texture, varied colors: moderate yellowish brown (10YR 5/4), dark yellowish brown (10YR 4/2) to pale yellowish brown (10YR 6/2). Some fragments rounded some with small vuggy porosity, moderately hard to hard.		2870-2880	10
Dolomite, as above, 90%, with more platy, angular, microcrystalline fragments, less rounded, vuggy fragments; limestone, 10% pelmicrite, very pale orange (10YR 8/2), hard.		2880-2900	20
Dolomite, 100%, mostly sucrosic, moderate yellowish brown (10YR 5/4), small vuggy porosity, moderately hard. Some fragments (30%) mottled in color - olive gray (6Y 4/1), very hard, microcrystalline.		2900-2910	10
Dolomite, 95%, as above, with 70% microcrystalline, hard, angular fragments, 25% sucrosic, vuggy dolomite. Limestone, 5%, as above.		2910-2930	20
Dolomite, 90%, moderate yellowish brown (10 YR 5/4) to dark yellowish brown (10 YR 4/2), hard to very hard, microcrystalline to sucrosic in texture. Limestone, 10%, yellowish gray (5Y 7/2), pelmicritic, soft.		2930-2950	20
Dolomite, 90%, varied and mottled in coloring: light olive gray (5Y 6/1) to dusky yellowish brown (10YR 2/2) to pale yellowish brown (10 YR 6/2), very hard, microcrystalline. Limestone, 10%, pelmicritic, as above.		2950-2970	20
Dolomite, 100%, moderate yellowish brown (10YR 5/4) to dark yellowish brown (10YR 4/2) to dusky yellowish brown (10YR 2/2), very hard, sucrosic texture, minor vuggy porosity.		2970-3000	30
Limestone, 70%, moderate yellowish brown (10YR 5/4), occuring as cemented calcite crystals, moderately hard.		3000-3010	10
Limestone, 80%, white (N9), biomicritic, soft; Limestone, 20%, medium light gray (N6), pelletoidal.		3010-3020	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 9/28/91 LOCATION Marco Island

DRILLING CONTRACTOR Alsay WELL NUMBER IW 1 DRILLING METHOD Reverse Air

SAMPLE DESCRIPTION BY D. Matson, S. Bernardini SAMPLING METHOD Shale Shaker

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 50%, white (N9) to light gray (N7), micritic, soft. Dolomite, 50%, dark yellowish brown (10YR 4/2), crystalline, sucrosic texture, hard.		3020-3030	10
Dolomite, 100%, dark yellowish brown (10YR 4/2) to dusky yellowish brown (10YR 2/2), crystalline, sucrosic texture, vuggy porosity.		3030-3060	30
Dolomite, 100%, pale yellowish brown (10YR 6/2) to dark yellowish brown (10YR 4/2), cryptocrystalline, dense, hard, low apparent porosity; dolomite, 20%, pale yellowish brown (10YR 4/2), microcrystalline, sucrosic texture, vuggy porosity.		3060-3070	10
Dolomite, 50%, half dense, cryptocrystalline as above, half vuggy as above. Limestone, 25%, medium light gray (N6), micritic, moderately hard. Limestone, 25%, very light gray (N8) to yellowish gray (5Y 8/1), biomicritic, minor moldic porosity.		3070-3080	10
Dolomite, 70%, dark yellowish brown (10YR 4/2) to dusky yellowish brown (10YR 2/2), hard, microcrystalline, angular pieces, minor vugs. Limestone, 30%, dark yellowish brown (10YR 4/2), occuring as cemented calcite crystals, hard.		3080-3090	10
Dolomite, 100%, dark yellowish brown (10YR 4/2) to pale yellowish brown (10YR 4/2), hard, microcrystalline to sucrosic, pinhole vugs.		3090-3100	10
Dolomite, 90%, dark yellowish brown (10TR 4/2) to pale brown (5YR 5/2) to dusky yellowish brown (10YR 2/2), hard, microcrystalline to sucrosic. Limestone, 10%, very pale orange (10YR 8/2), occuring as cemented calcite crystals.		3100-3120	10
Dolomite, 80%, pale yellowish brown (10YR 6/2) to dark yellowish brown (10YR 4/2), microcrystalline, hard. Limestone, 20%, very pale orange (10YR 8/2), micritic, somewhat friable, moderately soft.		3120-3130	10
Dolomite, 100%, dark yellowish brown (10YR 4/2) to moderate brown (5YR 3/4) to moderate yellowish brown (10YR 5/4), hard, dense, microcrystalline.		3130-3140	10
Dolomite, 100%, pale yellowish brown (10YR 6/2) to dark yellowish brown (10YR 4/2), cryptocrystalline to microcrystalline, dense, very hard.		3140-3160	20
Dolomite, 100%, pale yellowish brown (10YR 6/2) to dusky yellowish brown (5YR 2/2), very hard, dense, mostly cryptocrystalline.		3160-3170	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 9-29-91 LOCATION Marco Island

DRILLING CONTRACTOR Alsay WELL NUMBER IW 1 DRILLING METHOD Reverse Air

SAMPLE DESCRIPTION BY D. Matson, S. Bernardini SAMPLING METHOD Shale Shaker

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Dolomite, 80%, olive black (5Y 2/1), cryptocrystalline, very dense, very hard, cuttings very angular and thin; dolomite, 20%, pale yellowish brown (10 YR 6/2), cryptocrystalline, very dense, very hard, angular and thin. Cuttings include very pale orange limestone, however source is believed to be up-hole.	slow drilling	3170-3180	10
Dolomite, 90%, dusky yellowish brown (10YR 2/2), very dense, cryptocrystalline with crystals larger that above, very hard; dolomite, 10%, pale yellowish brown (10YR 6/2) as above. Cuttings include limestone, believed from up-hole, as above.	slow drilling	3180-3190	10
Dolomite, 80%, yellowish gray (5Y 7/2), cryptocrystalline, sparry void infilling, very hard; dolomite, 20%, dusky yellowish brown (10YR 2/2), dense, cryptocrystalline, very hard, good apparent vuggy porosity. Up-hole limestone, as above.	very slow drilling 55 min./ft.	3190-3210	20
Dolomite, 100%, mottled coloration, dusky yellowish brown (10YR 2/2) and dark yellowish brown (10YR 4/2), dense, very hard. Up-hole limestone, as above.	very slow drilling	3210-3220	10
Dolomite, 50%, yellowish gray (5Y 7/2) as above, dolomite, 50%, dusky yellowish brown (10YR 2/2) as above. Very pale orange limestone present in cuttings, source believed to be up-hole.	very slow drilling 60-65 min./ft.	3220-3230	10
Dolomite, 100%, light gray (N7), very hard, dense, microcrystalline texture, minor crystal faces. Cuttings appear flaked and thin. Individual pieces show subhedral crystal growth.	slow drilling	3230-3250	30
Dolomite, 100%, Light olive gray (5Y 5/2), very hard, cryptocrystalline texture, dense. Cuttings appear flaked and thin.	moderate drilling 20-30 min/ft.	3250-3280	30
Dolomite, light olive gray (5Y 5/2), 60%, as above, olive gray (5Y 4/1), 40%, very hard, microcrystalline texture, dense.	moderate drilling	3280-3290	10
Dolomite, Pale yellowish brown (10YR 6/2), microcrystalline, very hard, dense.	moderate drilling	3290-3310	20
Dolomite, 80%, dark gray (N3), olive gray (5Y 4/1), microcrystalline, dense, minor crystal faces, dolomitic limestone, 20%, yellowish gray (5Y 8/1) to light olive gray (5Y 6/1),crystalline texture, sparry, pin hole porosity,good apparent porosity.	Fast drilling	3310-3333	20
Anhydrite, 90%, bluish white (5B 9/1), to white (N9), medium hard, transparent, glassy, minor olive gray, hard, dolomite.	slow drilling	3333-3354	21

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 6/27/91 SHEET _____ OF _____

LOCATION Marco Island DRILLING CONTRACTOR ALSAY

WELL NUMBER Deep Monitor Well, CO-2272 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY J. Breland, R. Sosnowski SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Sand,(60%) Quartz, fine to medium grained, moderately sorted, well rounded, common organic debris, (30%) minor shell fragments,(10%)		0 to 10	10
Sand, (50%) Quartz, fine to medium grained, moderately sorted, well rounded, common organic debris, (35%) minor shell fragments (15%) multicolored		10 to 20	10
Sand and Shell; sand as above, (60%) shell (40%) multicolored, fragmented.		20 to 40	20
Limestone, (70%) white to yellowish grey, medium hard, calcarenitic, common shell fragments (30%).		40 to 50	10
Limestone, (85%) while, yellowish gray to dusky yellow, medium hard, shell/fossil fragments (15%).		50 to 60	10
Limestone same as above except only trace shell/fossil fragments.		60 to 70	10
Limestone, white to dusky yellow, hard. Trace phosphate in limestone. Trace shell/fossil fragments.		70 to 80	10
Limestone, white, hard. Trace phosphate in limestone. Trace fossil/shell fragments.		80 to 100	20
Limestone, (90%) white, yellowish gray to medium lite gray, medium hard. Phosphate in limestone, shell fragments.		100 to 110	10
Limestone, (60%) light grey to very light grey, medium hard, interbedded sandstone layers (30%), traces shells and shell fragments, finely phosphatic.		110 to 120	10
Sandstone, (70%) very light olive grey, consolidated (calcareous cement), fine to medium grained, sub angular, sub rounded, poorly sorted, minor shells and shell fragments, (20%) traces finely phosphatic sands.		120 to 130	10
Sandstone,(80%) as above.		130 to 150	20
Sandstone, (60%) Grayish olive, very light grey,sub rounded fined grained, moderately sorted, consolidated, (calcareous cement), common white, medium hard, fossiliferous, biomicritic limestone, (35%) finely phosphatic grains.		150 to 160	10
Sandstone, (80%) Very light grey to grayish black, good intraparticle porosity, hard, calcareous cement. Limestone, (15%) white to yellowish gray, hard, trace phosphate in limestone. Minor shell/fossil fragments.		160 to 170	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 06/28/91 SHEET__ OF_____ LOCATION Marco Island

DRILLING CONTRACTOR Alsay WELL NUMBER Deep Monitor Well, CO-2272 DRILLING METHOD Mud Rotary

SAMPLE DESCRIPTION BY R. Sosnowski, J. Breland, S. Bernardini, D. Matson SAMPLING METHOD grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Sandstone, (90%) Light gray to medium gray, hard, calcareous cement, good intraparticle porosity, trace phosphatic. Limestone, (5%) White to yellowish gray, medium hard, trace phosphatic. Minor shell/fossil fragments.		170 to 180	10
Sandstone, same as above except sand grains increasing in quantity.		180 to 190	10
Sand, (90%) Quartz, very light grey to clear, fine to medium grained, well rounded, poorly sorted, unconsolidated, minor consolidated calcareous sandstone,(10%)		190 to 200	10
Sand, (95%) Quartz, clear to very light grey, medium grained, minor fine grains, traces coarse grains, well rounded, poorly sorted. traces calcareous sandstone.		200 to 220	20
NO SAMPLE DUE TO LOSS OF CIRCULATION		220-300	80
NO SAMPLE DUE TO MUD CONDITIONS		300-320	20
Limestone, 55%, sparite, very pale orange (10 YR 8/2) to very light grey (N8), hard. Some fragments with abundant phosphate grains and molds. Dolomite, 30%, crystalline, dusky yellowish brown (10 YR 2/2), very hard, with abundant phosphate grains. Quartz sand, 10%, calcareous cement, medium-sized grains. Trace shell fragments and loose sand grains.	Hard drilling	320-340	20
As above, increasing dolomite. Dolomite, 50%, crystalline (fine-medium grained), less dusky yellow brown, more dark yellowish brown (10 YR 4/2), hard, with abundant phosphate grains. Limestone, 50%, very pale orange (10 YR 8/2) to very light grey(N8), sparry, moldic, most fragments with phosphate grains.	Hard drilling	340-350	10
As above, with increasing dolomite.	Hard drilling	350-370	20
Limestone 70%, very pale orange (10 YR 8/2), micritic to sparry, with some oolitic limestone. Moldic (small molds), decreasing phosphate, hard. Dolomite, 30%, dark yellowish brown (10 YR 4/2) to light olive grey (5Y 5/2), finely crystalline, moderately hard, with some phosphate grains (decreasing amount).	Hard Drilling	370-380	10
As above	Hard Drilling	380-400	20
Limestone 95%, pinkish grey(5yr8/1) biomicritic, hard, trace of phosphate,miner sparite, moderate to good porosity.		400-410	10
Limestone 85%, pinkish grey to very light grey (N8), biomicritic, hard, minor shell fragments, minor light olive grey micrite, soft,marly.		410-420	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 7/10/91 SHEET__ OF_____

LOCATION Marco Island DRILLING CONTRACTOR Alsay WELL

NUMBER Deep Monitor Well, CO-2272 DRILLING METHOD Mud Rotary (Reverse Air after 450 ft SAMPLE

DESCRIPTION BY: J. Breland/S. Bernardini/D. Matson SAMPLING METHOD grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Dolomite 60% , pale to dark yellowish brown (10YR 4-6/2), firm but friable, sucrosic texture, moderate porosity. Limestone 40%, pinkish grey (5YR 8/1) biomicritic, hard, good porosity.		420-440	20
Limestone, 50%, yellowish gray (5Y,7/2), biopelmicrite, moderately hard, moldic, some phosphate. Dolomite, 50%, light olive gray (5Y,5/2), to moderate yellowish brown (10YR,5/4), moderately friable to hard, microcrystalline, sucrosic texture, some phosphate, embedded shell fragments, rounded fragments.		440-460	20
Dolomite, 80%, moderate yellowish brown (10YR,5/4), to dark yellowish brown (10YR,4/2), microcrystalline to cryptocrystalline, very hard, angular fragments. Limestone, 20%, yellowish gray (5Y,7/2), hard, micritic, cryptocrystalline.		460-490	30
Calcareous dolomite, 95%, pale yellowish brown (10YR,6/2), friable, embedded phosphate grains, microcrystalline to cryptocrystalline, limestone, 5% as above.		490-500	10
Dolomite, 95%, grayish orange (10YR,7/4), hard, microcrystalline, limestone, 4%, white, hard, moldic, biomicritic, dolomite, 1%, white (N9) to very light gray (N8), hard.		500-520	20
Limestone, 95%, pinkish gray (5YR,8/1), hard, biomicritic, moldic, embedded limestone granules, medium gray (N5), dolomite, 5%, pale yellowish brown (10YR,6/2), microcrystalline, trace embedded pinkish gray limestone.		520-530	10
Limestone, 85%, yellowish gray (5Y,8/1), hard, biomicritic, good moldic porosity, dolomite, 10%, pale yellowish brown (10YR,6/2), microcrystalline, sparry, hard, dolomite, 5%, dark yellowish brown (10YR,4/2), hard, embedded phosphate grains, microcrystalline.		530-550	20
Limestone, 98%, white (N9), soft, finely phosphatic, micritic, dolomite, 2% as above.		550-560	10
Limestone,95%, white (N9) to light grey, (5Y8/1), micritic, soft, phosphatic, trace shell fragments, good intraparticle porosity.		560-570	10

Limestone, 80%, white (N9) to light olive grey (5Y6/1), micritic, soft, phosphatic, trace shell fragments/fossils, minor clay 10%, light greenish grey (5Y8/1), soft, phosphatic.		570-580	10
Limestone, as above except, trace dark greenish grey (5Y4/1), hard, dolomite.		580-590	10
Limestone,90%, white (N9), to light olive grey (5Y5/2), medium hard, minor shell fragments/fossils, phosphatic, trace siltstone with calcareous cement, and mudstone fossil molds.		590-600	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 7/23/91 SHEET__ OF__

LOCATION Marco Island DRILLING CONTRACTOR Alsay WELL

NUMBER Deep Monitor Well, CO-2272 DRILLING METHOD Reverse air

SAMPLE DESCRIPTION BY J.Breland, R. Sosnowski SAMPLING METHOD grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 90%, white (N9), to yellowish grey (5Y7/2), soft, minor lithified lime mud 10%, very light grey (N8),trace shell fragments/fossils, trace phosphate.		600-610	10
Limestone,95%, white (N9), to yellowish grey (5Y7/2), micritic, moderately hard, phosphatic, trace shell fragments/fossils, trace lime mud 5%, very light grey (N8), soft, with quartz sand.		610-630	20
Limestone, 95%, white (N9), very light grey (N8) to yellowish grey (5Y8/1), medium hard, phosphatic, trace shell fragments/fossils.		630-640	10
Limestone, 65%, white (N9) to yellowish grey, medium hard, phosphatic, trace shell framents/fossils, Lime mud 35%, greenish grey (5GY6/1), soft, trace phosphatic grains.		640-650	10
Lime mud, 60%, greenish gray (5GY 6/1), soft, partially lithified 30%, phosphatic. Limestone 10%, white (N9) to yellowish gray (5Y 8/1), medium hard. Phosphatic. Trace shell fragments/fossils.		650-660	10
Lime mud, 80%, same as above, partially lithified portion decreases to 15%. Limestone same as above except decreases in percentage to 5%. Phosphatic grains also decrease in quantity.		660-670	10
Lime mud, 80%, same as above, partially lithified portion decreases to 10%. Limestone, as above, increases to 10%.		670-680	10
Lime mud, 60%, same as above, partially lithified 10%. Limestone, 30%, light olive gray (5Y 6/1), sparitic, medium hard, good apparent porosity.		680-690	10
Limestone, 70%, light olive gray (5Y 6/1), medium hard, biosparitic, phosphatic. Lithified lime mud, 30%, white (N9), medium soft.		690-700	10
Limestone, 90% very light gray (N8) to medium gray (N5), moderately hard, biomicritic.		700-710	10
Limestone, 90% white (N9) to medium gray (N5), hard, calcarenitic, fossiliferous. Trace phosphate grains.		710-720	10
Dolomite, 90%, dark greenish gray (5GY 4/1), hard, phosphatic, fossiliferous. Limestone, 10%, white (N9) to yellowish gray (5Y 8/1), moderately hard, biomicritic, phosphatic.		720-730	10
Dolomite, 60%, dark greenish gray (5GY 4/1), dark yellowish brown (10YR 4/2), hard, fossiliferous, trace phosphate grains. Limestone, 40%, white (N9) to very light gray (N8), medium hard, biomicritic, trace phosphate grains.		730-740	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 8-4-91 SHEET _____ OF _____

LOCATION Marco Island DRILLING CONTRACTOR Alsay

WELL NUMBER Deep Monitor Well, CO-2272 DRILLING METHOD Reverse Air

SAMPLE DESCRIPTION BY S. Bernardini SAMPLING METHOD grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 90%, cacitic, very pale orange (10 YR 8/2) to light olive gray (5Y 6/1), friable, pelletoidal, most fragments partially cacified. Trace dolomite, as above, and shell fragments.	Easy drilling	840-860	20
As above, calcite content decreasing.	Easy drilling	860-870	10
Limestone, 95%, very pale orange (10 YR 8/2) to yellowish gray (5Y 7/2), pelmicritic to biopelmicritic, moderately friable to moderately hard, trace shells.	Easy drilling	870-890	20
Limestone, as above, with increasing hardness.		890-900	10
Limestone, 100%, very pale orange (10 YR 8/2), pelmicritic, friable to crumbly.	Easy drilling	900-910	10
Limestone, as above, somewhat harder.		910-920	10
Limestone, 100%, mvery pale orange (10 YR 8/2), pelmicritic, some molds, friable to crumbly.	Easy drilling	920-940	20
As above, with some calcification, molds. Some hard fragments.		940-950	10
Limestone, 80%, very pale orange (10 YR 8/2), biomicrite, hard. Limestone, 20%, very pale orange, friable pelmicrite.	Easy drilling	950-960	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

PROJECT H89-314 DATE 8/5/91 LOCATION Marco Island

DRILLING CONTRACTOR Alsay WELL NUMBER DMW-1 DRILLING METHOD Reverse Air

SAMPLE DESCRIPTION BY R. Sosnowski, J. Breland SAMPLING METHOD grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 60%, yellowish gray (5Y 8/1), hard, good intraporosity, fossiliferous. Lithified calcarenitic sand, 40%, same as above except soft.		960 - 970	10
Limestone, 90%, very light gray (N8) to light olive gray (5Y 6/1), hard, good intraporosity, fossiliferous. Lithified calcarenitic sand, 10%, very light gray (N8), soft, fossiliferous, good intraporosity.		970 - 980	10
Limestone, 100%, same as above except decreasing in hardness.		980 - 990	10
Limestone, yellowish gray (5Y 8/1) to medium light gray (N6), medium hard, fossiliferous, good intraporosity.		990 - 1020	20
Limestone, 80%, medium grey (N5), medium hard, calcarenitic (20%),yellowish gray (5Y 8/1), moderately soft, sucrosic texture.		1020-1030	10
Limestone, 100%, light olive gray (5Y 6/1), to olive gray (5Y 4/1), medium hard, calcarenitic, sucrosic texture.		1030-1040	10
Limestone, 20%, yellowish gray (5Y 8/1), medium soft, very fossiliferous 80%,(mostly forams), calcareous cemented.		1040-1060	20
.iestone, 70%, light olive gray (5y 6/1) moderately hard, biomicritic, fossiliferous 30%.		1060-1080	20
Limestone, 100%, very light grey (N8), micritic, earthy texture.		1080-1090	10
Limestone, 60%, yellowish gray (5Y 8/1), biomicritic, medium soft, very fossiliferous 40%.		1090-1110	20
Limestone, 90%, very light gray (N8), medium soft, biomicritic, chalky texture, common fossils 10%.		1110-1120	10
Limestone, 40%, light olive gray (5Y 6/1), hard, biomicritic, abundant fossils 60%.		1120-1140	20
Limestone, 70%, light olive gray (5Y 6/1), very hard, biosparitic, very fossiliferous 25%, finely black phosphatic grains 5%.		1140-1150	10
Limestone, 100%, light olive gray (5Y 6/1), medium hard to medium soft, calcarenitic,chalky texture.		1150-1170	20
Limestone 80%, light olive gray (5Y 6/1), medium gray (N5), hard to very hard, biosparitic, common fossils 20%.		1170-1180	10
Marl, 80%, white (N9), to very light gray (N8), soft to moderately soft, calcarenite 20%.		1180-1200	20
Marl, as above, execpt increasing calcarenite 60%.		1200-1210	10
estone, 100%, yellowish gray (5Y 8/1), light olive gray (5Y 6/1), biomicritic, fossiliferous, crystalline texture.		1210-1220	10

MISSIMER & ASSOCIATES, INC.

WELL LOG

ROJECT H89-314 DATE 9/21/91 LOCATION Marco Island

D/ 'LING CONTRACTOR Alsay WELL NUMBER DMW-1 DRILLING METHOD Reverse Air

AMPLE DESCRIPTION BY Jack Breland, Kevin Moore, S. Bernardini, D. Matson SAMPLING METHOD Grab

Sample Description	Drilling Comments	Depth Interval (feet)	Thickness (feet)
Limestone, 100%, very light gray (N8) medium hard, earthy,fossil traces, good apparent porosity		1220-1230	10
Limestone, 100%, yellowish gray (5Y 8/1), earthy, soft to medium soft, some fossil traces, foraminifera, anemone spines, gastropods.		1230-1240	10
Limestone, 100%, yellowish gray (5Y 8/1), earthy, medium hard, fossil traces, good apparent porosity.		1240-1250	10
Limestone, 100%, pinkish gray (5YR 8/1), earthy, friable, traces of gastropods, anemone spines, and foraminifera.		1250-1280	30
Limestone, 100%, light olive gray (5Y 6/1), earthy, hard, fossil traces, good apparent porosity, diatoms, anemone spines, foraminifera, and gastropods.		1280-1290	10
Limestone, 100%, light olive gray (5Y 6/1), earthy, hard, fossil traces, good apparent porosity, fossils of mollusk and foraminifera.		1290-1300	10
Limestone, 100%, yellowish gray (5Y 6/1), earthy texture, friable, dium hard to hard, fossils of foraminifera and gastropods.		1300-1310	10
Limestone, 100%, yellowish gray (5Y 8/1), moderately hard, earthy, biomicritic, earthy texture, traces of shell fragments.		1310-1330	20
Limestone, 100%, yellowish gray (5Y 8/1), friable, sparry, crystalline texture, traces of shell fragments.		1330-1340	10
Limestone, 100%, yellowish gray (5Y 8/1), friable, biomicritic, microcrystalline, moldic.		1340-1350	10
Limestone, 100%, light olive gray (5Y 6/1), sparry, microcrystalline, moldic, spines and shell fragments (gastropods).		1350-1360	10
Limestone, 100%, yellowish gray (5Y 8/1), biosparitic, cryptocrystalline texture, moderately hard.		1360-1380	20
Limestone, 100%, pinkish gray (5YR 8/1), hard, sucrosic, some fossil molds and some foraminifera, microcrystalline with cryptocrystalline, poor apparent porosity.		1380-1390	10
Limestone, 100%, yellowish gray (5Y 8/1), earthy, few foraminifera, apparent good porosity, moderately hard.		1390-1420	30
Limestone, 100%, yellowish gray (5Y 8/1), earthy, apparent good porosity, very few fossils of foraminifera, cuttings very small, moderately hard.		1420-1430	10

Appendix C

Injection Test Data

MARCO ISLAND IW-1
INJECTION TEST

Bottom Hole Temperature and Pressure Data

BACKGROUND

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp.°F
5	03/31/92	11:39:58	0.00	1178.06	91.9
6	03/31/92	11:40:01	0.05	1178.07	91.9
7	03/31/92	11:45:01	5.05	1178.06	91.9
8	03/31/92	11:50:01	10.05	1178.06	91.9
9	03/31/92	11:55:01	15.05	1178.06	91.9
10	03/31/92	12:00:01	20.05	1178.05	91.9
11	03/31/92	12:05:01	25.05	1178.05	91.9
12	03/31/92	12:10:01	30.05	1178.04	91.9
13	03/31/92	12:15:01	35.05	1178.04	91.9
14	03/31/92	12:20:01	40.05	1178.03	91.9
15	03/31/92	12:25:01	45.05	1178.04	91.9
16	03/31/92	12:30:01	50.05	1178.04	91.9
17	03/31/92	12:35:01	55.05	1178.05	91.9
18	03/31/92	12:40:01	60.05	1178.05	91.9
19	03/31/92	12:45:01	65.05	1178.04	91.9
20	03/31/92	12:50:01	70.05	1178.06	91.9
21	03/31/92	12:55:01	75.05	1178.05	91.9
22	03/31/92	13:00:01	80.05	1178.06	91.9
23	03/31/92	13:05:01	85.05	1178.06	92.0
24	03/31/92	13:10:01	90.05	1178.07	92.0
25	03/31/92	13:15:01	95.05	1178.07	92.0
26	03/31/92	13:20:01	100.05	1178.07	92.0
27	03/31/92	13:25:01	105.05	1178.08	92.0
28	03/31/92	13:30:01	110.05	1178.09	92.0
29	03/31/92	13:35:01	115.05	1178.09	92.0
30	03/31/92	13:40:01	120.05	1178.09	92.0
31	03/31/92	13:45:01	125.05	1178.10	92.0
32	03/31/92	13:50:01	130.05	1178.10	92.1
33	03/31/92	13:55:01	135.05	1178.10	92.1
34	03/31/92	14:00:01	140.05	1178.10	92.1
35	03/31/92	14:05:01	145.05	1178.11	92.1
36	03/31/92	14:10:01	150.05	1178.11	92.1
37	03/31/92	14:15:01	155.05	1178.11	92.1
38	03/31/92	14:20:01	160.05	1178.11	92.1
39	03/31/92	14:25:01	165.05	1178.11	92.1
40	03/31/92	14:30:01	170.05	1178.11	92.1
41	03/31/92	14:35:01	175.05	1178.11	92.1
42	03/31/92	14:40:01	180.05	1178.12	92.1
43	03/31/92	14:45:01	185.05	1178.11	92.1
44	03/31/92	14:50:01	190.05	1178.12	92.1
45	03/31/92	14:55:01	195.05	1178.11	92.2
46	03/31/92	15:00:01	200.05	1178.11	92.2
47	03/31/92	15:05:01	205.05	1178.10	92.2
48	03/31/92	15:10:01	210.05	1178.10	92.2
49	03/31/92	15:15:01	215.05	1178.11	92.2
50	03/31/92	15:20:01	220.05	1178.10	92.2
51	03/31/92	15:25:01	225.05	1178.09	92.2
52	03/31/92	15:30:01	230.05	1178.10	92.2
53	03/31/92	15:35:01	235.05	1178.10	92.2
54	03/31/92	15:40:01	240.05	1178.09	92.2
55	03/31/92	15:45:01	245.05	1178.09	92.2

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
56	03/31/92	15:50:01	250.05	1178.09	92.2
57	03/31/92	15:55:01	255.05	1178.09	92.2
58	03/31/92	16:00:01	260.05	1178.09	92.2
59	03/31/92	16:05:01	265.05	1178.08	92.2
60	03/31/92	16:10:01	270.05	1178.09	92.2
61	03/31/92	16:15:01	275.05	1178.09	92.2
62	03/31/92	16:20:01	280.05	1178.08	92.2
63	03/31/92	16:25:01	285.05	1178.08	92.2
64	03/31/92	16:30:01	290.05	1178.08	92.2
65	03/31/92	16:35:01	295.05	1178.07	92.2
66	03/31/92	16:40:01	300.05	1178.07	92.2
67	03/31/92	16:45:01	305.05	1178.06	92.2
68	03/31/92	16:50:01	310.05	1178.06	92.2
69	03/31/92	16:55:01	315.05	1178.06	92.2
70	03/31/92	17:00:01	320.05	1178.06	92.2
71	03/31/92	17:05:01	325.05	1178.05	92.2
72	03/31/92	17:10:01	330.05	1178.05	92.2
73	03/31/92	17:15:01	335.05	1178.04	92.2
74	03/31/92	17:20:01	340.05	1178.05	92.2
75	03/31/92	17:25:01	345.05	1178.04	92.2
76	03/31/92	17:30:01	350.05	1178.04	92.2
77	03/31/92	17:35:01	355.05	1178.03	92.2
78	03/31/92	17:40:01	360.05	1178.04	92.1
79	03/31/92	17:45:01	365.05	1178.03	92.1
80	03/31/92	17:50:01	370.05	1178.02	92.1
81	03/31/92	17:55:01	375.05	1178.02	92.1
82	03/31/92	18:00:01	380.05	1178.01	92.1
83	03/31/92	18:05:01	385.05	1178.00	92.1
84	03/31/92	18:10:01	390.05	1178.00	92.1
85	03/31/92	18:15:01	395.05	1178.00	92.1
86	03/31/92	18:20:01	400.05	1177.99	92.1
87	03/31/92	18:25:01	405.05	1177.99	92.1
88	03/31/92	18:30:01	410.05	1177.98	92.1
89	03/31/92	18:35:01	415.05	1177.98	92.1
90	03/31/92	18:40:01	420.05	1177.98	92.1
91	03/31/92	18:45:01	425.05	1177.97	92.1
92	03/31/92	18:50:01	430.05	1177.97	92.1
93	03/31/92	18:55:01	435.05	1177.96	92.1
94	03/31/92	19:00:01	440.05	1177.96	92.0
95	03/31/92	19:05:01	445.05	1177.96	92.0
96	03/31/92	19:10:01	450.05	1177.96	92.0
97	03/31/92	19:15:01	455.05	1177.96	92.0
98	03/31/92	19:20:01	460.05	1177.95	92.0
99	03/31/92	19:25:01	465.05	1177.95	92.0
100	03/31/92	19:30:01	470.05	1177.95	92.0
101	03/31/92	19:35:01	475.05	1177.95	92.0
102	03/31/92	19:40:01	480.05	1177.95	92.0
103	03/31/92	19:45:01	485.05	1177.94	92.0
104	03/31/92	19:50:01	490.05	1177.94	92.0
105	03/31/92	19:55:01	495.05	1177.93	92.0
106	03/31/92	20:00:01	500.05	1177.93	92.0
107	03/31/92	20:05:01	505.05	1177.94	92.0

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
108	03/31/92	20:10:01	510.05	1177.93	92.0
109	03/31/92	20:15:01	515.05	1177.93	91.9
110	03/31/92	20:20:01	520.05	1177.93	91.9
111	03/31/92	20:25:01	525.05	1177.94	91.9
112	03/31/92	20:30:01	530.05	1177.93	91.9
113	03/31/92	20:35:01	535.05	1177.93	91.9
114	03/31/92	20:40:01	540.05	1177.93	91.9
115	03/31/92	20:45:01	545.05	1177.93	91.9
116	03/31/92	20:50:01	550.05	1177.93	91.9
117	03/31/92	20:55:01	555.05	1177.93	91.9
118	03/31/92	21:00:01	560.05	1177.93	91.9
119	03/31/92	21:05:01	565.05	1177.92	91.9
120	03/31/92	21:10:01	570.05	1177.93	91.9
121	03/31/92	21:15:01	575.05	1177.93	91.9
122	03/31/92	21:20:01	580.05	1177.93	91.9
123	03/31/92	21:25:01	585.05	1177.93	91.9
124	03/31/92	21:30:01	590.05	1177.93	91.9
125	03/31/92	21:35:01	595.05	1177.93	91.9
126	03/31/92	21:40:01	600.05	1177.93	91.9
127	03/31/92	21:45:01	605.05	1177.93	91.9
128	03/31/92	21:50:01	610.05	1177.93	91.9
129	03/31/92	21:55:01	615.05	1177.92	91.9
130	03/31/92	22:00:01	620.05	1177.93	91.9
131	03/31/92	22:05:01	625.05	1177.93	91.9
132	03/31/92	22:10:01	630.05	1177.93	91.9
133	03/31/92	22:15:01	635.05	1177.93	91.9
134	03/31/92	22:20:01	640.05	1177.93	91.9
135	03/31/92	22:25:01	645.05	1177.93	91.9
136	03/31/92	22:30:01	650.05	1177.93	91.9
137	03/31/92	22:35:01	655.05	1177.93	91.8
138	03/31/92	22:40:01	660.05	1177.93	91.8
139	03/31/92	22:45:01	665.05	1177.93	91.8
140	03/31/92	22:50:01	670.05	1177.93	91.8
141	03/31/92	22:55:01	675.05	1177.93	91.8
142	03/31/92	23:00:01	680.05	1177.93	91.8
143	03/31/92	23:05:01	685.05	1177.93	91.8
144	03/31/92	23:10:01	690.05	1177.93	91.8
145	03/31/92	23:15:01	695.05	1177.93	91.8
146	03/31/92	23:20:01	700.05	1177.93	91.8
147	03/31/92	23:25:01	705.05	1177.93	91.8
148	03/31/92	23:30:01	710.05	1177.93	91.8
149	03/31/92	23:35:01	715.05	1177.93	91.8
150	03/31/92	23:40:01	720.05	1177.93	91.8
151	03/31/92	23:45:01	725.05	1177.92	91.8
152	03/31/92	23:50:01	730.05	1177.91	91.8
153	03/31/92	23:55:01	735.05	1177.92	91.8
154	04/01/92	00:00:01	740.05	1177.92	91.8
155	04/01/92	00:05:01	745.05	1177.92	91.8
156	04/01/92	00:10:01	750.05	1177.91	91.8
157	04/01/92	00:15:01	755.05	1177.91	91.8
158	04/01/92	00:20:01	760.05	1177.91	91.8
159	04/01/92	00:25:01	765.05	1177.91	91.8

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
160	04/01/92	00:30:01	770.05	1177.91	91.8
161	04/01/92	00:35:01	775.05	1177.91	91.8
162	04/01/92	00:40:01	780.05	1177.90	91.8
163	04/01/92	00:45:01	785.05	1177.90	91.8
164	04/01/92	00:50:01	790.05	1177.90	91.8
165	04/01/92	00:55:01	795.05	1177.89	91.8
166	04/01/92	01:00:01	800.05	1177.88	91.8
167	04/01/92	01:05:01	805.05	1177.88	91.8
168	04/01/92	01:10:01	810.06	1177.89	91.8
169	04/01/92	01:15:01	815.05	1177.88	91.8
170	04/01/92	01:20:01	820.05	1177.87	91.8
171	04/01/92	01:25:01	825.05	1177.86	91.8
172	04/01/92	01:30:01	830.05	1177.86	91.8
173	04/01/92	01:35:01	835.05	1177.86	91.8
174	04/01/92	01:40:01	840.05	1177.85	91.8
175	04/01/92	01:45:01	845.05	1177.85	91.8
176	04/01/92	01:50:01	850.05	1177.84	91.8
177	04/01/92	01:55:01	855.05	1177.84	91.8
178	04/01/92	02:00:01	860.05	1177.83	91.8
179	04/01/92	02:05:01	865.05	1177.83	91.8
180	04/01/92	02:10:01	870.05	1177.82	91.8
181	04/01/92	02:15:01	875.05	1177.81	91.8
182	04/01/92	02:20:01	880.05	1177.82	91.8
183	04/01/92	02:25:01	885.05	1177.81	91.8
184	04/01/92	02:30:01	890.05	1177.81	91.8
185	04/01/92	02:35:01	895.05	1177.80	91.8
186	04/01/92	02:40:01	900.05	1177.80	91.8
187	04/01/92	02:45:01	905.05	1177.79	91.8
188	04/01/92	02:50:01	910.05	1177.78	91.8
189	04/01/92	02:55:01	915.05	1177.78	91.8
190	04/01/92	03:00:01	920.05	1177.78	91.8
191	04/01/92	03:05:01	925.05	1177.77	91.8
192	04/01/92	03:10:01	930.05	1177.76	91.8
193	04/01/92	03:15:01	935.05	1177.76	91.8
194	04/01/92	03:20:01	940.05	1177.77	91.8
195	04/01/92	03:25:01	945.05	1177.76	91.8
196	04/01/92	03:30:01	950.05	1177.75	91.8
197	04/01/92	03:35:01	955.05	1177.74	91.8
198	04/01/92	03:40:01	960.05	1177.74	91.8
199	04/01/92	03:45:01	965.05	1177.74	91.8
200	04/01/92	03:50:01	970.05	1177.73	91.8
201	04/01/92	03:55:01	975.05	1177.73	91.8
202	04/01/92	04:00:01	980.05	1177.72	91.8
203	04/01/92	04:05:01	985.05	1177.72	91.8
204	04/01/92	04:10:01	990.05	1177.72	91.8
205	04/01/92	04:15:01	995.05	1177.71	91.8
206	04/01/92	04:20:01	1000.05	1177.71	91.8
207	04/01/92	04:25:01	1005.05	1177.70	91.8
208	04/01/92	04:30:01	1010.05	1177.70	91.8
209	04/01/92	04:35:01	1015.05	1177.69	91.8
210	04/01/92	04:40:01	1020.05	1177.69	91.8
211	04/01/92	04:45:01	1025.05	1177.69	91.8

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
212	04/01/92	04:50:01	1030.05	1177.69	91.8
213	04/01/92	04:55:01	1035.05	1177.68	91.8
214	04/01/92	05:00:01	1040.05	1177.68	91.8
215	04/01/92	05:05:01	1045.05	1177.67	91.8
216	04/01/92	05:10:01	1050.05	1177.67	91.8
217	04/01/92	05:15:01	1055.05	1177.67	91.8
218	04/01/92	05:20:01	1060.05	1177.67	91.8
219	04/01/92	05:25:01	1065.05	1177.67	91.8
220	04/01/92	05:30:01	1070.05	1177.67	91.8
221	04/01/92	05:35:01	1075.05	1177.67	91.8
222	04/01/92	05:40:01	1080.05	1177.67	91.8
223	04/01/92	05:45:01	1085.05	1177.67	91.8
224	04/01/92	05:50:01	1090.05	1177.66	91.8
225	04/01/92	05:55:01	1095.05	1177.67	91.8
226	04/01/92	06:00:01	1100.05	1177.66	91.8
227	04/01/92	06:05:01	1105.05	1177.66	91.8
228	04/01/92	06:10:01	1110.05	1177.67	91.8
229	04/01/92	06:15:01	1115.05	1177.67	91.8
230	04/01/92	06:20:01	1120.05	1177.67	91.8
231	04/01/92	06:25:01	1125.05	1177.67	91.8
232	04/01/92	06:30:01	1130.05	1177.67	91.8
233	04/01/92	06:35:01	1135.05	1177.67	91.8
234	04/01/92	06:40:01	1140.05	1177.68	91.8
235	04/01/92	06:45:01	1145.05	1177.67	91.8
236	04/01/92	06:50:01	1150.05	1177.68	91.8
237	04/01/92	06:55:01	1155.05	1177.69	91.8
238	04/01/92	07:00:01	1160.05	1177.69	91.8
239	04/01/92	07:05:01	1165.05	1177.69	91.8
240	04/01/92	07:10:01	1170.05	1177.69	91.8
241	04/01/92	07:15:01	1175.05	1177.69	91.8
242	04/01/92	07:20:01	1180.05	1177.70	91.8
243	04/01/92	07:25:01	1185.05	1177.70	91.8
244	04/01/92	07:30:01	1190.05	1177.71	91.8
245	04/01/92	07:35:01	1195.05	1177.71	91.8
246	04/01/92	07:40:01	1200.05	1177.72	91.8
247	04/01/92	07:45:01	1205.05	1177.72	91.8
248	04/01/92	07:50:01	1210.05	1177.73	91.8
249	04/01/92	07:55:01	1215.05	1177.73	91.8
250	04/01/92	08:00:01	1220.05	1177.74	91.8
251	04/01/92	08:05:01	1225.05	1177.75	91.8
252	04/01/92	08:10:01	1230.05	1177.75	91.8
253	04/01/92	08:15:01	1235.05	1177.76	91.8
254	04/01/92	08:20:01	1240.05	1177.76	91.8
255	04/01/92	08:25:01	1245.05	1177.77	91.8
256	04/01/92	08:30:01	1250.05	1177.77	91.8
257	04/01/92	08:35:01	1255.05	1177.78	91.8
258	04/01/92	08:40:01	1260.05	1177.79	91.8
259	04/01/92	08:45:01	1265.05	1177.80	91.8
260	04/01/92	08:50:01	1270.05	1177.80	91.8
261	04/01/92	08:55:01	1275.05	1177.82	91.8
262	04/01/92	09:00:01	1280.05	1177.82	91.8
263	04/01/92	09:05:01	1285.05	1177.83	91.8

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
264	04/01/92	09:10:01	1290.05	1177.84	91.8
265	04/01/92	09:15:01	1295.05	1177.85	91.8
266	04/01/92	09:20:01	1300.05	1177.87	91.8
267	04/01/92	09:25:01	1305.05	1177.87	91.9
268	04/01/92	09:30:01	1310.05	1177.88	91.9
269	04/01/92	09:35:01	1315.05	1177.89	91.9
270	04/01/92	09:40:01	1320.05	1177.90	91.9
271	04/01/92	09:45:01	1325.05	1177.92	91.9
272	04/01/92	09:50:01	1330.05	1177.92	91.9
273	04/01/92	09:55:01	1335.05	1177.93	91.9
274	04/01/92	10:00:01	1340.05	1177.94	91.9
275	04/01/92	10:05:01	1345.05	1177.95	91.9
276	04/01/92	10:10:01	1350.05	1177.96	91.9
277	04/01/92	10:15:01	1355.05	1177.97	91.9
278	04/01/92	10:20:01	1360.05	1177.97	91.9
279	04/01/92	10:25:01	1365.05	1177.98	92.0
280	04/01/92	10:30:01	1370.05	1177.98	92.0
281	04/01/92	10:35:01	1375.05	1177.99	92.0
282	04/01/92	10:40:01	1380.05	1178.00	92.0
283	04/01/92	10:45:01	1385.05	1178.02	92.0
284	04/01/92	10:50:01	1390.05	1178.02	92.0
285	04/01/92	10:55:01	1395.05	1178.02	92.0
286	04/01/92	11:00:01	1400.05	1178.03	92.0
287	04/01/92	11:05:01	1405.05	1178.04	92.0
288	04/01/92	11:10:01	1410.05	1178.04	92.0
289	04/01/92	11:15:01	1415.05	1178.05	92.0
290	04/01/92	11:20:01	1420.05	1178.06	92.0
291	04/01/92	11:25:01	1425.05	1178.06	92.0
292	04/01/92	11:30:01	1430.05	1178.07	92.0
293	04/01/92	11:35:01	1435.05	1178.07	92.0
294	04/01/92	11:40:01	1440.05	1178.07	92.0
295	04/01/92	11:45:01	1445.05	1178.07	92.1
296	04/01/92	11:50:01	1450.05	1178.08	92.0
297	04/01/92	11:55:01	1455.05	1178.08	92.1
298	04/01/92	12:00:01	1460.05	1178.08	92.1
299	04/01/92	12:05:01	1465.05	1178.08	92.1
300	04/01/92	12:10:01	1470.05	1178.08	92.1
301	04/01/92	12:15:01	1475.05	1178.08	92.1
302	04/01/92	12:20:01	1480.05	1178.07	92.1
303	04/01/92	12:25:01	1485.05	1178.09	92.1
304	04/01/92	12:30:01	1490.05	1178.09	92.1
305	04/01/92	12:35:01	1495.05	1178.10	92.1
306	04/01/92	12:40:01	1500.05	1178.10	92.1
307	04/01/92	12:45:01	1505.05	1178.10	92.1
308	04/01/92	12:50:01	1510.05	1178.10	92.1
309	04/01/92	12:55:01	1515.05	1178.11	92.1
310	04/01/92	13:00:01	1520.05	1178.11	92.1
311	04/01/92	13:05:01	1525.05	1178.10	92.2
312	04/01/92	13:10:01	1530.05	1178.12	92.1
313	04/01/92	13:15:01	1535.05	1178.11	92.2
314	04/01/92	13:20:01	1540.05	1178.11	92.2
315	04/01/92	13:25:01	1545.05	1178.12	92.2

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
316	04/01/92	13:30:01	1550.05	1178.11	92.2
317	04/01/92	13:35:01	1555.05	1178.11	92.2
318	04/01/92	13:40:01	1560.05	1178.11	92.2
319	04/01/92	13:45:01	1565.05	1178.11	92.2
320	04/01/92	13:50:01	1570.05	1178.11	92.2
321	04/01/92	13:55:01	1575.05	1178.11	92.2
322	04/01/92	14:00:01	1580.05	1178.11	92.2
323	04/01/92	14:05:01	1585.05	1178.11	92.2
324	04/01/92	14:10:01	1590.05	1178.10	92.2
325	04/01/92	14:15:01	1595.05	1178.10	92.2
326	04/01/92	14:20:01	1600.05	1178.10	92.2
327	04/01/92	14:25:01	1605.05	1178.10	92.2
328	04/01/92	14:30:01	1610.05	1178.10	92.2
329	04/01/92	14:35:01	1615.05	1178.10	92.2
330	04/01/92	14:40:01	1620.05	1178.10	92.2
331	04/01/92	14:45:01	1625.05	1178.09	92.2
332	04/01/92	14:50:01	1630.05	1178.09	92.2
333	04/01/92	14:55:01	1635.05	1178.08	92.2
334	04/01/92	15:00:01	1640.05	1178.08	92.2
335	04/01/92	15:05:01	1645.05	1178.07	92.2
336	04/01/92	15:10:01	1650.05	1178.07	92.2
337	04/01/92	15:15:01	1655.05	1178.06	92.2
338	04/01/92	15:20:01	1660.05	1178.06	92.2
339	04/01/92	15:25:01	1665.05	1178.06	92.2
340	04/01/92	15:30:01	1670.05	1178.05	92.2
341	04/01/92	15:35:01	1675.05	1178.05	92.2
342	04/01/92	15:40:01	1680.05	1178.04	92.2
343	04/01/92	15:45:01	1685.05	1178.04	92.2
344	04/01/92	15:50:01	1690.05	1178.03	92.2
345	04/01/92	15:55:01	1695.05	1178.02	92.2
346	04/01/92	16:00:01	1700.05	1178.01	92.2
347	04/01/92	16:05:01	1705.05	1177.99	92.2
348	04/01/92	16:10:01	1710.05	1177.98	92.2
349	04/01/92	16:15:01	1715.05	1177.98	92.2
350	04/01/92	16:20:01	1720.05	1177.97	92.2
351	04/01/92	16:25:01	1725.05	1177.95	92.2
352	04/01/92	16:30:01	1730.05	1177.95	92.2
353	04/01/92	16:35:01	1735.05	1177.93	92.2
354	04/01/92	16:40:01	1740.05	1177.93	92.2
355	04/01/92	16:45:01	1745.05	1177.92	92.2
356	04/01/92	16:50:01	1750.05	1177.92	92.1
357	04/01/92	16:55:01	1755.05	1177.92	92.1
358	04/01/92	17:00:01	1760.05	1177.90	92.1
359	04/01/92	17:05:01	1765.05	1177.90	92.1
360	04/01/92	17:10:01	1770.05	1177.89	92.1
361	04/01/92	17:15:01	1775.05	1177.89	92.1
362	04/01/92	17:20:01	1780.05	1177.88	92.1
363	04/01/92	17:25:01	1785.05	1177.88	92.1
364	04/01/92	17:30:01	1790.05	1177.88	92.1
365	04/01/92	17:35:01	1795.05	1177.87	92.1
366	04/01/92	17:40:01	1800.05	1177.86	92.1
367	04/01/92	17:45:01	1805.05	1177.85	92.1

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
368	04/01/92	17:50:01	1810.05	1177.86	92.1
369	04/01/92	17:55:01	1815.05	1177.86	92.1
370	04/01/92	18:00:01	1820.05	1177.85	92.1
371	04/01/92	18:05:01	1825.05	1177.85	92.1
372	04/01/92	18:10:01	1830.05	1177.84	92.1
373	04/01/92	18:15:01	1835.05	1177.84	92.1
374	04/01/92	18:20:01	1840.05	1177.85	92.1
375	04/01/92	18:25:01	1845.06	1177.84	92.1
376	04/01/92	18:30:01	1850.05	1177.83	92.1
377	04/01/92	18:35:01	1855.05	1177.84	92.1
378	04/01/92	18:40:01	1860.05	1177.83	92.1
379	04/01/92	18:45:01	1865.05	1177.83	92.0
380	04/01/92	18:50:01	1870.05	1177.83	92.0
381	04/01/92	18:55:01	1875.05	1177.83	92.0
382	04/01/92	19:00:01	1880.05	1177.82	92.0
383	04/01/92	19:05:01	1885.05	1177.83	92.0
384	04/01/92	19:10:01	1890.05	1177.82	92.0
385	04/01/92	19:15:01	1895.05	1177.82	92.0
386	04/01/92	19:20:01	1900.05	1177.83	92.0
387	04/01/92	19:25:01	1905.05	1177.82	92.0
388	04/01/92	19:30:01	1910.05	1177.83	92.0
389	04/01/92	19:35:01	1915.05	1177.83	92.0
390	04/01/92	19:40:01	1920.05	1177.83	92.0
391	04/01/92	19:45:01	1925.05	1177.83	92.0
392	04/01/92	19:50:01	1930.05	1177.83	92.0
393	04/01/92	19:55:01	1935.05	1177.83	92.0
394	04/01/92	20:00:01	1940.05	1177.83	92.0
395	04/01/92	20:05:01	1945.05	1177.83	92.0
396	04/01/92	20:10:01	1950.05	1177.83	92.0
397	04/01/92	20:15:01	1955.05	1177.83	92.0
398	04/01/92	20:20:01	1960.05	1177.83	92.0
399	04/01/92	20:25:01	1965.05	1177.84	92.0
400	04/01/92	20:30:01	1970.05	1177.84	92.0
401	04/01/92	20:35:01	1975.05	1177.84	92.0
402	04/01/92	20:40:01	1980.05	1177.84	92.0
403	04/01/92	20:45:01	1985.05	1177.84	91.9
404	04/01/92	20:50:01	1990.05	1177.85	91.9
405	04/01/92	20:55:01	1995.05	1177.85	91.9
406	04/01/92	21:00:01	2000.05	1177.85	91.9
407	04/01/92	21:05:01	2005.05	1177.86	91.9
408	04/01/92	21:10:01	2010.05	1177.87	91.9
409	04/01/92	21:15:01	2015.05	1177.86	91.9
410	04/01/92	21:20:01	2020.05	1177.87	91.9
411	04/01/92	21:25:01	2025.05	1177.87	91.9
412	04/01/92	21:30:01	2030.05	1177.87	91.9
413	04/01/92	21:35:01	2035.05	1177.88	91.9
414	04/01/92	21:40:01	2040.05	1177.88	91.9
415	04/01/92	21:45:01	2045.05	1177.89	91.9
416	04/01/92	21:50:01	2050.05	1177.89	91.9
417	04/01/92	21:55:01	2055.05	1177.89	91.9
418	04/01/92	22:00:01	2060.05	1177.89	91.9
419	04/01/92	22:05:01	2065.05	1177.89	91.9

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
420	04/01/92	22:10:01	2070.05	1177.90	91.9
421	04/01/92	22:15:01	2075.05	1177.90	91.9
422	04/01/92	22:20:01	2080.05	1177.89	91.9
423	04/01/92	22:25:01	2085.05	1177.90	91.9
424	04/01/92	22:30:01	2090.05	1177.91	91.9
425	04/01/92	22:35:01	2095.05	1177.90	91.9
426	04/01/92	22:40:01	2100.05	1177.90	91.9
427	04/01/92	22:45:01	2105.05	1177.91	91.9
428	04/01/92	22:50:01	2110.05	1177.92	91.9
429	04/01/92	22:55:01	2115.05	1177.92	91.9
430	04/01/92	23:00:01	2120.05	1177.92	91.9
431	04/01/92	23:05:01	2125.05	1177.92	91.9
432	04/01/92	23:10:01	2130.05	1177.92	91.9
433	04/01/92	23:15:01	2135.05	1177.92	91.9
434	04/01/92	23:20:01	2140.05	1177.93	91.9
435	04/01/92	23:25:01	2145.05	1177.93	91.9
436	04/01/92	23:30:01	2150.05	1177.93	91.9
437	04/01/92	23:35:01	2155.05	1177.93	91.9
438	04/01/92	23:40:01	2160.05	1177.93	91.9
439	04/01/92	23:45:01	2165.05	1177.93	91.9
440	04/01/92	23:50:01	2170.05	1177.93	91.9
441	04/01/92	23:55:01	2175.05	1177.93	91.9
442	04/02/92	00:00:01	2180.05	1177.92	91.9
443	04/02/92	00:05:01	2185.05	1177.93	91.9
444	04/02/92	00:10:01	2190.05	1177.92	91.9
445	04/02/92	00:15:01	2195.05	1177.93	91.9
446	04/02/92	00:20:01	2200.05	1177.92	91.9
447	04/02/92	00:25:01	2205.05	1177.92	91.9
448	04/02/92	00:30:01	2210.05	1177.92	91.9
449	04/02/92	00:35:01	2215.05	1177.92	91.9
450	04/02/92	00:40:01	2220.05	1177.92	91.9
451	04/02/92	00:45:01	2225.05	1177.92	91.9
452	04/02/92	00:50:01	2230.05	1177.91	91.9
453	04/02/92	00:55:01	2235.05	1177.91	91.9
454	04/02/92	01:00:01	2240.05	1177.90	91.9
455	04/02/92	01:05:01	2245.05	1177.90	91.9
456	04/02/92	01:10:01	2250.05	1177.90	91.9
457	04/02/92	01:15:01	2255.05	1177.90	91.9
458	04/02/92	01:20:01	2260.05	1177.89	91.9
459	04/02/92	01:25:01	2265.05	1177.89	91.9
460	04/02/92	01:30:01	2270.05	1177.89	91.9
461	04/02/92	01:35:01	2275.05	1177.89	91.9
462	04/02/92	01:40:01	2280.05	1177.88	91.9
463	04/02/92	01:45:01	2285.05	1177.88	91.9
464	04/02/92	01:50:01	2290.05	1177.87	91.9
465	04/02/92	01:55:01	2295.05	1177.87	91.9
466	04/02/92	02:00:01	2300.05	1177.87	91.9
467	04/02/92	02:05:01	2305.05	1177.86	91.9
468	04/02/92	02:10:01	2310.05	1177.86	91.9
469	04/02/92	02:15:01	2315.05	1177.86	91.9
470	04/02/92	02:20:01	2320.05	1177.85	91.9
471	04/02/92	02:25:01	2325.05	1177.85	91.9

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
472	04/02/92	02:30:01	2330.05	1177.84	91.9
473	04/02/92	02:35:01	2335.05	1177.84	91.9
474	04/02/92	02:40:01	2340.05	1177.84	91.9
475	04/02/92	02:45:01	2345.05	1177.83	91.9
476	04/02/92	02:50:01	2350.05	1177.83	91.9
477	04/02/92	02:55:01	2355.05	1177.82	91.9
478	04/02/92	03:00:01	2360.05	1177.82	91.9
479	04/02/92	03:05:01	2365.05	1177.81	91.9
480	04/02/92	03:10:01	2370.05	1177.81	91.9
481	04/02/92	03:15:01	2375.05	1177.81	91.9
482	04/02/92	03:20:01	2380.05	1177.80	91.9
483	04/02/92	03:25:01	2385.05	1177.80	91.9
484	04/02/92	03:30:01	2390.05	1177.80	91.9
485	04/02/92	03:35:01	2395.05	1177.79	91.9
486	04/02/92	03:40:01	2400.05	1177.79	91.9
487	04/02/92	03:45:01	2405.05	1177.78	91.9
488	04/02/92	03:50:01	2410.05	1177.79	91.9
489	04/02/92	03:55:01	2415.05	1177.78	91.9
490	04/02/92	04:00:01	2420.05	1177.78	91.9
491	04/02/92	04:05:01	2425.05	1177.78	91.9
492	04/02/92	04:10:01	2430.05	1177.77	91.9
493	04/02/92	04:15:01	2435.05	1177.76	91.9
494	04/02/92	04:20:01	2440.05	1177.76	91.9
495	04/02/92	04:25:01	2445.05	1177.76	91.9
496	04/02/92	04:30:01	2450.05	1177.76	91.9
497	04/02/92	04:35:01	2455.05	1177.75	91.9
498	04/02/92	04:40:01	2460.05	1177.76	91.9
499	04/02/92	04:45:01	2465.05	1177.75	91.9
500	04/02/92	04:50:01	2470.05	1177.75	91.9
501	04/02/92	04:55:01	2475.05	1177.74	91.9
502	04/02/92	05:00:01	2480.05	1177.74	91.9
503	04/02/92	05:05:01	2485.05	1177.73	91.9
504	04/02/92	05:10:01	2490.05	1177.73	91.9
505	04/02/92	05:15:01	2495.05	1177.74	91.9
506	04/02/92	05:20:01	2500.05	1177.73	91.9
507	04/02/92	05:25:01	2505.05	1177.73	91.9
508	04/02/92	05:30:01	2510.05	1177.73	91.9
509	04/02/92	05:35:01	2515.05	1177.72	91.9
510	04/02/92	05:40:01	2520.05	1177.72	91.9
511	04/02/92	05:45:01	2525.05	1177.72	91.9
512	04/02/92	05:50:01	2530.05	1177.73	91.9
513	04/02/92	05:55:01	2535.05	1177.72	91.9
514	04/02/92	06:00:01	2540.05	1177.72	91.9
515	04/02/92	06:05:01	2545.05	1177.72	91.9
516	04/02/92	06:10:01	2550.05	1177.72	91.9
517	04/02/92	06:15:01	2555.05	1177.73	91.9
518	04/02/92	06:20:01	2560.05	1177.72	91.9
519	04/02/92	06:25:01	2565.05	1177.73	91.9
520	04/02/92	06:30:01	2570.05	1177.72	91.9
521	04/02/92	06:35:01	2575.05	1177.73	91.9
522	04/02/92	06:40:01	2580.05	1177.72	91.9
523	04/02/92	06:45:01	2585.05	1177.72	91.9

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
524	04/02/92	06:50:01	2590.05	1177.73	91.9
525	04/02/92	06:55:01	2595.05	1177.73	91.9
526	04/02/92	06:56:26	2596.47	1177.73	91.9
527	04/02/92	06:56:36	2596.63	1177.73	91.9
528	04/02/92	06:56:46	2596.80	1177.74	91.9
529	04/02/92	06:56:56	2596.97	1177.75	91.9
530	04/02/92	06:57:06	2597.13	1177.74	91.9
531	04/02/92	06:57:16	2597.30	1177.75	92.0
532	04/02/92	06:57:26	2597.47	1177.75	92.0
533	04/02/92	06:57:36	2597.63	1177.75	92.0
534	04/02/92	06:57:46	2597.80	1177.75	92.0
535	04/02/92	06:57:56	2597.97	1177.76	92.0
536	04/02/92	06:58:06	2598.13	1177.75	92.0
537	04/02/92	06:58:16	2598.30	1177.75	92.0
538	04/02/92	06:58:26	2598.47	1177.75	92.0
539	04/02/92	06:58:36	2598.63	1177.76	92.0
540	04/02/92	06:58:46	2598.80	1177.76	92.0
541	04/02/92	06:58:56	2598.97	1177.76	92.0
542	04/02/92	06:59:06	2599.13	1177.76	92.0
543	04/02/92	06:59:16	2599.30	1177.76	92.0
544	04/02/92	06:59:26	2599.47	1177.76	92.0
545	04/02/92	06:59:36	2599.63	1177.76	92.0
546	04/02/92	06:59:46	2599.80	1177.77	92.0
547	04/02/92	06:59:56	2599.97	1177.76	92.0

INJECTION

548	04/02/92	07:00:06	2600.13	1177.77	92.0
549	04/02/92	07:00:16	2600.30	1177.77	92.0
550	04/02/92	07:00:26	2600.47	1177.77	92.0
551	04/02/92	07:00:36	2600.63	1177.77	92.0
552	04/02/92	07:00:46	2600.80	1177.77	92.0
553	04/02/92	07:00:56	2600.97	1177.77	92.0
554	04/02/92	07:01:06	2601.13	1177.77	92.0
555	04/02/92	07:01:16	2601.30	1177.77	92.0
556	04/02/92	07:01:26	2601.47	1177.77	92.0
557	04/02/92	07:01:36	2601.63	1177.77	92.1
558	04/02/92	07:01:46	2601.80	1175.30	92.1
559	04/02/92	07:01:56	2601.97	1176.12	92.1
560	04/02/92	07:02:06	2602.13	1176.84	92.1
561	04/02/92	07:02:16	2602.30	1177.51	92.1
562	04/02/92	07:02:26	2602.47	1179.48	92.1
563	04/02/92	07:02:36	2602.63	1180.65	92.1
564	04/02/92	07:02:46	2602.80	1180.10	92.1
565	04/02/92	07:02:56	2602.97	1178.19	92.1
566	04/02/92	07:03:06	2603.13	1177.91	92.1
567	04/02/92	07:03:16	2603.30	1178.93	92.1
568	04/02/92	07:03:26	2603.47	1179.27	92.1
569	04/02/92	07:03:36	2603.63	1179.88	92.1
570	04/02/92	07:03:46	2603.80	1180.97	92.1
571	04/02/92	07:03:56	2603.97	1180.18	92.1

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
572	04/02/92	07:04:06	2604.13	1180.49	92.1
573	04/02/92	07:04:16	2604.30	1180.81	92.1
574	04/02/92	07:04:26	2604.47	1181.16	92.1
575	04/02/92	07:04:36	2604.63	1181.40	92.1
576	04/02/92	07:04:46	2604.80	1181.20	92.1
577	04/02/92	07:04:56	2604.97	1181.81	92.1
578	04/02/92	07:05:06	2605.13	1182.05	92.1
579	04/02/92	07:05:16	2605.30	1182.24	92.1
580	04/02/92	07:05:26	2605.47	1182.71	92.1
581	04/02/92	07:05:36	2605.63	1183.11	92.1
582	04/02/92	07:05:46	2605.80	1183.56	92.0
583	04/02/92	07:05:56	2605.97	1183.85	92.0
584	04/02/92	07:06:06	2606.13	1184.19	92.0
585	04/02/92	07:06:16	2606.30	1184.29	92.0
586	04/02/92	07:06:26	2606.47	1183.25	92.0
587	04/02/92	07:06:36	2606.63	1184.63	92.0
588	04/02/92	07:06:46	2606.80	1184.65	92.0
589	04/02/92	07:06:56	2606.97	1184.56	91.9
590	04/02/92	07:07:06	2607.13	1184.16	91.9
591	04/02/92	07:07:16	2607.30	1184.31	91.9
592	04/02/92	07:07:26	2607.47	1184.37	91.9
593	04/02/92	07:07:36	2607.63	1184.43	91.8
594	04/02/92	07:07:46	2607.80	1184.50	91.8
595	04/02/92	07:07:56	2607.97	1184.56	91.7
596	04/02/92	07:08:06	2608.13	1184.63	91.7
597	04/02/92	07:08:16	2608.30	1184.71	91.6
598	04/02/92	07:08:26	2608.47	1184.76	91.6
599	04/02/92	07:08:36	2608.63	1184.84	91.5
600	04/02/92	07:08:46	2608.80	1184.90	91.5
601	04/02/92	07:08:56	2608.97	1184.76	91.4
602	04/02/92	07:09:06	2609.13	1184.34	91.3
603	04/02/92	07:09:16	2609.30	1184.96	91.3
604	04/02/92	07:09:26	2609.47	1184.74	91.2
605	04/02/92	07:09:36	2609.63	1184.81	91.1
606	04/02/92	07:09:46	2609.80	1184.87	91.0
607	04/02/92	07:09:56	2609.97	1184.92	91.0
608	04/02/92	07:10:06	2610.13	1184.99	90.9
609	04/02/92	07:10:16	2610.30	1185.04	90.8
610	04/02/92	07:10:26	2610.47	1185.10	90.7
611	04/02/92	07:10:36	2610.63	1185.15	90.6
612	04/02/92	07:10:46	2610.80	1185.20	90.5
613	04/02/92	07:10:56	2610.97	1185.26	90.4
614	04/02/92	07:11:06	2611.13	1185.35	90.3
615	04/02/92	07:11:16	2611.30	1185.40	90.2
616	04/02/92	07:11:26	2611.47	1185.44	90.1
617	04/02/92	07:11:36	2611.63	1185.62	90.0
618	04/02/92	07:11:46	2611.80	1185.39	89.9
619	04/02/92	07:11:56	2611.97	1185.21	89.8
620	04/02/92	07:12:06	2612.13	1184.99	89.7
621	04/02/92	07:12:16	2612.30	1184.65	89.6
622	04/02/92	07:12:26	2612.47	1184.42	89.4
623	04/02/92	07:12:36	2612.63	1184.21	89.3
624	04/02/92	07:12:46	2612.80	1183.97	89.2

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
625	04/02/92	07:12:56	2612.97	1183.59	89.0
626	04/02/92	07:13:06	2613.13	1183.43	88.9
627	04/02/92	07:13:16	2613.30	1183.16	88.7
628	04/02/92	07:13:26	2613.47	1182.88	88.6
629	04/02/92	07:13:36	2613.63	1182.62	88.4
630	04/02/92	07:13:46	2613.80	1182.36	88.3
631	04/02/92	07:13:56	2613.97	1182.10	88.1
632	04/02/92	07:14:06	2614.13	1181.88	88.0
633	04/02/92	07:14:16	2614.30	1181.68	87.8
634	04/02/92	07:14:26	2614.47	1181.51	87.6
635	04/02/92	07:14:36	2614.63	1181.39	87.5
636	04/02/92	07:14:46	2614.80	1181.34	87.3
637	04/02/92	07:14:56	2614.97	1181.31	87.2
638	04/02/92	07:15:06	2615.13	1181.31	87.0
639	04/02/92	07:15:16	2615.30	1181.30	86.8
640	04/02/92	07:15:26	2615.47	1181.31	86.7
641	04/02/92	07:15:36	2615.63	1181.32	86.5
642	04/02/92	07:15:46	2615.80	1181.31	86.4
643	04/02/92	07:15:56	2615.97	1181.30	86.2
644	04/02/92	07:16:06	2616.13	1181.29	86.1
645	04/02/92	07:16:16	2616.30	1181.27	85.9
646	04/02/92	07:16:26	2616.47	1181.26	85.7
647	04/02/92	07:16:36	2616.63	1181.24	85.6
648	04/02/92	07:16:46	2616.80	1181.23	85.4
649	04/02/92	07:16:56	2616.97	1181.20	85.3
650	04/02/92	07:17:06	2617.13	1181.19	85.1
651	04/02/92	07:17:16	2617.30	1181.16	85.0
652	04/02/92	07:17:26	2617.47	1181.15	84.8
653	04/02/92	07:17:36	2617.63	1181.12	84.7
654	04/02/92	07:17:46	2617.80	1181.10	84.6
655	04/02/92	07:17:56	2617.97	1181.08	84.4
656	04/02/92	07:18:06	2618.13	1181.05	84.3
657	04/02/92	07:18:16	2618.30	1181.04	84.1
658	04/02/92	07:18:26	2618.47	1181.00	84.0
659	04/02/92	07:18:36	2618.63	1180.99	83.9
660	04/02/92	07:18:46	2618.80	1180.95	83.7
661	04/02/92	07:18:56	2618.97	1180.92	83.6
662	04/02/92	07:19:06	2619.13	1180.91	83.5
663	04/02/92	07:19:16	2619.30	1180.87	83.3
664	04/02/92	07:19:26	2619.47	1180.86	83.2
665	04/02/92	07:19:36	2619.63	1180.82	83.1
666	04/02/92	07:19:46	2619.80	1180.79	83.0
667	04/02/92	07:19:56	2619.97	1180.76	82.8
668	04/02/92	07:20:06	2620.13	1180.73	82.7
669	04/02/92	07:20:16	2620.30	1180.70	82.6
670	04/02/92	07:20:26	2620.47	1180.68	82.5
671	04/02/92	07:20:36	2620.63	1180.64	82.4
672	04/02/92	07:20:46	2620.80	1180.63	82.2
673	04/02/92	07:20:56	2620.97	1180.58	82.1
674	04/02/92	07:21:06	2621.13	1180.56	82.0
675	04/02/92	07:21:16	2621.30	1180.54	81.9
676	04/02/92	07:21:26	2621.47	1180.51	81.8
677	04/02/92	07:21:36	2621.63	1180.46	81.7

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
678	04/02/92	07:21:46	2621.80	1180.45	81.6
679	04/02/92	07:21:56	2621.97	1180.41	81.5
680	04/02/92	07:22:06	2622.13	1180.39	81.4
681	04/02/92	07:22:16	2622.30	1180.37	81.3
682	04/02/92	07:22:26	2622.47	1180.33	81.2
683	04/02/92	07:22:36	2622.63	1180.32	81.1
684	04/02/92	07:22:46	2622.80	1180.29	81.0
685	04/02/92	07:22:56	2622.97	1180.26	80.9
686	04/02/92	07:23:06	2623.13	1180.23	80.8
687	04/02/92	07:23:16	2623.30	1180.20	80.7
688	04/02/92	07:23:26	2623.47	1180.18	80.6
689	04/02/92	07:23:36	2623.63	1180.16	80.5
690	04/02/92	07:23:46	2623.80	1180.13	80.4
691	04/02/92	07:23:56	2623.97	1180.10	80.3
692	04/02/92	07:24:06	2624.13	1180.08	80.2
693	04/02/92	07:24:16	2624.30	1180.05	80.2
694	04/02/92	07:24:26	2624.47	1180.03	80.1
695	04/02/92	07:24:36	2624.63	1180.00	80.0
696	04/02/92	07:24:46	2624.80	1179.99	79.9
697	04/02/92	07:24:56	2624.97	1179.96	79.8
698	04/02/92	07:25:06	2625.13	1179.94	79.7
699	04/02/92	07:25:16	2625.30	1179.90	79.7
700	04/02/92	07:25:26	2625.47	1179.90	79.6
701	04/02/92	07:25:36	2625.63	1179.87	79.5
702	04/02/92	07:25:46	2625.80	1179.84	79.4
703	04/02/92	07:25:56	2625.97	1179.83	79.3
704	04/02/92	07:26:06	2626.13	1179.81	79.3
705	04/02/92	07:26:16	2626.30	1179.79	79.2
706	04/02/92	07:26:26	2626.47	1179.76	79.1
707	04/02/92	07:26:36	2626.63	1179.75	79.1
708	04/02/92	07:26:39	2626.68	1179.73	79.0
709	04/02/92	07:27:39	2627.68	1179.61	78.6
710	04/02/92	07:28:39	2628.68	1179.51	78.2
711	04/02/92	07:29:39	2629.68	1179.41	77.8
712	04/02/92	07:30:39	2630.68	1179.32	77.5
713	04/02/92	07:31:39	2631.68	1179.25	77.2
714	04/02/92	07:32:39	2632.68	1179.17	76.9
715	04/02/92	07:33:39	2633.68	1179.12	76.7
716	04/02/92	07:34:39	2634.68	1179.00	76.4
717	04/02/92	07:35:39	2635.68	1178.87	76.2
718	04/02/92	07:36:39	2636.68	1178.93	76.0
719	04/02/92	07:37:39	2637.68	1178.86	75.8
720	04/02/92	07:38:39	2638.68	1178.79	75.7
721	04/02/92	07:39:39	2639.68	1178.77	75.5
722	04/02/92	07:40:39	2640.68	1178.74	75.4
723	04/02/92	07:41:39	2641.68	1178.70	75.3
724	04/02/92	07:42:39	2642.68	1178.68	75.1
725	04/02/92	07:43:39	2643.68	1178.65	75.0
726	04/02/92	07:44:39	2644.68	1178.63	74.9
727	04/02/92	07:45:39	2645.68	1178.62	74.8
728	04/02/92	07:46:39	2646.68	1178.60	74.7
729	04/02/92	07:47:39	2647.68	1178.59	74.7
730	04/02/92	07:48:39	2648.68	1178.57	74.6

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp, °F
731	04/02/92	07:49:39	2649.68	1178.55	74.5
732	04/02/92	07:50:39	2650.68	1178.53	74.5
733	04/02/92	07:51:39	2651.68	1178.52	74.4
734	04/02/92	07:52:39	2652.68	1178.52	74.3
735	04/02/92	07:53:39	2653.68	1178.52	74.3
736	04/02/92	07:54:39	2654.68	1178.51	74.2
737	04/02/92	07:55:39	2655.68	1178.50	74.2
738	04/02/92	07:56:39	2656.68	1178.49	74.1
739	04/02/92	07:57:39	2657.68	1178.48	74.1
740	04/02/92	07:58:39	2658.68	1178.47	74.0
741	04/02/92	07:59:39	2659.68	1178.47	74.0
742	04/02/92	08:00:20	2660.37	1178.47	74.0
743	04/02/92	08:05:20	2665.37	1178.42	73.8
744	04/02/92	08:10:20	2670.37	1178.41	73.7
745	04/02/92	08:15:20	2675.37	1178.40	73.6
746	04/02/92	08:20:20	2680.37	1178.40	73.6
747	04/02/92	08:25:20	2685.37	1178.39	73.6
748	04/02/92	08:30:20	2690.37	1178.38	73.5
749	04/02/92	08:35:20	2695.37	1178.40	73.5
750	04/02/92	08:40:20	2700.37	1178.39	73.5
751	04/02/92	08:45:20	2705.37	1178.40	73.5
752	04/02/92	08:50:20	2710.37	1178.41	73.5
753	04/02/92	08:55:20	2715.37	1178.39	73.5
754	04/02/92	09:00:20	2720.37	1178.39	73.5
755	04/02/92	09:05:20	2725.37	1178.40	73.5
756	04/02/92	09:10:20	2730.37	1178.41	73.5
757	04/02/92	09:15:20	2735.37	1178.41	73.5
758	04/02/92	09:20:20	2740.37	1178.42	73.5
759	04/02/92	09:25:20	2745.37	1178.42	73.5
760	04/02/92	09:30:20	2750.37	1178.42	73.5
761	04/02/92	09:35:20	2755.37	1178.43	73.5
762	04/02/92	09:40:20	2760.37	1178.44	73.5
763	04/02/92	09:45:20	2765.37	1178.43	73.5
764	04/02/92	09:50:20	2770.37	1178.44	73.6
765	04/02/92	09:55:20	2775.37	1178.44	73.6
766	04/02/92	10:00:20	2780.37	1178.45	73.6
767	04/02/92	10:05:20	2785.37	1178.45	73.6
768	04/02/92	10:10:20	2790.37	1178.46	73.6
769	04/02/92	10:15:20	2795.37	1178.47	73.6
770	04/02/92	10:20:20	2800.37	1178.47	73.6
771	04/02/92	10:25:20	2805.37	1178.48	73.6
772	04/02/92	10:30:20	2810.37	1178.47	73.6
773	04/02/92	10:35:20	2815.37	1178.48	73.6
774	04/02/92	10:40:20	2820.37	1178.50	73.6
775	04/02/92	10:45:20	2825.37	1178.49	73.6
776	04/02/92	10:50:20	2830.37	1178.51	73.6
777	04/02/92	10:55:20	2835.37	1178.49	73.6
778	04/02/92	11:00:20	2840.37	1178.50	73.6
779	04/02/92	11:05:20	2845.37	1178.50	73.6
780	04/02/92	11:10:20	2850.37	1178.50	73.7
781	04/02/92	11:15:20	2855.37	1178.50	73.7
782	04/02/92	11:20:20	2860.37	1178.52	73.7
783	04/02/92	11:25:20	2865.37	1178.50	73.7

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
784	04/02/92	11:30:20	2870.37	1178.52	73.7
785	04/02/92	11:35:20	2875.37	1178.51	73.8
786	04/02/92	11:40:20	2880.37	1178.51	73.8
787	04/02/92	11:45:20	2885.37	1178.52	73.8
788	04/02/92	11:50:20	2890.37	1178.49	73.8
789	04/02/92	11:55:20	2895.37	1178.53	73.8
790	04/02/92	12:00:20	2900.37	1178.51	73.9
791	04/02/92	12:05:20	2905.37	1178.52	73.9
792	04/02/92	12:10:20	2910.37	1178.52	73.9
793	04/02/92	12:15:20	2915.37	1178.53	73.9
794	04/02/92	12:20:20	2920.37	1178.54	73.9
795	04/02/92	12:25:20	2925.37	1178.54	74.0
796	04/02/92	12:30:20	2930.37	1178.55	74.0
797	04/02/92	12:35:20	2935.37	1178.56	74.0
798	04/02/92	12:40:20	2940.37	1178.55	74.0
799	04/02/92	12:45:20	2945.37	1178.54	74.1
800	04/02/92	12:50:20	2950.37	1178.57	74.1
801	04/02/92	12:55:20	2955.37	1178.50	74.2
802	04/02/92	13:00:20	2960.37	1178.56	74.2
803	04/02/92	13:05:20	2965.37	1178.58	74.3
804	04/02/92	13:10:20	2970.37	1178.55	74.3
805	04/02/92	13:15:20	2975.37	1178.54	74.4
806	04/02/92	13:20:20	2980.37	1178.59	74.4
807	04/02/92	13:25:20	2985.37	1178.62	74.4
808	04/02/92	13:30:20	2990.37	1178.60	74.4
809	04/02/92	13:35:20	2995.37	1178.58	74.4
810	04/02/92	13:40:20	3000.37	1178.58	74.5
811	04/02/92	13:45:20	3005.37	1178.61	74.5
812	04/02/92	13:50:20	3010.37	1178.60	74.5
813	04/02/92	13:55:20	3015.37	1178.62	74.5
814	04/02/92	14:00:20	3020.37	1178.61	74.5
815	04/02/92	14:05:20	3025.37	1178.60	74.5
816	04/02/92	14:10:20	3030.37	1178.52	74.5
817	04/02/92	14:15:20	3035.37	1178.52	74.6
818	04/02/92	14:20:20	3040.37	1178.50	74.6
819	04/02/92	14:25:20	3045.37	1178.51	74.6
820	04/02/92	14:30:20	3050.37	1178.48	74.8
821	04/02/92	14:35:20	3055.37	1178.49	74.9
822	04/02/92	14:40:20	3060.37	1178.52	74.9
823	04/02/92	14:45:20	3065.37	1178.52	75.0
824	04/02/92	14:50:20	3070.37	1178.55	75.0
825	04/02/92	14:55:20	3075.37	1178.56	74.9
826	04/02/92	15:00:20	3080.37	1178.56	74.9
827	04/02/92	15:05:20	3085.37	1178.54	74.9
828	04/02/92	15:10:20	3090.37	1178.53	74.9
829	04/02/92	15:15:20	3095.37	1178.50	75.0
830	04/02/92	15:20:20	3100.37	1178.62	74.9
831	04/02/92	15:25:20	3105.37	1178.58	75.0
832	04/02/92	15:30:20	3110.37	1178.61	74.9
833	04/02/92	15:35:20	3115.37	1178.59	74.9
834	04/02/92	15:40:20	3120.37	1178.59	74.9
835	04/02/92	15:45:20	3125.37	1178.60	74.9
836	04/02/92	15:50:20	3130.37	1178.57	74.8

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
837	04/02/92	15:55:20	3135.37	1178.57	74.8
838	04/02/92	16:00:20	3140.37	1178.51	74.9
839	04/02/92	16:05:20	3145.37	1178.52	74.9
840	04/02/92	16:10:20	3150.37	1178.53	74.9
841	04/02/92	16:15:20	3155.37	1178.54	74.9
842	04/02/92	16:20:20	3160.37	1178.51	75.0
843	04/02/92	16:25:20	3165.37	1178.49	75.0
844	04/02/92	16:30:20	3170.37	1178.51	75.0
845	04/02/92	16:35:20	3175.37	1178.50	75.1
846	04/02/92	16:40:20	3180.37	1178.50	75.1
847	04/02/92	16:45:20	3185.37	1178.51	75.1
848	04/02/92	16:50:20	3190.37	1178.50	75.0
849	04/02/92	16:55:20	3195.37	1178.50	75.0
850	04/02/92	17:00:20	3200.37	1178.46	75.0
851	04/02/92	17:05:20	3205.37	1178.47	75.0
852	04/02/92	17:10:20	3210.37	1178.46	75.0
853	04/02/92	17:15:20	3215.37	1178.45	74.9
854	04/02/92	17:20:20	3220.37	1178.44	75.0
855	04/02/92	17:25:20	3225.37	1178.43	74.9
856	04/02/92	17:30:20	3230.37	1178.45	74.9
857	04/02/92	17:35:20	3235.37	1178.44	74.9
858	04/02/92	17:40:20	3240.37	1178.41	74.9
859	04/02/92	17:45:20	3245.37	1178.42	74.9
860	04/02/92	17:50:20	3250.37	1178.41	74.9
861	04/02/92	17:55:20	3255.37	1178.40	74.8
862	04/02/92	18:00:20	3260.37	1178.39	74.8
863	04/02/92	18:05:20	3265.37	1178.38	74.9
864	04/02/92	18:10:20	3270.37	1178.38	74.9
865	04/02/92	18:15:20	3275.37	1178.38	74.9
866	04/02/92	18:20:20	3280.37	1178.39	75.0
867	04/02/92	18:25:20	3285.37	1178.39	75.0
868	04/02/92	18:30:20	3290.37	1178.35	75.1
869	04/02/92	18:35:20	3295.37	1178.41	75.1
870	04/02/92	18:40:20	3300.37	1178.40	75.1
871	04/02/92	18:45:20	3305.37	1178.41	75.1
872	04/02/92	18:50:20	3310.37	1178.39	75.1
873	04/02/92	18:55:20	3315.37	1178.38	75.1
874	04/02/92	19:00:20	3320.37	1178.41	75.0
875	04/02/92	19:05:20	3325.37	1178.41	75.0
876	04/02/92	19:10:20	3330.37	1178.37	75.0
877	04/02/92	19:15:20	3335.37	1178.41	75.0
878	04/02/92	19:20:20	3340.37	1178.38	75.0
879	04/02/92	19:25:20	3345.37	1178.36	75.0
880	04/02/92	19:30:20	3350.37	1178.41	75.0
881	04/02/92	19:35:20	3355.37	1178.43	75.1
882	04/02/92	19:40:20	3360.37	1178.42	75.0
883	04/02/92	19:45:20	3365.37	1178.40	75.1
884	04/02/92	19:50:20	3370.37	1178.41	75.0
885	04/02/92	19:55:20	3375.37	1178.40	75.0
886	04/02/92	20:00:20	3380.37	1178.40	75.0
887	04/02/92	20:05:20	3385.37	1178.39	75.0
888	04/02/92	20:10:20	3390.37	1178.44	75.0
889	04/02/92	20:15:20	3395.37	1178.42	75.0

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
890	04/02/92	20:20:20	3400.37	1178.40	74.9
891	04/02/92	20:25:20	3405.37	1178.40	74.9
892	04/02/92	20:30:20	3410.37	1178.43	74.9
893	04/02/92	20:35:20	3415.37	1178.41	74.9
894	04/02/92	20:40:20	3420.37	1178.43	74.9
895	04/02/92	20:45:20	3425.37	1178.43	74.9
896	04/02/92	20:50:20	3430.37	1178.42	74.9
897	04/02/92	20:55:20	3435.37	1178.44	74.9
898	04/02/92	21:00:20	3440.37	1178.43	74.9
899	04/02/92	21:05:20	3445.37	1178.44	74.8
900	04/02/92	21:10:20	3450.37	1178.44	74.8
901	04/02/92	21:15:20	3455.37	1178.45	74.8
902	04/02/92	21:20:20	3460.37	1178.45	74.7
903	04/02/92	21:25:20	3465.37	1178.46	74.7
904	04/02/92	21:30:20	3470.37	1178.44	74.7
905	04/02/92	21:35:20	3475.37	1178.45	74.6
906	04/02/92	21:40:20	3480.37	1178.46	74.6
907	04/02/92	21:45:20	3485.37	1178.45	74.5
908	04/02/92	21:50:20	3490.37	1178.45	74.5
909	04/02/92	21:55:20	3495.37	1178.45	74.4
910	04/02/92	22:00:20	3500.37	1178.44	74.4
911	04/02/92	22:05:20	3505.37	1178.43	74.4
912	04/02/92	22:10:20	3510.37	1178.43	74.3
913	04/02/92	22:15:20	3515.37	1178.43	74.3
914	04/02/92	22:20:20	3520.37	1178.45	74.3
915	04/02/92	22:25:20	3525.37	1178.45	74.2
916	04/02/92	22:30:20	3530.37	1178.44	74.2
917	04/02/92	22:35:20	3535.37	1178.45	74.2
918	04/02/92	22:40:20	3540.37	1178.45	74.1
919	04/02/92	22:45:20	3545.37	1178.44	74.1
920	04/02/92	22:50:20	3550.37	1178.44	74.1
921	04/02/92	22:55:20	3555.37	1178.45	74.1
922	04/02/92	23:00:20	3560.37	1178.46	74.0
923	04/02/92	23:05:20	3565.37	1178.45	74.0
924	04/02/92	23:10:20	3570.37	1178.46	73.9
925	04/02/92	23:15:20	3575.37	1178.45	73.9
926	04/02/92	23:20:20	3580.37	1178.45	73.9
927	04/02/92	23:25:20	3585.37	1178.45	73.9
928	04/02/92	23:30:20	3590.37	1178.45	73.8
929	04/02/92	23:35:20	3595.37	1178.45	73.8
930	04/02/92	23:40:20	3600.37	1178.43	73.8
931	04/02/92	23:45:20	3605.37	1178.45	73.7
932	04/02/92	23:50:20	3610.37	1178.44	73.7
933	04/02/92	23:55:20	3615.37	1178.46	73.7
934	04/03/92	00:00:20	3620.37	1178.47	73.7
935	04/03/92	00:05:20	3625.37	1178.45	73.7
936	04/03/92	00:10:20	3630.37	1178.45	73.6
937	04/03/92	00:15:20	3635.37	1178.43	73.6
938	04/03/92	00:20:20	3640.37	1178.45	73.6
939	04/03/92	00:25:20	3645.37	1178.44	73.6
940	04/03/92	00:30:20	3650.37	1178.46	73.6
941	04/03/92	00:35:20	3655.37	1178.45	73.6
942	04/03/92	00:40:20	3660.37	1178.44	73.6

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp, °F
943	04/03/92	00:45:20	3665.37	1178.45	73.6
944	04/03/92	00:50:20	3670.37	1178.45	73.6
945	04/03/92	00:55:20	3675.37	1178.44	73.6
946	04/03/92	01:00:20	3680.37	1178.45	73.6
947	04/03/92	01:05:20	3685.37	1178.43	73.6
948	04/03/92	01:10:20	3690.37	1178.44	73.6
949	04/03/92	01:15:20	3695.37	1178.44	73.5
950	04/03/92	01:20:20	3700.37	1178.44	73.5
951	04/03/92	01:25:20	3705.37	1178.42	73.5
952	04/03/92	01:30:20	3710.37	1178.43	73.4
953	04/03/92	01:35:20	3715.37	1178.41	73.4
954	04/03/92	01:40:20	3720.37	1178.40	73.4
955	04/03/92	01:45:20	3725.37	1178.41	73.3
956	04/03/92	01:50:20	3730.37	1178.40	73.3
957	04/03/92	01:55:20	3735.37	1178.37	73.3
958	04/03/92	02:00:20	3740.37	1178.37	73.3
959	04/03/92	02:05:20	3745.37	1178.39	73.3
960	04/03/92	02:10:20	3750.37	1178.34	73.3
961	04/03/92	02:15:20	3755.37	1178.38	73.3
962	04/03/92	02:20:20	3760.37	1178.36	73.3
963	04/03/92	02:25:20	3765.37	1178.35	73.3
964	04/03/92	02:30:20	3770.37	1178.35	73.3
965	04/03/92	02:35:20	3775.37	1178.35	73.3
966	04/03/92	02:40:20	3780.37	1178.35	73.3
967	04/03/92	02:45:20	3785.37	1178.35	73.3
968	04/03/92	02:50:20	3790.37	1178.34	73.3
969	04/03/92	02:55:20	3795.37	1178.32	73.2
970	04/03/92	03:00:20	3800.37	1178.31	73.2
971	04/03/92	03:05:20	3805.37	1178.31	73.2
972	04/03/92	03:10:20	3810.37	1178.30	73.2
973	04/03/92	03:15:20	3815.37	1178.29	73.2
974	04/03/92	03:20:20	3820.37	1178.29	73.2
975	04/03/92	03:25:20	3825.37	1178.28	73.2
976	04/03/92	03:30:20	3830.37	1178.27	73.1
977	04/03/92	03:35:20	3835.37	1178.27	73.1
978	04/03/92	03:40:20	3840.37	1178.27	73.1
979	04/03/92	03:45:20	3845.37	1178.27	73.1
980	04/03/92	03:50:20	3850.37	1178.26	73.0
981	04/03/92	03:55:20	3855.37	1178.24	73.0
982	04/03/92	04:00:20	3860.37	1178.24	73.0
983	04/03/92	04:05:20	3865.37	1178.26	73.0
984	04/03/92	04:10:20	3870.37	1178.24	73.0
985	04/03/92	04:15:20	3875.37	1178.22	73.0
986	04/03/92	04:20:20	3880.37	1178.24	73.0
987	04/03/92	04:25:20	3885.37	1178.22	72.9
988	04/03/92	04:30:20	3890.37	1178.24	72.9
989	04/03/92	04:35:20	3895.37	1178.20	72.9
990	04/03/92	04:40:20	3900.37	1178.20	72.9
991	04/03/92	04:45:20	3905.37	1178.22	72.9
992	04/03/92	04:50:20	3910.37	1178.24	72.8
993	04/03/92	04:55:20	3915.37	1178.20	72.8
994	04/03/92	05:00:20	3920.37	1178.19	72.8
996	04/03/92	05:05:20	3925.37	1178.22	72.8

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
996	04/03/92	05:10:20	3930.37	1178.20	72.7
997	04/03/92	05:15:20	3935.37	1178.20	72.7
998	04/03/92	05:20:20	3940.37	1178.14	72.7
999	04/03/92	05:25:20	3945.37	1178.15	72.7
1000	04/03/92	05:30:20	3950.37	1178.20	72.7
1001	04/03/92	05:35:20	3955.37	1178.20	72.6
1002	04/03/92	05:40:20	3960.37	1178.20	72.6
1003	04/03/92	05:45:20	3965.37	1178.13	72.6
1004	04/03/92	05:50:20	3970.37	1178.13	72.6
1005	04/03/92	05:55:20	3975.37	1178.13	72.6
1006	04/03/92	06:00:20	3980.37	1178.09	72.7
1007	04/03/92	06:05:20	3985.37	err	72.8
1008	04/03/92	06:10:20	3990.37	1178.11	72.8
1009	04/03/92	06:15:20	3995.37	1178.11	72.9
1010	04/03/92	06:20:20	4000.37	1178.14	72.9
1011	04/03/92	06:25:20	4005.37	1178.12	72.8
1012	04/03/92	06:30:20	4010.37	1178.13	72.8
1013	04/03/92	06:35:20	4015.37	1178.15	72.8
1014	04/03/92	06:40:20	4020.37	1178.15	72.8
1015	04/03/92	06:45:20	4025.37	1178.16	72.8
1016	04/03/92	06:50:20	4030.37	1178.10	72.8
1017	04/03/92	06:55:20	4035.37	1178.17	72.7
1018	04/03/92	06:56:39	4036.68	1178.18	72.7
1019	04/03/92	06:56:49	4036.85	1178.17	72.7
1020	04/03/92	06:56:59	4037.02	1178.17	72.7
1021	04/03/92	06:57:09	4037.18	1178.17	72.7
1022	04/03/92	06:57:19	4037.35	1178.17	72.7
1023	04/03/92	06:57:29	4037.52	1178.16	72.7
1024	04/03/92	06:57:39	4037.68	1178.18	72.7
1025	04/03/92	06:57:49	4037.85	1178.18	72.7
1026	04/03/92	06:57:59	4038.02	1178.17	72.7
1027	04/03/92	06:58:09	4038.18	1178.19	72.7
1028	04/03/92	06:58:19	4038.35	1178.17	72.7
1029	04/03/92	06:58:29	4038.52	1178.17	72.7
1030	04/03/92	06:58:39	4038.68	1178.17	72.8
1031	04/03/92	06:58:49	4038.85	1178.17	72.8
1032	04/03/92	06:58:59	4039.02	1178.16	72.8
1033	04/03/92	06:59:09	4039.18	1178.17	72.8
1034	04/03/92	06:59:19	4039.35	1178.17	72.8
1035	04/03/92	06:59:29	4039.52	1178.17	72.8
1036	04/03/92	06:59:39	4039.68	1178.16	72.8
1037	04/03/92	06:59:49	4039.85	1178.15	72.8

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
			RECOVERY		
1038	04/03/92	06:59:59	4040.02	1178.15	72.8
1039	04/03/92	07:00:09	4040.18	1178.17	72.8
1040	04/03/92	07:00:19	4040.35	1178.15	72.8
1041	04/03/92	07:00:29	4040.52	1176.25	72.8
1042	04/03/92	07:00:39	4040.68	1175.33	72.8
1043	04/03/92	07:00:49	4040.85	1189.65	72.8
1044	04/03/92	07:00:59	4041.02	1175.68	72.8
1045	04/03/92	07:01:09	4041.18	1179.27	72.8
1046	04/03/92	07:01:19	4041.35	1175.95	72.8
1047	04/03/92	07:01:29	4041.52	1176.51	72.8
1048	04/03/92	07:01:39	4041.68	1176.87	72.8
1049	04/03/92	07:01:49	4041.85	1176.36	72.8
1050	04/03/92	07:01:59	4042.02	1176.59	72.8
1051	04/03/92	07:02:09	4042.18	1177.48	72.8
1052	04/03/92	07:02:19	4042.35	1176.98	72.8
1053	04/03/92	07:02:29	4042.52	1176.72	72.8
1054	04/03/92	07:02:39	4042.68	1176.83	72.8
1055	04/03/92	07:02:49	4042.85	1177.07	72.8
1056	04/03/92	07:02:59	4043.02	1176.92	72.8
1057	04/03/92	07:03:09	4043.18	1176.85	72.8
1058	04/03/92	07:03:19	4043.35	1176.95	72.8
1059	04/03/92	07:03:29	4043.52	1176.95	72.8
1060	04/03/92	07:03:39	4043.68	1176.89	72.8
1061	04/03/92	07:03:49	4043.85	1176.92	72.8
1062	04/03/92	07:03:59	4044.02	1176.94	72.8
1063	04/03/92	07:04:09	4044.18	1176.90	72.8
1064	04/03/92	07:04:19	4044.35	1176.92	72.8
1065	04/03/92	07:04:29	4044.52	1176.93	72.8
1066	04/03/92	07:04:39	4044.68	1176.92	72.8
1067	04/03/92	07:04:49	4044.85	1176.92	72.8
1068	04/03/92	07:04:59	4045.02	1176.93	72.8
1069	04/03/92	07:05:09	4045.18	1176.92	72.8
1070	04/03/92	07:05:19	4045.35	1176.93	72.8
1071	04/03/92	07:05:29	4045.52	1176.93	72.8
1072	04/03/92	07:05:39	4045.68	1176.93	72.8
1073	04/03/92	07:05:49	4045.85	1176.93	72.8
1074	04/03/92	07:05:59	4046.02	1176.92	72.9
1075	04/03/92	07:06:09	4046.18	1176.92	72.9
1076	04/03/92	07:06:19	4046.35	1176.94	72.8
1077	04/03/92	07:06:29	4046.52	1176.93	72.9
1078	04/03/92	07:06:39	4046.68	1176.93	72.9
1079	04/03/92	07:06:49	4046.85	1176.93	72.9
1080	04/03/92	07:06:59	4047.02	1176.93	72.9
1081	04/03/92	07:07:09	4047.18	1176.93	72.9
1082	04/03/92	07:07:19	4047.35	1176.93	72.9
1083	04/03/92	07:07:29	4047.52	1176.93	72.9
1084	04/03/92	07:07:39	4047.68	1176.92	72.9
1085	04/03/92	07:07:49	4047.85	1176.93	72.9
1086	04/03/92	07:07:59	4048.02	1176.93	72.9
1087	04/03/92	07:08:09	4048.18	1176.93	72.9
1088	04/03/92	07:08:19	4048.35	1176.94	72.9
1089	04/03/92	07:08:29	4048.52	1176.94	72.9

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
1090	04/03/92	07:08:39	4048.68	1176.94	72.9
1091	04/03/92	07:08:49	4048.85	1176.93	72.9
1092	04/03/92	07:08:59	4049.02	1176.94	72.9
1093	04/03/92	07:09:09	4049.18	1176.93	72.9
1094	04/03/92	07:09:19	4049.35	1176.94	72.9
1095	04/03/92	07:09:29	4049.52	1176.94	72.9
1096	04/03/92	07:09:39	4049.68	1176.94	72.9
1097	04/03/92	07:09:49	4049.85	1176.94	72.9
1098	04/03/92	07:09:59	4050.02	1176.94	72.9
1099	04/03/92	07:10:09	4050.18	1176.94	72.9
1100	04/03/92	07:10:19	4050.35	1176.94	72.9
1101	04/03/92	07:10:29	4050.52	1176.94	72.9
1102	04/03/92	07:10:39	4050.68	1176.94	72.9
1103	04/03/92	07:10:49	4050.85	1176.94	72.9
1104	04/03/92	07:10:59	4051.02	1176.94	72.9
1105	04/03/92	07:11:09	4051.18	1176.94	72.9
1106	04/03/92	07:11:19	4051.35	1176.94	72.9
1107	04/03/92	07:11:29	4051.52	1176.94	72.9
1108	04/03/92	07:11:39	4051.68	1176.94	72.9
1109	04/03/92	07:11:49	4051.85	1176.94	72.9
1110	04/03/92	07:11:59	4052.02	1176.95	72.9
1111	04/03/92	07:12:09	4052.18	1176.94	72.9
1112	04/03/92	07:12:19	4052.35	1176.94	72.9
1113	04/03/92	07:12:29	4052.52	1176.95	72.9
1114	04/03/92	07:12:39	4052.68	1176.94	72.9
1115	04/03/92	07:12:49	4052.85	1176.95	72.9
1116	04/03/92	07:12:59	4053.02	1176.95	72.9
1117	04/03/92	07:13:09	4053.18	1176.95	72.9
1118	04/03/92	07:13:19	4053.35	1176.95	72.9
1119	04/03/92	07:13:29	4053.52	1176.95	72.9
1120	04/03/92	07:13:39	4053.68	1176.95	72.9
1121	04/03/92	07:13:49	4053.85	1176.95	72.9
1122	04/03/92	07:13:59	4054.02	1176.94	72.9
1123	04/03/92	07:14:09	4054.18	1176.95	72.9
1124	04/03/92	07:14:19	4054.35	1176.95	72.9
1125	04/03/92	07:14:29	4054.52	1176.96	72.9
1126	04/03/92	07:14:39	4054.68	1176.95	72.9
1127	04/03/92	07:14:49	4054.85	1176.96	72.9
1128	04/03/92	07:14:59	4055.02	1176.95	72.9
1129	04/03/92	07:15:09	4055.18	1176.95	72.9
1130	04/03/92	07:15:19	4055.35	1176.96	72.9
1131	04/03/92	07:15:29	4055.52	1176.96	72.9
1132	04/03/92	07:15:39	4055.68	1176.96	72.9
1133	04/03/92	07:15:49	4055.85	1176.95	72.9
1134	04/03/92	07:15:59	4056.02	1176.96	72.9
1135	04/03/92	07:16:09	4056.18	1176.96	72.9
1136	04/03/92	07:16:19	4056.35	1176.96	72.9
1137	04/03/92	07:16:29	4056.52	1176.96	72.9
1138	04/03/92	07:16:39	4056.68	1176.96	72.9
1139	04/03/92	07:16:49	4056.85	1176.96	72.9
1140	04/03/92	07:16:59	4057.02	1176.96	72.9
1141	04/03/92	07:17:09	4057.18	1176.96	72.9

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
1142	04/03/92	07:17:19	4057.35	1176.96	72.9
1143	04/03/92	07:17:29	4057.52	1176.96	72.9
1144	04/03/92	07:17:39	4057.68	1176.96	72.9
1145	04/03/92	07:17:49	4057.85	1176.96	72.9
1146	04/03/92	07:17:59	4058.02	1176.96	72.9
1147	04/03/92	07:18:09	4058.18	1176.96	72.9
1148	04/03/92	07:18:19	4058.35	1176.96	72.9
1149	04/03/92	07:18:29	4058.52	1176.96	72.9
1150	04/03/92	07:18:39	4058.68	1176.95	73.0
1151	04/03/92	07:18:49	4058.85	1176.96	73.0
1152	04/03/92	07:18:59	4059.02	1176.96	72.9
1153	04/03/92	07:19:09	4059.18	1176.96	73.0
1154	04/03/92	07:19:19	4059.35	1176.96	73.0
1155	04/03/92	07:19:29	4059.52	1176.96	73.0
1156	04/03/92	07:19:39	4059.68	1176.96	73.0
1157	04/03/92	07:19:49	4059.85	1176.97	72.9
1158	04/03/92	07:19:59	4060.02	1176.97	73.0
1159	04/03/92	07:20:09	4060.18	1176.96	73.0
1160	04/03/92	07:20:19	4060.35	1176.96	73.0
1161	04/03/92	07:20:29	4060.52	1176.95	73.0
1162	04/03/92	07:20:39	4060.68	1176.96	73.0
1163	04/03/92	07:20:49	4060.85	1176.97	73.0
1164	04/03/92	07:20:59	4061.02	1176.97	73.0
1165	04/03/92	07:21:09	4061.18	1176.97	73.0
1166	04/03/92	07:21:19	4061.35	1176.96	73.0
1167	04/03/92	07:21:29	4061.52	1176.96	73.0
1168	04/03/92	07:21:39	4061.68	1176.97	73.0
1169	04/03/92	07:21:49	4061.85	1176.97	73.0
1170	04/03/92	07:21:59	4062.02	1176.97	73.0
1171	04/03/92	07:22:09	4062.18	1176.96	73.0
1172	04/03/92	07:22:19	4062.35	1176.96	73.0
1173	04/03/92	07:22:29	4062.52	1176.96	73.0
1174	04/03/92	07:22:39	4062.68	1176.96	73.0
1175	04/03/92	07:22:49	4062.85	1176.97	73.0
1176	04/03/92	07:22:59	4063.02	1176.97	73.0
1177	04/03/92	07:23:09	4063.18	1176.96	73.0
1178	04/03/92	07:23:19	4063.35	1176.97	73.0
1179	04/03/92	07:23:29	4063.52	1176.97	73.0
1180	04/03/92	07:23:39	4063.68	1176.97	73.0
1181	04/03/92	07:23:49	4063.85	1176.97	73.0
1182	04/03/92	07:23:59	4064.02	1176.98	73.0
1183	04/03/92	07:24:09	4064.18	1176.97	73.0
1184	04/03/92	07:24:19	4064.35	1176.98	73.0
1185	04/03/92	07:24:29	4064.52	1176.97	73.0
1186	04/03/92	07:24:39	4064.68	1176.96	73.0
1187	04/03/92	07:24:49	4064.85	1176.98	73.0
1188	04/03/92	07:24:59	4065.02	1176.97	73.0
1189	04/03/92	07:25:09	4065.18	1176.98	73.0
1190	04/03/92	07:25:19	4065.35	1176.98	73.0
1191	04/03/92	07:25:29	4065.52	1176.98	73.0
1192	04/03/92	07:25:39	4065.68	1176.98	73.0
1193	04/03/92	07:25:49	4065.85	1176.98	73.0

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
1194	04/03/92	07:25:59	4066.02	1176.98	73.0
1195	04/03/92	07:26:03	4066.08	1176.98	73.0
1196	04/03/92	07:27:03	4067.08	1176.97	73.0
1197	04/03/92	07:28:03	4068.08	1176.97	73.0
1198	04/03/92	07:29:03	4069.08	1176.97	73.0
1199	04/03/92	07:30:03	4070.08	1176.96	72.9
1200	04/03/92	07:31:03	4071.08	1176.96	72.9
1201	04/03/92	07:32:03	4072.08	1176.95	72.9
1202	04/03/92	07:33:03	4073.08	1176.94	72.9
1203	04/03/92	07:34:03	4074.08	1176.95	72.9
1204	04/03/92	07:35:03	4075.08	1176.94	73.0
1205	04/03/92	07:36:03	4076.08	1176.94	73.0
1206	04/03/92	07:37:03	4077.08	1176.94	73.0
1207	04/03/92	07:38:03	4078.08	1176.94	73.0
1208	04/03/92	07:39:03	4079.08	1176.94	73.0
1209	04/03/92	07:40:03	4080.08	1176.93	73.0
1210	04/03/92	07:41:03	4081.08	1176.93	73.0
1211	04/03/92	07:42:03	4082.08	1176.93	73.0
1212	04/03/92	07:43:03	4083.08	1176.94	73.0
1213	04/03/92	07:44:03	4084.08	1176.94	73.0
1214	04/03/92	07:45:03	4085.08	1176.95	73.0
1215	04/03/92	07:46:03	4086.08	1176.95	73.1
1216	04/03/92	07:47:03	4087.08	1176.95	73.1
1217	04/03/92	07:48:03	4088.08	1176.95	73.1
1218	04/03/92	07:49:03	4089.08	1176.95	73.1
1219	04/03/92	07:50:03	4090.08	1176.95	73.1
1220	04/03/92	07:51:03	4091.08	1176.96	73.1
1221	04/03/92	07:52:03	4092.08	1176.95	73.1
1222	04/03/92	07:53:03	4093.08	1176.96	73.1
1223	04/03/92	07:54:03	4094.08	1176.96	73.1
1224	04/03/92	07:55:03	4095.08	1176.96	73.2
1225	04/03/92	07:56:03	4096.08	1176.96	73.2
1226	04/03/92	07:57:03	4097.08	1176.96	73.2
1227	04/03/92	07:58:03	4098.08	1176.96	73.2
1228	04/03/92	07:59:03	4099.08	1176.96	73.2
1229	04/03/92	08:00:03	4100.08	1176.97	73.2
1230	04/03/92	08:01:03	4101.08	1176.97	73.2
1231	04/03/92	08:02:03	4102.08	1176.98	73.3
1232	04/03/92	08:03:03	4103.08	1176.97	73.3
1233	04/03/92	08:04:03	4104.08	1176.97	73.3
1234	04/03/92	08:05:03	4105.08	1176.98	73.3
1235	04/03/92	08:06:03	4106.08	1176.98	73.3
1236	04/03/92	08:07:03	4107.08	1176.99	73.3
1237	04/03/92	08:08:03	4108.08	1177.00	73.3
1238	04/03/92	08:09:03	4109.08	1176.99	73.4
1239	04/03/92	08:10:03	4110.08	1177.00	73.4
1240	04/03/92	08:10:13	4110.25	1177.00	73.4
1241	04/03/92	08:15:13	4115.25	1176.99	73.4
1242	04/03/92	08:20:13	4120.25	1176.98	73.5
1243	04/03/92	08:25:13	4125.25	1177.00	73.6
1244	04/03/92	08:30:13	4130.25	1177.01	73.7
1245	04/03/92	08:35:13	4135.25	1177.02	73.8

Log#	Date	Real Time	Elapsed Time	Hole Pressure	Bottom Hole Temp. °F
1246	04/03/92	08:40:13	4140.25	1177.04	73.9
1247	04/03/92	08:45:13	4145.25	1177.05	74.0
1248	04/03/92	08:50:13	4150.25	1177.05	74.1
1249	04/03/92	08:55:13	4155.25	1177.06	74.2
1250	04/03/92	09:00:13	4160.25	1177.06	74.3
1251	04/03/92	09:05:13	4165.25	1177.08	74.4
1252	04/03/92	09:10:13	4170.25	1177.11	74.5
1253	04/03/92	09:15:13	4175.25	1177.11	74.5
1254	04/03/92	09:20:13	4180.25	1177.12	74.6
1255	04/03/92	09:25:13	4185.25	1177.16	74.7
1256	04/03/92	09:30:13	4190.25	1177.17	74.7
1257	04/03/92	09:35:13	4195.25	1177.13	74.8
1258	04/03/92	09:40:13	4200.25	1177.15	75.0
1259	04/03/92	09:45:13	4205.25	1177.16	75.1
1260	04/03/92	09:50:13	4210.25	1177.17	75.2
1261	04/03/92	09:55:13	4215.25	1177.19	75.3
1262	04/03/92	10:00:13	4220.25	1177.22	75.4
1263	04/03/92	10:05:13	4225.25	1177.23	75.4
1264	04/03/92	10:10:13	4230.25	1177.22	75.5
1265	04/03/92	10:15:13	4235.25	1177.24	75.6
1266	04/03/92	10:20:13	4240.25	1177.25	75.7
1267	04/03/92	10:25:13	4245.25	1177.29	75.8
1268	04/03/92	10:30:13	4250.25	1177.26	75.9
1269	04/03/92	10:35:13	4255.25	1177.27	76.0
1270	04/03/92	10:40:13	4260.25	1177.25	76.1
1271	04/03/92	10:45:13	4265.25	1177.29	76.2
1272	04/03/92	10:50:13	4270.25	1177.32	76.3
1273	04/03/92	10:55:13	4275.25	1177.35	76.3
1274	04/03/92	11:00:13	4280.25	1177.37	76.4
1275	04/03/92	11:05:13	4285.25	1177.32	76.4
1276	04/03/92	11:10:13	4290.25	1177.34	76.6
1277	04/03/92	11:15:13	4295.25	1177.37	76.6
1278	04/03/92	11:20:13	4300.25	1177.34	76.7
1279	04/03/92	11:25:13	4305.25	1177.38	76.8
1280	04/03/92	11:30:13	4310.25	1177.38	76.8
1281	04/03/92	11:35:13	4315.25	1177.41	76.9
1282	04/03/92	11:40:13	4320.25	1177.38	76.9
1283	04/03/92	11:45:13	4325.25	1177.37	77.0
1284	04/03/92	11:50:13	4330.25	1177.44	77.1
1285	04/03/92	11:55:13	4335.25	1177.41	77.1
1286	04/03/92	12:00:13	4340.25	1177.42	77.2
1287	04/03/92	12:05:13	4345.25	1177.44	77.3
1288	04/03/92	12:10:13	4350.25	1177.41	77.4
1289	04/03/92	12:15:13	4355.25	1177.47	77.4
1290	04/03/92	12:20:13	4360.25	1177.45	77.5
1291	04/03/92	12:25:13	4365.25	1177.46	77.5
1292	04/03/92	12:30:13	4370.25	1177.45	77.6
1293	04/03/92	12:35:13	4375.25	1177.47	77.6
1294	04/03/92	12:40:13	4380.25	1177.46	77.7
1295	04/03/92	12:45:13	4385.25	1177.45	77.8
1296	04/03/92	12:50:13	4390.25	1177.47	77.8
1297	04/03/92	12:55:13	4395.25	1177.44	77.9

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
1298	04/03/92	13:00:13	4400.25	1177.49	78.0
1299	04/03/92	13:05:13	4405.25	1177.51	78.0
1300	04/03/92	13:10:13	4410.25	1177.51	78.0
1301	04/03/92	13:15:13	4415.25	1177.49	78.1
1302	04/03/92	13:20:13	4420.25	1177.47	78.2
1303	04/03/92	13:25:13	4425.25	1177.48	78.3
1304	04/03/92	13:30:13	4430.25	1177.52	78.3
1305	04/03/92	13:35:13	4435.25	1177.51	78.3
1306	04/03/92	13:40:13	4440.25	1177.51	78.4
1307	04/03/92	13:45:13	4445.25	1177.51	78.4
1308	04/03/92	13:50:13	4450.25	1177.47	78.5
1309	04/03/92	13:55:13	4455.25	1177.45	78.6
1310	04/03/92	14:00:13	4460.25	1177.46	78.7
1311	04/03/92	14:05:13	4465.25	1177.51	78.8
1312	04/03/92	14:10:13	4470.25	1177.52	78.8
1313	04/03/92	14:15:13	4475.25	1177.52	78.8
1314	04/03/92	14:20:13	4480.25	1177.50	78.8
1315	04/03/92	14:25:13	4485.25	1177.48	78.9
1316	04/03/92	14:30:13	4490.25	1177.47	78.9
1317	04/03/92	14:35:13	4495.25	1177.46	79.0
1318	04/03/92	14:40:13	4500.25	1177.48	79.0
1319	04/03/92	14:45:13	4505.25	1177.46	79.0
1320	04/03/92	14:50:13	4510.25	1177.46	79.1
1321	04/03/92	14:55:13	4515.25	1177.47	79.1
1322	04/03/92	15:00:13	4520.25	1177.45	79.2
1323	04/03/92	15:05:13	4525.25	1177.47	79.2
1324	04/03/92	15:10:13	4530.25	1177.46	79.3
1325	04/03/92	15:15:13	4535.25	1177.44	79.3
1326	04/03/92	15:20:13	4540.25	1177.46	79.4
1327	04/03/92	15:25:13	4545.25	1177.48	79.4
1328	04/03/92	15:30:13	4550.25	1177.47	79.4
1329	04/03/92	15:35:13	4555.25	1177.45	79.5
1330	04/03/92	15:40:13	4560.25	1177.45	79.5
1331	04/03/92	15:45:13	4565.25	1177.47	79.6
1332	04/03/92	15:50:13	4570.25	1177.47	79.5
1333	04/03/92	15:55:13	4575.25	1177.44	79.6
1334	04/03/92	16:00:13	4580.25	1177.45	79.6
1335	04/03/92	16:05:13	4585.25	1177.47	79.6
1336	04/03/92	16:10:13	4590.25	1177.43	79.7
1337	04/03/92	16:15:13	4595.25	1177.43	79.8
1338	04/03/92	16:20:13	4600.25	1177.45	79.8
1339	04/03/92	16:25:13	4605.25	1177.43	79.8
1340	04/03/92	16:30:13	4610.25	1177.44	79.8
1341	04/03/92	16:35:13	4615.25	1177.46	79.8
1342	04/03/92	16:40:13	4620.25	1177.41	79.9
1343	04/03/92	16:45:13	4625.25	1177.41	79.9
1344	04/03/92	16:50:13	4630.25	1177.42	80.0
1345	04/03/92	16:55:13	4635.25	1177.42	80.0
1346	04/03/92	17:00:13	4640.25	1177.39	80.1
1347	04/03/92	17:05:13	4645.25	1177.41	80.1
1348	04/03/92	17:10:13	4650.25	1177.43	80.2
1349	04/03/92	17:15:13	4655.25	1177.42	80.2

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
1350	04/03/92	17:20:13	4660.25	1177.40	80.2
1351	04/03/92	17:25:13	4665.25	1177.42	80.3
1352	04/03/92	17:30:13	4670.25	1177.41	80.3
1353	04/03/92	17:35:13	4675.25	1177.42	80.3
1354	04/03/92	17:40:13	4680.25	1177.39	80.4
1355	04/03/92	17:45:13	4685.25	1177.39	80.4
1356	04/03/92	17:50:13	4690.25	1177.42	80.4
1357	04/03/92	17:55:13	4695.25	1177.43	80.4
1358	04/03/92	18:00:13	4700.25	1177.38	80.5
1359	04/03/92	18:05:13	4705.25	1177.38	80.5
1360	04/03/92	18:10:13	4710.25	1177.42	80.5
1361	04/03/92	18:15:13	4715.25	1177.38	80.6
1362	04/03/92	18:20:13	4720.25	1177.41	80.6
1363	04/03/92	18:25:13	4725.25	1177.44	80.6
1364	04/03/92	18:30:13	4730.25	1177.41	80.6
1365	04/03/92	18:35:13	4735.25	1177.43	80.6
1366	04/03/92	18:40:13	4740.25	1177.41	80.7
1367	04/03/92	18:45:13	4745.25	1177.41	80.7
1368	04/03/92	18:50:13	4750.25	1177.41	80.7
1369	04/03/92	18:55:13	4755.25	1177.44	80.8
1370	04/03/92	19:00:13	4760.25	1177.41	80.8
1371	04/03/92	19:05:13	4765.25	1177.41	80.8
1372	04/03/92	19:10:13	4770.25	1177.41	80.9
1373	04/03/92	19:15:13	4775.25	1177.44	80.9
1374	04/03/92	19:20:13	4780.25	1177.42	80.9
1375	04/03/92	19:25:13	4785.25	1177.40	80.9
1376	04/03/92	19:30:13	4790.25	1177.42	81.0
1377	04/03/92	19:35:13	4795.25	1177.43	81.0
1378	04/03/92	19:40:13	4800.25	1177.39	81.0
1379	04/03/92	19:45:13	4805.25	1177.42	81.1
1380	04/03/92	19:50:13	4810.25	1177.44	81.1
1381	04/03/92	19:55:13	4815.25	1177.42	81.1
1382	04/03/92	20:00:13	4820.25	1177.43	81.1
1383	04/03/92	20:05:13	4825.25	1177.42	81.2
1384	04/03/92	20:10:13	4830.25	1177.45	81.2
1385	04/03/92	20:15:13	4835.25	1177.46	81.2
1386	04/03/92	20:20:13	4840.25	1177.43	81.2
1387	04/03/92	20:25:13	4845.25	1177.45	81.3
1388	04/03/92	20:30:13	4850.25	1177.45	81.3
1389	04/03/92	20:35:13	4855.25	1177.47	81.3
1390	04/03/92	20:40:13	4860.25	1177.46	81.3
1391	04/03/92	20:45:13	4865.25	1177.47	81.3
1392	04/03/92	20:50:13	4870.25	1177.46	81.3
1393	04/03/92	20:55:13	4875.25	1177.44	81.4
1394	04/03/92	21:00:13	4880.25	1177.49	81.4
1395	04/03/92	21:05:13	4885.25	1177.47	81.5
1396	04/03/92	21:10:13	4890.25	1177.48	81.5
1397	04/03/92	21:15:13	4895.25	1177.50	81.5
1398	04/03/92	21:20:13	4900.25	1177.51	81.5
1399	04/03/92	21:25:13	4905.25	1177.53	81.5
1400	04/03/92	21:30:13	4910.25	1177.51	81.5
1401	04/03/92	21:35:13	4915.25	1177.52	81.5

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
1402	04/03/92	21:40:13	4920.25	1177.50	81.6
1403	04/03/92	21:45:13	4925.25	1177.53	81.6
1404	04/03/92	21:50:13	4930.25	1177.51	81.7
1405	04/03/92	21:55:13	4935.25	1177.55	81.7
1406	04/03/92	22:00:13	4940.25	1177.54	81.7
1407	04/03/92	22:05:13	4945.25	1177.55	81.7
1408	04/03/92	22:10:13	4950.25	1177.54	81.7
1409	04/03/92	22:15:13	4955.25	1177.55	81.7
1410	04/03/92	22:20:13	4960.25	1177.56	81.7
1411	04/03/92	22:25:13	4965.25	1177.54	81.8
1412	04/03/92	22:30:13	4970.25	1177.60	81.8
1413	04/03/92	22:35:13	4975.25	1177.55	81.8
1414	04/03/92	22:40:13	4980.25	1177.58	81.9
1415	04/03/92	22:45:13	4985.25	1177.58	81.9
1416	04/03/92	22:50:13	4990.25	1177.58	81.9
1417	04/03/92	22:55:13	4995.25	1177.59	81.9
1418	04/03/92	23:00:13	5000.25	1177.57	81.9
1419	04/03/92	23:05:13	5005.25	1177.60	82.0
1420	04/03/92	23:10:13	5010.25	1177.62	82.0
1421	04/03/92	23:15:13	5015.25	1177.59	82.0
1422	04/03/92	23:20:13	5020.25	1177.60	82.0
1423	04/03/92	23:25:13	5025.25	1177.60	82.1
1424	04/03/92	23:30:13	5030.25	1177.63	82.1
1425	04/03/92	23:35:13	5035.25	1177.63	82.1
1426	04/03/92	23:40:13	5040.25	1177.64	82.1
1427	04/03/92	23:45:13	5045.25	1177.63	82.1
1428	04/03/92	23:50:13	5050.25	1177.66	82.1
1429	04/03/92	23:55:13	5055.25	1177.61	82.1
1430	04/04/92	00:00:13	5060.25	1177.65	82.1
1431	04/04/92	00:05:13	5065.25	1177.65	82.1
1432	04/04/92	00:10:13	5070.25	1177.67	82.1
1433	04/04/92	00:15:13	5075.25	1177.65	82.2
1434	04/04/92	00:20:13	5080.25	1177.66	82.2
1435	04/04/92	00:25:13	5085.25	1177.65	82.2
1436	04/04/92	00:30:13	5090.25	1177.67	82.2
1437	04/04/92	00:35:13	5095.25	1177.65	82.2
1438	04/04/92	00:40:13	5100.25	1177.67	82.2
1439	04/04/92	00:45:13	5105.25	1177.68	82.2
1440	04/04/92	00:50:13	5110.25	1177.67	82.3
1441	04/04/92	00:55:12	5115.25	1177.68	82.3
1442	04/04/92	01:00:13	5120.25	1177.66	82.3
1443	04/04/92	01:05:13	5125.25	1177.64	82.3
1444	04/04/92	01:10:13	5130.25	1177.66	82.4
1445	04/04/92	01:15:13	5135.25	1177.69	82.4
1446	04/04/92	01:20:13	5140.25	1177.69	82.4
1447	04/04/92	01:25:13	5145.25	1177.70	82.4
1448	04/04/92	01:30:13	5150.25	1177.67	82.5
1449	04/04/92	01:35:13	5155.25	1177.70	82.5
1450	04/04/92	01:40:13	5160.25	1177.67	82.5
1451	04/04/92	01:45:13	5165.25	1177.66	82.5
1452	04/04/92	01:50:13	5170.25	1177.66	82.5
1453	04/04/92	01:55:13	5175.25	1177.67	82.6

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
1454	04/04/92	02:00:13	5180.25	1177.69	82.5
1455	04/04/92	02:05:13	5185.25	1177.66	82.6
1456	04/04/92	02:10:13	5190.25	1177.67	82.6
1457	04/04/92	02:15:13	5195.25	1177.68	82.6
1458	04/04/92	02:20:13	5200.25	1177.68	82.6
1459	04/04/92	02:25:13	5205.25	1177.64	82.6
1460	04/04/92	02:30:13	5210.25	1177.64	82.6
1461	04/04/92	02:35:13	5215.25	1177.67	82.7
1462	04/04/92	02:40:13	5220.25	1177.65	82.7
1463	04/04/92	02:45:13	5225.25	1177.67	82.7
1464	04/04/92	02:50:13	5230.25	1177.64	82.7
1465	04/04/92	02:55:13	5235.25	1177.66	82.7
1466	04/04/92	03:00:13	5240.25	1177.63	82.8
1467	04/04/92	03:05:13	5245.25	1177.63	82.8
1468	04/04/92	03:10:13	5250.25	1177.65	82.8
1469	04/04/92	03:15:13	5255.25	1177.66	82.8
1470	04/04/92	03:20:13	5260.25	1177.64	82.8
1471	04/04/92	03:25:13	5265.25	1177.63	82.8
1472	04/04/92	03:30:13	5270.25	1177.63	82.8
1473	04/04/92	03:35:13	5275.25	1177.61	82.9
1474	04/04/92	03:40:13	5280.25	1177.61	82.9
1475	04/04/92	03:45:13	5285.25	1177.63	82.9
1476	04/04/92	03:50:13	5290.25	1177.63	82.9
1477	04/04/92	03:55:13	5295.25	1177.62	82.9
1478	04/04/92	04:00:13	5300.25	1177.62	82.9
1479	04/04/92	04:05:13	5305.25	1177.62	82.9
1480	04/04/92	04:10:13	5310.25	1177.60	83.0
1481	04/04/92	04:15:13	5315.25	1177.61	83.0
1482	04/04/92	04:20:13	5320.25	1177.59	83.0
1483	04/04/92	04:25:13	5325.25	1177.61	83.0
1484	04/04/92	04:30:13	5330.25	1177.58	83.0
1485	04/04/92	04:35:13	5335.25	1177.60	83.1
1486	04/04/92	04:40:13	5340.25	1177.61	83.0
1487	04/04/92	04:45:13	5345.25	1177.59	83.1
1488	04/04/92	04:50:13	5350.25	1177.60	83.1
1489	04/04/92	04:55:13	5355.25	1177.59	83.1
1490	04/04/92	05:00:13	5360.25	1177.57	83.1
1491	04/04/92	05:05:13	5365.25	1177.59	83.1
1492	04/04/92	05:10:13	5370.25	1177.59	83.1
1493	04/04/92	05:15:13	5375.25	1177.58	83.1
1494	04/04/92	05:20:13	5380.25	1177.57	83.1
1495	04/04/92	05:25:13	5385.25	1177.55	83.1
1496	04/04/92	05:30:13	5390.25	1177.56	83.2
1497	04/04/92	05:35:13	5395.25	1177.57	83.2
1498	04/04/92	05:40:13	5400.25	1177.54	83.2
1499	04/04/92	05:45:13	5405.25	1177.56	83.2
1500	04/04/92	05:50:13	5410.25	1177.57	83.2
1501	04/04/92	05:55:13	5415.25	1177.56	83.2
1502	04/04/92	06:00:13	5420.25	1177.57	83.2
1503	04/04/92	06:05:13	5425.25	1177.54	83.2
1504	04/04/92	06:10:13	5430.25	1177.54	83.2
1505	04/04/92	06:15:13	5435.25	1177.54	83.2

Log#	Date	Real Time	Elapsed Time	Bottom Hole Pressure	Bottom Hole Temp. °F
1506	04/04/92	06:20:13	5440.25	1177.54	83.2
1507	04/04/92	06:25:13	5445.25	1177.53	83.3
1508	04/04/92	06:30:13	5450.25	1177.52	83.3
1509	04/04/92	06:35:13	5455.25	1177.54	83.3
1510	04/04/92	06:40:13	5460.25	1177.53	83.3
1511	04/04/92	06:45:13	5465.25	1177.55	83.4
1512	04/04/92	06:50:13	5470.25	1177.55	83.3
1513	04/04/92	06:55:13	5475.25	1177.54	83.3
1514	04/04/92	07:00:13	5480.25	1177.55	83.3
1515	04/04/92	07:05:13	5485.25	1177.54	83.4

MARCO ISLAND IW-1
INJECTION TEST

Start Date: Tuesday, March 31, 1992

BACKGROUND

Date	Real Time	Total Elapsed Time (Min)	Background Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal WL Head psi
03/31/92	11:39:57	0.00	0.00	78.800	4.410	1.500	1.915
03/31/92	11:44:57	5.00	5.00	78.800	4.410	1.470	1.890
03/31/92	11:49:57	10.00	10.00	78.800	4.410	1.470	1.885
03/31/92	11:54:57	15.00	15.00	78.800	4.410	1.470	1.880
03/31/92	11:59:57	20.00	20.00	78.800	4.410	1.470	1.865
03/31/92	12:04:57	25.00	25.00	78.800	4.410	1.470	1.875
03/31/92	12:09:57	30.00	30.00	78.800	4.410	1.470	1.855
03/31/92	12:14:57	34.99	34.99	78.800	4.410	1.470	1.845
03/31/92	12:19:57	40.00	40.00	78.700	4.410	1.470	1.835
03/31/92	12:24:57	45.00	45.00	78.800	4.410	1.470	1.825
03/31/92	12:29:57	50.00	50.00	78.800	4.410	1.470	1.825
03/31/92	12:34:57	55.00	55.00	78.800	4.380	1.470	1.815
03/31/92	12:39:57	60.00	60.00	78.700	4.380	1.470	1.815
03/31/92	12:44:57	65.00	65.00	78.700	4.380	1.470	1.790
03/31/92	12:49:57	70.00	70.00	78.700	4.380	1.470	1.770
03/31/92	12:54:57	75.00	75.00	78.700	4.380	1.470	1.755
03/31/92	12:59:57	79.99	79.99	78.700	4.380	1.470	1.740
03/31/92	13:04:57	85.00	85.00	78.600	4.380	1.470	1.740
03/31/92	13:09:57	90.00	90.00	78.600	4.380	1.440	1.730
03/31/92	13:14:57	95.00	95.00	78.600	4.380	1.440	1.710
03/31/92	13:19:57	100.00	100.00	78.600	4.350	1.440	1.685
03/31/92	13:24:57	105.00	105.00	78.600	4.380	1.440	1.680
03/31/92	13:29:57	110.00	110.00	78.500	4.380	1.440	1.650
03/31/92	13:34:57	115.00	115.00	78.500	4.380	1.440	1.645
03/31/92	13:39:57	120.00	120.00	78.500	4.350	1.440	1.625
03/31/92	13:44:57	124.99	124.99	78.500	4.350	1.440	1.605
03/31/92	13:49:57	130.00	130.00	78.500	4.350	1.440	1.595
03/31/92	13:54:57	135.00	135.00	78.500	4.350	1.440	1.590
03/31/92	13:59:57	140.00	140.00	78.500	4.350	1.440	1.580
03/31/92	14:04:57	145.00	145.00	78.500	4.350	1.440	1.545
03/31/92	14:09:57	150.00	150.00	78.500	4.350	1.440	1.530
03/31/92	14:14:57	155.00	155.00	78.500	4.350	1.410	1.515
03/31/92	14:19:57	160.00	160.00	78.500	4.350	1.410	1.490
03/31/92	14:24:57	165.00	165.00	78.500	4.350	1.410	1.475
03/31/92	14:29:57	169.99	169.99	78.500	4.350	1.440	1.460
03/31/92	14:34:57	175.00	175.00	78.500	4.350	1.410	1.450
03/31/92	14:39:57	180.00	180.00	78.500	4.350	1.410	1.430
03/31/92	14:44:57	185.00	185.00	78.500	4.350	1.410	1.425
03/31/92	14:49:57	190.00	190.00	78.500	4.350	1.410	1.390
03/31/92	14:54:57	195.00	195.00	78.500	4.320	1.410	1.360
03/31/92	14:59:57	200.00	200.00	78.500	4.320	1.410	1.345
03/31/92	15:04:57	205.00	205.00	78.400	4.320	1.410	1.335
03/31/92	15:09:57	210.00	210.00	78.400	4.290	1.410	1.310
03/31/92	15:14:57	214.99	214.99	78.400	4.320	1.380	1.290
03/31/92	15:19:57	220.00	220.00	78.400	4.290	1.410	1.255
03/31/92	15:24:57	225.00	225.00	78.300	4.290	1.410	1.230
03/31/92	15:29:57	230.00	230.00	78.300	4.290	1.380	1.240
03/31/92	15:34:57	235.00	235.00	78.300	4.290	1.380	1.205
03/31/92	15:39:57	240.00	240.00	78.300	4.260	1.380	1.185
03/31/92	15:44:57	245.00	245.00	78.200	4.260	1.380	1.170
03/31/92	15:49:57	250.00	250.00	78.300	4.260	1.380	1.140

BACKGROUND

Date	Real Time	Total Elapsed Time (Min)	Background Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal WL Head psi
03/31/92	15:54:57	255.00	255.00	78.200	4.260	1.380	1.125
03/31/92	15:59:57	259.99	259.99	78.300	4.260	1.380	1.110
03/31/92	16:04:57	265.00	265.00	78.200	4.260	1.380	1.100
03/31/92	16:09:57	270.00	270.00	78.200	4.230	1.380	1.080
03/31/92	16:14:57	275.00	275.00	78.200	4.230	1.350	1.045
03/31/92	16:19:57	280.00	280.00	78.200	4.230	1.380	1.045
03/31/92	16:24:57	285.00	285.00	78.200	4.230	1.380	1.035
03/31/92	16:29:57	290.00	290.00	78.100	4.230	1.350	1.020
03/31/92	16:34:57	295.00	295.00	78.200	4.230	1.350	0.995
03/31/92	16:39:57	300.00	300.00	78.100	4.230	1.350	0.995
03/31/92	16:44:57	304.99	304.99	78.100	4.230	1.350	0.985
03/31/92	16:49:57	310.00	310.00	78.100	4.230	1.350	0.965
03/31/92	16:54:57	315.00	315.00	78.100	4.200	1.350	0.950
03/31/92	16:59:57	320.00	320.00	78.000	4.200	1.350	0.930
03/31/92	17:04:57	325.00	325.00	78.100	4.200	1.350	0.920
03/31/92	17:09:57	330.00	330.00	78.100	4.200	1.350	0.915
03/31/92	17:14:57	335.00	335.00	78.100	4.200	1.350	0.915
03/31/92	17:19:57	340.00	340.00	78.000	4.200	1.350	0.895
03/31/92	17:24:57	345.00	345.00	78.000	4.200	1.350	0.900
03/31/92	17:29:57	349.99	349.99	78.000	4.200	1.350	0.905
03/31/92	17:34:57	355.00	355.00	78.000	4.200	1.350	0.895
03/31/92	17:39:57	360.00	360.00	78.000	4.170	1.350	0.890
03/31/92	17:44:57	365.00	365.00	78.000	4.170	1.350	0.875
03/31/92	17:49:57	370.00	370.00	78.000	4.170	1.350	0.880
03/31/92	17:54:57	375.00	375.00	77.900	4.170	1.350	0.890
03/31/92	17:59:57	380.00	380.00	77.900	4.170	1.350	0.890
03/31/92	18:04:57	385.00	385.00	77.900	4.170	1.350	0.890
03/31/92	18:09:57	390.00	390.00	77.900	4.170	1.350	0.890
03/31/92	18:14:57	395.00	395.00	77.900	4.170	1.350	0.890
03/31/92	18:19:57	400.00	400.00	77.900	4.170	1.350	0.900
03/31/92	18:24:57	405.00	405.00	77.800	4.170	1.350	0.890
03/31/92	18:29:57	410.00	410.00	77.900	4.170	1.350	0.910
03/31/92	18:34:57	415.00	415.00	77.900	4.170	1.350	0.925
03/31/92	18:39:57	420.00	420.00	77.900	4.170	1.350	0.950
03/31/92	18:44:57	425.00	425.00	77.800	4.170	1.350	0.940
03/31/92	18:49:57	430.00	430.00	77.800	4.170	1.350	0.940
03/31/92	18:54:57	435.00	435.00	77.800	4.170	1.350	0.955
03/31/92	18:59:57	440.00	440.00	77.800	4.170	1.350	0.985
03/31/92	19:04:57	445.00	445.00	77.800	4.170	1.350	0.985
03/31/92	19:09:57	450.00	450.00	77.800	4.170	1.350	1.010
03/31/92	19:14:57	455.00	455.00	77.800	4.170	1.350	1.015
03/31/92	19:19:57	460.00	460.00	77.800	4.170	1.350	1.045
03/31/92	19:24:57	465.00	465.00	77.800	4.170	1.350	1.065
03/31/92	19:29:57	470.00	470.00	77.800	4.170	1.380	1.065
03/31/92	19:34:57	475.00	475.00	77.800	4.170	1.380	1.095
03/31/92	19:39:57	480.00	480.00	77.800	4.170	1.380	1.100
03/31/92	19:44:57	485.00	485.00	77.800	4.200	1.380	1.125
03/31/92	19:49:57	490.00	490.00	77.800	4.170	1.380	1.150
03/31/92	19:54:57	495.00	495.00	77.800	4.200	1.380	1.155
03/31/92	19:59:57	500.00	500.00	77.700	4.200	1.380	1.170

BACKGROUND

Date	Real Time	Total Elapsed Time (Min)	Background Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
03/31/92	20:04:57	505.00	505.00	77.800	4.200	1.380	1.165
03/31/92	20:09:57	510.00	510.00	77.700	4.200	1.380	1.195
03/31/92	20:14:57	515.00	515.00	77.700	4.200	1.380	1.220
03/31/92	20:19:57	520.00	520.00	77.700	4.200	1.380	1.220
03/31/92	20:24:57	525.00	525.00	77.600	4.200	1.380	1.245
03/31/92	20:29:57	530.00	530.00	77.800	4.200	1.380	1.250
03/31/92	20:34:57	535.00	535.00	77.700	4.230	1.380	1.190
03/31/92	20:39:57	540.00	540.00	77.700	4.230	1.380	1.320
03/31/92	20:44:57	545.00	545.00	77.700	4.230	1.380	1.325
03/31/92	20:49:57	550.00	550.00	77.600	4.230	1.380	1.360
03/31/92	20:54:57	555.00	555.00	77.500	4.230	1.380	1.350
03/31/92	20:59:57	560.00	560.00	77.500	4.230	1.380	1.360
03/31/92	21:04:57	565.00	565.00	77.500	4.230	1.380	1.380
03/31/92	21:09:57	570.00	570.00	77.500	4.230	1.380	1.395
03/31/92	21:14:57	575.00	575.00	77.500	4.230	1.380	1.450
03/31/92	21:19:57	580.00	580.00	77.500	4.230	1.380	1.435
03/31/92	21:24:57	585.00	585.00	77.400	4.260	1.380	1.460
03/31/92	21:29:57	590.00	590.00	77.400	4.260	1.380	1.465
03/31/92	21:34:57	595.00	595.00	77.400	4.260	1.380	1.500
03/31/92	21:39:57	600.00	600.00	77.400	4.260	1.380	1.520
03/31/92	21:44:57	605.00	605.00	77.400	4.260	1.410	1.520
03/31/92	21:49:57	610.00	610.00	77.400	4.260	1.380	1.530
03/31/92	21:54:57	615.00	615.00	77.400	4.260	1.410	1.560
03/31/92	21:59:57	619.99	619.99	77.300	4.290	1.410	1.605
03/31/92	22:04:57	625.00	625.00	77.300	4.290	1.410	1.630
03/31/92	22:09:57	630.00	630.00	77.300	4.290	1.410	1.610
03/31/92	22:14:57	635.00	635.00	77.300	4.290	1.410	1.600
03/31/92	22:19:57	640.00	640.00	77.300	4.290	1.410	1.630
03/31/92	22:24:57	645.00	645.00	77.300	4.290	1.410	1.760
03/31/92	22:29:57	650.00	650.00	77.300	4.290	1.410	1.695
03/31/92	22:34:57	655.00	655.00	77.300	4.290	1.410	1.695
03/31/92	22:39:57	660.00	660.00	77.300	4.290	1.410	1.675
03/31/92	22:44:57	665.00	665.00	77.200	4.290	1.410	1.695
03/31/92	22:49:57	670.00	670.00	77.200	4.320	1.410	1.710
03/31/92	22:54:57	675.00	675.00	77.200	4.320	1.410	1.735
03/31/92	22:59:57	680.00	680.00	77.200	4.320	1.410	1.735
03/31/92	23:04:57	685.00	685.00	77.200	4.320	1.410	1.745
03/31/92	23:09:57	690.00	690.00	77.200	4.320	1.440	1.755
03/31/92	23:14:57	695.00	695.00	77.200	4.320	1.440	1.780
03/31/92	23:19:57	700.00	700.00	77.200	4.320	1.440	1.760
03/31/92	23:24:57	705.00	705.00	77.100	4.320	1.440	1.775
03/31/92	23:29:57	710.00	710.00	77.100	4.320	1.440	1.765
03/31/92	23:34:57	715.00	715.00	77.100	4.320	1.440	1.795
03/31/92	23:39:57	720.00	720.00	77.100	4.350	1.440	1.790
03/31/92	23:44:57	725.00	725.00	77.100	4.350	1.440	1.805
03/31/92	23:49:57	730.00	730.00	77.100	4.350	1.410	1.815
03/31/92	23:54:57	735.00	735.00	77.100	4.350	1.440	1.810
03/31/92	23:59:57	740.00	740.00	77.100	4.350	1.440	1.820
04/01/92	00:04:57	745.00	745.00	77.000	4.350	1.440	1.795
04/01/92	00:09:57	750.00	750.00	77.000	4.350	1.440	1.800
04/01/92	00:14:57	755.00	755.00	77.000	4.350	1.440	1.790
04/01/92	00:19:57	760.00	760.00	77.000	4.350	1.440	1.815
04/01/92	00:24:57	765.00	765.00	77.000	4.350	1.440	1.820
04/01/92	00:29:57	770.00	770.00	77.000	4.350	1.440	1.830
04/01/92	00:34:57	775.00	775.00	77.000	4.350	1.440	1.810
04/01/92	00:39:57	780.00	780.00	77.000	4.350	1.440	1.795
04/01/92	00:44:57	785.00	785.00	77.000	4.350	1.440	1.775
04/01/92	00:49:57	790.00	790.00	77.000	4.350	1.440	1.780
04/01/92	00:54:57	795.00	795.00	76.900	4.350	1.440	1.790
04/01/92	00:59:57	800.00	800.00	76.900	4.350	1.440	1.780

BACKGROUND

Date	Real Time	Total Elapsed Time (Min)	Background Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal WL Head psi
04/01/92	01:04:57	805.00	805.00	76.900	4.350	1.440	1.770
04/01/92	01:09:57	810.00	810.00	76.900	4.350	1.440	1.745
04/01/92	01:14:57	815.00	815.00	76.900	4.350	1.440	1.730
04/01/92	01:19:57	820.00	820.00	76.900	4.350	1.440	1.715
04/01/92	01:24:57	825.00	825.00	76.900	4.350	1.410	1.715
04/01/92	01:29:57	830.00	830.00	76.900	4.350	1.440	1.700
04/01/92	01:34:57	835.00	835.00	76.800	4.350	1.440	1.685
04/01/92	01:39:57	840.00	840.00	76.900	4.350	1.440	1.665
04/01/92	01:44:57	845.00	845.00	76.800	4.350	1.440	1.650
04/01/92	01:49:57	850.00	850.00	76.800	4.350	1.440	1.645
04/01/92	01:54:57	855.00	855.00	76.800	4.350	1.440	1.615
04/01/92	01:59:57	860.00	860.00	76.800	4.350	1.440	1.595
04/01/92	02:04:57	865.00	865.00	76.700	4.350	1.410	1.575
04/01/92	02:09:57	870.00	870.00	76.700	4.320	1.410	1.565
04/01/92	02:14:57	875.00	875.00	76.700	4.320	1.410	1.555
04/01/92	02:19:57	880.00	880.00	76.800	4.320	1.410	1.535
04/01/92	02:24:57	885.00	885.00	76.700	4.320	1.410	1.510
04/01/92	02:29:57	890.00	890.00	76.700	4.320	1.410	1.485
04/01/92	02:34:57	895.00	895.00	76.700	4.320	1.410	1.465
04/01/92	02:39:57	900.00	900.00	76.700	4.320	1.410	1.445
04/01/92	02:44:57	905.00	905.00	76.700	4.320	1.410	1.440
04/01/92	02:49:57	910.00	910.00	76.700	4.320	1.410	1.410
04/01/92	02:54:57	915.00	915.00	76.700	4.320	1.410	1.385
04/01/92	02:59:57	920.00	920.00	76.700	4.290	1.410	1.370
04/01/92	03:04:57	925.00	925.00	76.700	4.320	1.410	1.360
04/01/92	03:09:57	930.00	930.00	76.700	4.290	1.410	1.350
04/01/92	03:14:57	935.00	935.00	76.700	4.290	1.410	1.325
04/01/92	03:19:57	940.00	940.00	76.700	4.290	1.410	1.300
04/01/92	03:24:57	945.00	945.00	76.700	4.290	1.410	1.285
04/01/92	03:29:57	950.00	950.00	76.700	4.290	1.410	1.270
04/01/92	03:34:57	955.00	955.00	76.600	4.290	1.410	1.250
04/01/92	03:39:57	960.00	960.00	76.600	4.290	1.410	1.235
04/01/92	03:44:57	965.00	965.00	76.600	4.260	1.410	1.220
04/01/92	03:49:57	970.00	970.00	76.600	4.290	1.410	1.205
04/01/92	03:54:57	975.00	975.00	76.600	4.290	1.410	1.195
04/01/92	03:59:57	979.99	979.99	76.600	4.260	1.380	1.170
04/01/92	04:04:57	985.00	985.00	76.600	4.260	1.410	1.160
04/01/92	04:09:57	990.00	990.00	76.600	4.260	1.380	1.140
04/01/92	04:14:57	995.00	995.00	76.600	4.260	1.380	1.120
04/01/92	04:19:57	1000.00	1000.00	76.600	4.260	1.380	1.110
04/01/92	04:24:57	1005.00	1005.00	76.600	4.260	1.380	1.090
04/01/92	04:29:57	1010.00	1010.00	76.600	4.260	1.380	1.085
04/01/92	04:34:57	1015.00	1015.00	76.600	4.260	1.380	1.060
04/01/92	04:39:57	1020.00	1020.00	76.500	4.260	1.380	1.030
04/01/92	04:44:57	1024.99	1024.99	76.500	4.260	1.380	1.025
04/01/92	04:49:57	1030.00	1030.00	76.500	4.230	1.380	1.005
04/01/92	04:54:57	1035.00	1035.00	76.500	4.230	1.380	1.010
04/01/92	04:59:57	1040.00	1040.00	76.500	4.230	1.380	0.985
04/01/92	05:04:57	1045.00	1045.00	76.500	4.230	1.380	0.970
04/01/92	05:09:57	1050.00	1050.00	76.400	4.230	1.350	0.960
04/01/92	05:14:57	1055.00	1055.00	76.500	4.230	1.380	0.930
04/01/92	05:19:57	1060.00	1060.00	76.400	4.200	1.350	0.930
04/01/92	05:24:57	1065.00	1065.00	76.400	4.230	1.350	0.915
04/01/92	05:29:57	1069.99	1069.99	76.400	4.200	1.350	0.900
04/01/92	05:34:57	1075.00	1075.00	76.400	4.200	1.350	0.890
04/01/92	05:39:57	1080.00	1080.00	76.400	4.200	1.350	0.880
04/01/92	05:44:57	1085.00	1085.00	76.400	4.200	1.350	0.885
04/01/92	05:49:57	1090.00	1090.00	76.300	4.200	1.350	0.890
04/01/92	05:54:57	1095.00	1095.00	76.400	4.200	1.350	0.870

BACKGROUND

Date	Real Time	Total Elapsed Time (Min)	Background Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal WL Head psi
04/01/92	05:59:57	1100.00	1100.00	76.300	4.200	1.350	0.850
04/01/92	06:04:57	1105.00	1105.00	76.300	4.200	1.320	0.845
04/01/92	06:09:57	1110.00	1110.00	76.200	4.170	1.350	0.855
04/01/92	06:14:57	1114.99	1114.99	76.200	4.200	1.320	0.865
04/01/92	06:19:57	1120.00	1120.00	76.200	4.170	1.320	0.855
04/01/92	06:24:57	1125.00	1125.00	76.200	4.170	1.320	0.845
04/01/92	06:29:57	1130.00	1130.00	76.200	4.170	1.320	0.840
04/01/92	06:34:57	1135.00	1135.00	76.300	4.140	1.350	0.860
04/01/92	06:39:57	1140.00	1140.00	76.200	4.170	1.320	0.865
04/01/92	06:44:57	1145.00	1145.00	76.200	4.170	1.350	0.875
04/01/92	06:49:57	1150.00	1150.00	76.200	4.170	1.320	0.880
04/01/92	06:54:57	1155.00	1155.00	76.200	4.170	1.320	0.890
04/01/92	06:59:57	1160.00	1160.00	76.200	4.170	1.320	0.900
04/01/92	07:04:57	1165.00	1165.00	76.200	4.170	1.320	0.925
04/01/92	07:09:57	1170.00	1170.00	76.200	4.140	1.320	0.930
04/01/92	07:14:57	1175.00	1175.00	76.200	4.170	1.320	0.955
04/01/92	07:19:57	1180.00	1180.00	76.200	4.170	1.320	0.985
04/01/92	07:24:57	1185.00	1185.00	76.200	4.170	1.320	1.005
04/01/92	07:29:57	1190.00	1190.00	76.200	4.170	1.320	1.025
04/01/92	07:34:57	1195.00	1195.00	76.200	4.170	1.320	1.015
04/01/92	07:39:57	1200.00	1200.00	76.100	4.170	1.320	1.025
04/01/92	07:44:57	1204.99	1204.99	76.200	4.170	1.320	1.055
04/01/92	07:49:57	1210.00	1210.00	76.100	4.170	1.320	1.100
04/01/92	07:54:57	1215.00	1215.00	76.200	4.170	1.320	1.115
04/01/92	07:59:57	1220.00	1220.00	76.200	4.170	1.320	1.120
04/01/92	08:04:57	1225.00	1225.00	76.200	4.170	1.320	1.130
04/01/92	08:09:57	1230.00	1230.00	76.100	4.170	1.320	1.155
04/01/92	08:14:57	1235.00	1235.00	76.100	4.170	1.320	1.200
04/01/92	08:19:57	1240.00	1240.00	76.100	4.170	1.320	1.210
04/01/92	08:24:57	1245.00	1245.00	76.100	4.170	1.320	1.210
04/01/92	08:29:57	1250.00	1250.00	76.200	4.170	1.320	1.205
04/01/92	08:34:57	1255.00	1255.00	76.100	4.170	1.320	1.245
04/01/92	08:39:57	1260.00	1260.00	76.100	4.200	1.320	1.290
04/01/92	08:44:57	1265.00	1265.00	76.100	4.200	1.320	1.315
04/01/92	08:49:57	1270.00	1270.00	76.200	4.170	1.320	1.310
04/01/92	08:54:57	1275.00	1275.00	76.200	4.200	1.320	1.330
04/01/92	08:59:57	1280.00	1280.00	76.200	4.200	1.320	1.340
04/01/92	09:04:57	1285.00	1285.00	76.200	4.200	1.320	1.375
04/01/92	09:09:57	1290.00	1290.00	76.200	4.200	1.350	1.390
04/01/92	09:14:57	1294.99	1294.99	76.200	4.200	1.320	1.410
04/01/92	09:19:57	1300.00	1300.00	76.200	4.200	1.320	1.435
04/01/92	09:24:57	1305.00	1305.00	76.200	4.200	1.350	1.460
04/01/92	09:29:57	1310.00	1310.00	76.200	4.200	1.320	1.480
04/01/92	09:34:57	1315.00	1315.00	76.300	4.230	1.350	1.495
04/01/92	09:39:57	1320.00	1320.00	76.200	4.230	1.410	1.515
04/01/92	09:44:57	1325.00	1325.00	76.200	4.230	1.410	1.535
04/01/92	09:49:57	1330.00	1330.00	76.300	4.230	1.410	1.550
04/01/92	09:54:57	1335.00	1335.00	76.200	4.230	1.410	1.570
04/01/92	09:59:57	1339.99	1339.99	76.300	4.230	1.410	1.595
04/01/92	10:04:57	1345.00	1345.00	76.300	4.230	1.410	1.615
04/01/92	10:09:57	1350.00	1350.00	76.200	4.230	1.410	1.635
04/01/92	10:14:57	1355.00	1355.00	76.200	4.230	1.410	1.665
04/01/92	10:19:57	1360.00	1360.00	76.200	4.260	1.440	1.660
04/01/92	10:24:57	1365.00	1365.00	76.200	4.260	1.440	1.675
04/01/92	10:29:57	1370.00	1370.00	76.200	4.230	1.410	1.670
04/01/92	10:34:57	1375.00	1375.00	76.100	4.260	1.440	1.690
04/01/92	10:39:57	1380.00	1380.00	76.200	4.260	1.440	1.725
04/01/92	10:44:57	1384.99	1384.99	76.200	4.260	1.440	1.745
04/01/92	10:49:57	1390.00	1390.00	76.200	4.260	1.440	1.740
04/01/92	10:54:57	1395.00	1395.00	76.100	4.260	1.440	1.735

BACKGROUND

Date	Real Time	Total Elapsed Time (Min)	Background Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/01/92	10:59:57	1400.00	1400.00	76.200	4.260	1.440	1.755
04/01/92	11:04:57	1405.00	1405.00	76.100	4.290	1.440	1.795
04/01/92	11:09:57	1410.00	1410.00	76.100	4.290	1.440	1.790
04/01/92	11:14:57	1415.00	1415.00	76.100	4.290	1.440	1.775
04/01/92	11:19:57	1420.00	1420.00	76.100	4.290	1.440	1.795
04/01/92	11:24:57	1425.00	1425.00	76.100	4.290	1.440	1.820
04/01/92	11:29:57	1429.99	1429.99	76.100	4.290	1.440	1.825
04/01/92	11:34:57	1435.00	1435.00	76.100	4.290	1.440	1.840
04/01/92	11:39:57	1440.00	1440.00	76.100	4.290	1.440	1.840
04/01/92	11:44:57	1445.00	1445.00	76.100	4.320	1.440	1.865
04/01/92	11:49:57	1450.00	1450.00	76.100	4.320	1.440	1.860
04/01/92	11:54:57	1455.00	1455.00	76.100	4.320	1.470	1.895
04/01/92	11:59:57	1460.00	1460.00	76.100	4.320	1.440	1.855
04/01/92	12:04:57	1465.00	1465.00	76.100	4.320	1.470	1.860
04/01/92	12:09:57	1470.00	1470.00	76.100	4.320	1.470	1.830
04/01/92	12:14:57	1474.99	1474.99	76.100	4.320	1.440	1.910
04/01/92	12:19:57	1480.00	1480.00	76.100	4.320	1.470	1.880
04/01/92	12:24:57	1485.00	1485.00	76.100	4.320	1.470	1.880
04/01/92	12:29:57	1490.00	1490.00	76.100	4.320	1.470	1.805
04/01/92	12:34:57	1495.00	1495.00	76.100	4.320	1.440	1.830
04/01/92	12:39:57	1500.00	1500.00	76.100	4.350	1.440	1.810
04/01/92	12:44:57	1505.00	1505.00	76.100	4.350	1.470	1.830
04/01/92	12:49:57	1510.00	1510.00	76.100	4.350	1.470	1.830
04/01/92	12:54:57	1515.00	1515.00	76.100	4.320	1.470	1.825
04/01/92	12:59:57	1519.99	1519.99	76.100	4.350	1.470	1.840
04/01/92	13:04:57	1525.00	1525.00	76.100	4.350	1.470	1.800
04/01/92	13:09:57	1530.00	1530.00	76.100	4.350	1.440	1.760
04/01/92	13:14:57	1535.00	1535.00	76.100	4.350	1.470	1.730
04/01/92	13:19:57	1540.00	1540.00	76.100	4.350	1.470	1.740
04/01/92	13:24:57	1545.00	1545.00	76.100	4.350	1.470	1.770
04/01/92	13:29:57	1550.00	1550.00	76.100	4.350	1.470	1.740
04/01/92	13:34:57	1555.00	1555.00	76.100	4.350	1.470	1.730
04/01/92	13:39:57	1560.00	1560.00	76.100	4.350	1.470	1.655
04/01/92	13:44:57	1564.99	1564.99	76.100	4.350	1.470	1.655
04/01/92	13:49:57	1570.00	1570.00	76.100	4.320	1.470	1.635
04/01/92	13:54:57	1575.00	1575.00	76.100	4.350	1.470	1.675
04/01/92	13:59:57	1580.00	1580.00	76.100	4.350	1.470	1.620
04/01/92	14:04:57	1585.00	1585.00	76.100	4.350	1.470	1.625
04/01/92	14:09:57	1590.00	1590.00	76.100	4.350	1.470	1.600
04/01/92	14:14:57	1595.00	1595.00	76.100	4.320	1.470	1.590
04/01/92	14:19:57	1600.00	1600.00	76.100	4.320	1.440	1.560
04/01/92	14:24:57	1605.00	1605.00	76.100	4.320	1.470	1.520
04/01/92	14:29:57	1609.99	1609.99	76.100	4.320	1.470	1.485
04/01/92	14:34:57	1615.00	1615.00	76.100	4.320	1.470	1.465
04/01/92	14:39:57	1620.00	1620.00	76.100	4.320	1.440	1.485
04/01/92	14:44:57	1625.00	1625.00	76.100	4.320	1.470	1.485
04/01/92	14:49:57	1630.00	1630.00	76.100	4.320	1.470	1.475
04/01/92	14:54:57	1635.00	1635.00	76.100	4.320	1.470	1.420
04/01/92	15:00:31	1640.57	1640.57	76.100	4.290	1.470	1.410
04/01/92	15:05:31	1645.56	1645.56	76.100	4.290	1.470	1.380
04/01/92	15:10:31	1650.56	1650.56	76.100	4.290	1.470	1.375
04/01/92	15:15:31	1655.56	1655.56	76.100	4.290	1.470	1.320
04/01/92	15:20:31	1660.56	1660.56	76.100	4.290	1.440	1.300
04/01/92	15:25:31	1665.56	1665.56	76.000	4.290	1.440	1.295
04/01/92	15:30:31	1670.56	1670.56	76.000	4.290	1.440	1.295
04/01/92	15:35:31	1675.56	1675.56	76.100	4.260	1.440	1.280
04/01/92	15:40:31	1680.56	1680.56	76.100	4.260	1.440	1.235
04/01/92	15:45:31	1685.56	1685.56	76.100	4.260	1.440	1.220
04/01/92	15:50:31	1690.56	1690.56	76.100	4.260	1.440	1.225
04/01/92	15:55:31	1695.56	1695.56	76.100	4.260	1.440	1.210
04/01/92	16:00:31	1700.56	1700.56	76.100	4.260	1.440	1.175

BACKGROUND

Date	Real Time	Total Elapsed Time (Min)	Background Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/01/92	16:05:31	1705.56	1705.56	76.100	4.260	1.440	1.140
04/01/92	16:10:31	1710.56	1710.56	76.000	4.260	1.440	1.120
04/01/92	16:15:31	1715.56	1715.56	76.100	4.260	1.440	1.110
04/01/92	16:20:31	1720.56	1720.56	76.100	4.260	1.440	1.110
04/01/92	16:25:31	1725.56	1725.56	76.100	4.230	1.440	1.100
04/01/92	16:30:31	1730.56	1730.56	76.000	4.230	1.440	1.055
04/01/92	16:35:31	1735.56	1735.56	76.000	4.230	1.410	1.035
04/01/92	16:40:31	1740.56	1740.56	76.000	4.230	1.440	1.000
04/01/92	16:45:31	1745.56	1745.56	76.000	4.230	1.410	0.995
04/01/92	16:50:31	1750.56	1750.56	76.000	4.230	1.410	0.985
04/01/92	16:55:31	1755.56	1755.56	76.000	4.200	1.410	0.960
04/01/92	17:00:31	1760.56	1760.56	76.000	4.200	1.410	0.960
04/01/92	17:05:31	1765.56	1765.56	76.000	4.200	1.410	0.920
04/01/92	17:10:31	1770.56	1770.56	76.000	4.200	1.410	0.935
04/01/92	17:15:31	1775.56	1775.56	76.000	4.200	1.410	0.910
04/01/92	17:20:31	1780.56	1780.56	76.000	4.200	1.410	0.885
04/01/92	17:25:31	1785.56	1785.56	76.000	4.200	1.410	0.865
04/01/92	17:30:31	1790.56	1790.56	76.000	4.200	1.410	0.820
04/01/92	17:35:31	1795.56	1795.56	76.000	4.200	1.410	0.825
04/01/92	17:40:31	1800.56	1800.56	75.900	4.170	1.410	0.830
04/01/92	17:45:31	1805.56	1805.56	75.900	4.170	1.410	0.820
04/01/92	17:50:31	1810.56	1810.56	75.900	4.170	1.410	0.845
04/01/92	17:55:31	1815.56	1815.56	75.900	4.170	1.410	0.790
04/01/92	18:00:31	1820.56	1820.56	75.900	4.170	1.380	0.770
04/01/92	18:05:31	1825.56	1825.56	75.900	4.170	1.380	0.775
04/01/92	18:10:31	1830.56	1830.56	75.900	4.170	1.380	0.775
04/01/92	18:15:31	1835.56	1835.56	75.900	4.170	1.380	0.835
04/01/92	18:20:31	1840.56	1840.56	75.900	4.170	1.380	0.800
04/01/92	18:25:31	1845.56	1845.56	75.800	4.170	1.380	0.750
04/01/92	18:30:31	1850.56	1850.56	75.900	4.140	1.380	0.740
04/01/92	18:35:31	1855.56	1855.56	75.900	4.140	1.380	0.725
04/01/92	18:40:31	1860.56	1860.56	75.800	4.140	1.380	0.785
04/01/92	18:45:31	1865.56	1865.56	75.800	4.140	1.380	0.810
04/01/92	18:50:31	1870.56	1870.56	75.800	4.170	1.380	0.825
04/01/92	18:55:31	1875.56	1875.56	75.800	4.170	1.380	0.865
04/01/92	19:00:31	1880.56	1880.56	75.800	4.140	1.380	0.820
04/01/92	19:05:31	1885.56	1885.56	75.800	4.140	1.380	0.820
04/01/92	19:10:31	1890.56	1890.56	75.800	4.140	1.380	0.780
04/01/92	19:15:31	1895.56	1895.56	75.800	4.140	1.380	0.795
04/01/92	19:20:31	1900.56	1900.56	75.800	4.170	1.380	0.885
04/01/92	19:25:31	1905.56	1905.56	75.800	4.170	1.380	0.900
04/01/92	19:30:31	1910.56	1910.56	75.800	4.170	1.380	0.945
04/01/92	19:35:31	1915.56	1915.56	75.800	4.140	1.380	0.945
04/01/92	19:40:31	1920.56	1920.56	75.800	4.140	1.380	0.935
04/01/92	19:45:31	1925.56	1925.56	75.800	4.170	1.410	1.005
04/01/92	19:50:31	1930.56	1930.56	75.700	4.170	1.380	1.005
04/01/92	19:55:31	1935.56	1935.56	75.800	4.170	1.410	1.045
04/01/92	20:00:31	1940.56	1940.56	75.800	4.170	1.410	1.080
04/01/92	20:05:31	1945.56	1945.56	75.800	4.170	1.410	1.050
04/01/92	20:10:31	1950.56	1950.56	75.800	4.170	1.380	1.090
04/01/92	20:15:31	1955.56	1955.56	75.800	4.170	1.380	1.085
04/01/92	20:20:31	1960.56	1960.56	75.700	4.200	1.410	1.120
04/01/92	20:25:31	1965.56	1965.56	75.700	4.170	1.410	1.165
04/01/92	20:30:31	1970.56	1970.56	75.700	4.170	1.410	1.155
04/01/92	20:35:31	1975.56	1975.56	75.700	4.170	1.410	1.195
04/01/92	20:40:31	1980.56	1980.56	75.800	4.200	1.410	1.190
04/01/92	20:45:31	1985.56	1985.56	75.700	4.200	1.410	1.250
04/01/92	20:50:31	1990.56	1990.56	75.700	4.200	1.410	1.250
04/01/92	20:55:31	1995.56	1995.56	75.700	4.200	1.410	1.270
04/01/92	21:00:31	2000.56	2000.56	75.700	4.200	1.410	1.270
04/01/92	21:05:31	2005.56	2005.56	75.700	4.200	1.410	1.305
04/01/92	21:10:31	2010.56	2010.56	75.700	4.230	1.410	1.340

BACKGROUND

Date	Real Time	Total Elapsed Time (Min)	Background Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/01/92	21:15:31	2015.56	2015.56	75.700	4.230	1.410	1.375
04/01/92	21:20:31	2020.56	2020.56	75.700	4.230	1.440	1.375
04/01/92	21:25:31	2025.56	2025.56	75.700	4.230	1.440	1.385
04/01/92	21:30:31	2030.56	2030.56	75.700	4.230	1.410	1.410
04/01/92	21:35:31	2035.56	2035.56	75.700	4.230	1.410	1.430
04/01/92	21:40:31	2040.56	2040.56	75.700	4.230	1.440	1.455
04/01/92	21:45:31	2045.56	2045.56	75.700	4.230	1.440	1.465
04/01/92	21:50:31	2050.56	2050.56	75.700	4.260	1.440	1.520
04/01/92	21:55:31	2055.56	2055.56	75.700	4.260	1.440	1.535
04/01/92	22:00:31	2060.56	2060.56	75.700	4.260	1.440	1.545
04/01/92	22:05:31	2065.56	2065.56	75.600	4.260	1.440	1.515
04/01/92	22:10:31	2070.56	2070.56	75.600	4.260	1.440	1.555
04/01/92	22:15:31	2075.56	2075.56	75.700	4.260	1.440	1.600
04/01/92	22:20:31	2080.56	2080.56	75.700	4.260	1.440	1.650
04/01/92	22:25:31	2085.56	2085.56	75.700	4.290	1.470	1.635
04/01/92	22:30:31	2090.56	2090.56	75.600	4.290	1.440	1.645
04/01/92	22:35:31	2095.56	2095.56	75.600	4.290	1.470	1.650
04/01/92	22:40:31	2100.56	2100.56	75.600	4.290	1.440	1.700
04/01/92	22:45:31	2105.56	2105.56	75.600	4.290	1.470	1.715
04/01/92	22:50:31	2110.56	2110.56	75.600	4.290	1.470	1.710
04/01/92	22:55:31	2115.56	2115.56	75.600	4.320	1.470	1.720
04/01/92	23:00:31	2120.56	2120.56	75.600	4.290	1.470	1.735
04/01/92	23:05:31	2125.56	2125.56	75.600	4.320	1.470	1.785
04/01/92	23:10:31	2130.56	2130.56	75.600	4.320	1.470	1.785
04/01/92	23:15:31	2135.56	2135.56	75.600	4.320	1.470	1.830
04/01/92	23:20:31	2140.56	2140.56	75.600	4.320	1.500	1.805
04/01/92	23:25:31	2145.56	2145.56	75.600	4.350	1.470	1.840
04/01/92	23:30:31	2150.56	2150.56	75.600	4.320	1.500	1.845
04/01/92	23:35:31	2155.56	2155.56	75.600	4.350	1.500	1.845
04/01/92	23:40:31	2160.56	2160.56	75.600	4.350	1.500	1.870
04/01/92	23:45:31	2165.56	2165.56	75.600	4.350	1.500	1.875
04/01/92	23:50:31	2170.56	2170.56	75.600	4.350	1.500	1.915
04/01/92	23:55:31	2175.56	2175.56	75.600	4.350	1.500	1.890
04/02/92	00:00:31	2180.56	2180.56	75.500	4.350	1.500	1.915
04/02/92	00:05:31	2185.56	2185.56	75.500	4.350	1.500	1.905
04/02/92	00:10:31	2190.56	2190.56	75.500	4.350	1.500	1.925
04/02/92	00:15:31	2195.56	2195.56	75.600	4.350	1.500	1.930
04/02/92	00:20:31	2200.56	2200.56	75.500	4.350	1.500	1.930
04/02/92	00:25:31	2205.56	2205.56	75.500	4.380	1.500	1.950
04/02/92	00:30:31	2210.56	2210.56	75.500	4.350	1.500	1.930
04/02/92	00:35:31	2215.56	2215.56	75.500	4.380	1.530	1.930
04/02/92	00:40:31	2220.56	2220.56	75.500	4.350	1.530	1.920
04/02/92	00:45:31	2225.56	2225.56	75.500	4.380	1.500	1.940
04/02/92	00:50:31	2230.56	2230.56	75.500	4.380	1.530	1.910
04/02/92	00:55:31	2235.56	2235.56	75.500	4.380	1.530	1.915
04/02/92	01:00:31	2240.56	2240.56	75.400	4.380	1.530	1.910
04/02/92	01:05:31	2245.56	2245.56	75.400	4.380	1.500	1.940
04/02/92	01:10:31	2250.56	2250.56	75.400	4.380	1.530	1.915
04/02/92	01:15:31	2255.56	2255.56	75.400	4.380	1.530	1.880
04/02/92	01:20:31	2260.56	2260.56	75.400	4.380	1.500	1.865
04/02/92	01:25:31	2265.56	2265.56	75.400	4.380	1.530	1.870
04/02/92	01:30:31	2270.56	2270.56	75.400	4.380	1.530	1.890
04/02/92	01:35:31	2275.56	2275.56	75.400	4.380	1.530	1.855
04/02/92	01:40:31	2280.56	2280.56	75.400	4.380	1.500	1.820
04/02/92	01:45:31	2285.56	2285.56	75.400	4.380	1.530	1.815
04/02/92	01:50:31	2290.56	2290.56	75.400	4.380	1.530	1.820
04/02/92	01:55:31	2295.56	2295.56	75.400	4.380	1.530	1.825
04/02/92	02:00:31	2300.56	2300.56	75.300	4.380	1.530	1.795
04/02/92	02:05:31	2305.56	2305.56	75.400	4.380	1.500	1.760
04/02/92	02:10:31	2310.56	2310.56	75.300	4.350	1.500	1.745
04/02/92	02:15:31	2315.56	2315.56	75.300	4.350	1.530	1.725

BACKGROUND

Date	Real Time	Total Elapsed Time (Min)	Background Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	02:20:31	2320.56	2320.56	75.300	4.350	1.500	1.745
04/02/92	02:25:31	2325.56	2325.56	75.300	4.350	1.500	1.700
04/02/92	02:30:31	2330.56	2330.56	75.300	4.350	1.500	1.690
04/02/92	02:35:31	2335.56	2335.56	75.300	4.350	1.500	1.640
04/02/92	02:40:31	2340.56	2340.56	75.300	4.350	1.500	1.650
04/02/92	02:45:31	2345.56	2345.56	75.300	4.350	1.500	1.630
04/02/92	02:50:31	2350.56	2350.56	75.300	4.320	1.500	1.630
04/02/92	02:55:31	2355.56	2355.56	75.300	4.350	1.500	1.600
04/02/92	03:00:31	2360.56	2360.56	75.300	4.320	1.500	1.585
04/02/92	03:05:31	2365.56	2365.56	75.300	4.350	1.500	1.580
04/02/92	03:10:31	2370.56	2370.56	75.200	4.320	1.500	1.545
04/02/92	03:15:31	2375.56	2375.56	75.200	4.320	1.500	1.530
04/02/92	03:20:31	2380.56	2380.56	75.200	4.320	1.500	1.490
04/02/92	03:25:31	2385.56	2385.56	75.200	4.320	1.470	1.480
04/02/92	03:30:31	2390.56	2390.56	75.200	4.320	1.470	1.465
04/02/92	03:35:31	2395.56	2395.56	75.200	4.320	1.470	1.450
04/02/92	03:40:31	2400.56	2400.56	75.200	4.320	1.470	1.440
04/02/92	03:45:31	2405.56	2405.56	75.200	4.290	1.470	1.420
04/02/92	03:50:31	2410.56	2410.56	75.200	4.290	1.470	1.400
04/02/92	03:55:31	2415.56	2415.56	75.200	4.290	1.470	1.355
04/02/92	04:00:31	2420.56	2420.56	75.200	4.290	1.470	1.345
04/02/92	04:05:31	2425.56	2425.56	75.100	4.290	1.470	1.335
04/02/92	04:10:31	2430.56	2430.56	75.200	4.290	1.470	1.350
04/02/92	04:15:31	2435.56	2435.56	75.100	4.260	1.470	1.330
04/02/92	04:20:31	2440.56	2440.56	75.100	4.260	1.470	1.285
04/02/92	04:25:31	2445.56	2445.56	75.100	4.260	1.440	1.280
04/02/92	04:30:31	2450.56	2450.56	75.100	4.260	1.440	1.255
04/02/92	04:35:31	2455.56	2455.56	75.100	4.260	1.440	1.255
04/02/92	04:40:31	2460.56	2460.56	75.100	4.230	1.440	1.210
04/02/92	04:45:31	2465.56	2465.56	75.100	4.260	1.440	1.185
04/02/92	04:50:31	2470.56	2470.56	75.000	4.230	1.440	1.175
04/02/92	04:55:31	2475.56	2475.56	75.100	4.230	1.440	1.170
04/02/92	05:00:31	2480.56	2480.56	75.100	4.230	1.440	1.170
04/02/92	05:05:31	2485.56	2485.56	75.000	4.230	1.440	1.140
04/02/92	05:10:31	2490.56	2490.56	75.000	4.230	1.440	1.105
04/02/92	05:15:31	2495.56	2495.56	75.100	4.230	1.440	1.090
04/02/92	05:20:31	2500.56	2500.56	75.000	4.230	1.440	1.070
04/02/92	05:25:31	2505.56	2505.56	75.000	4.230	1.410	1.075
04/02/92	05:30:31	2510.56	2510.56	75.000	4.200	1.410	1.055
04/02/92	05:35:31	2515.56	2515.56	75.000	4.200	1.410	1.035
04/02/92	05:40:31	2520.56	2520.56	75.000	4.200	1.410	1.025
04/02/92	05:45:31	2525.56	2525.56	75.000	4.200	1.410	1.035
04/02/92	05:50:31	2530.56	2530.56	75.000	4.200	1.410	1.030
04/02/92	05:55:31	2535.56	2535.56	75.000	4.170	1.410	1.000
04/02/92	06:00:31	2540.56	2540.56	75.000	4.200	1.410	0.985
04/02/92	06:05:31	2545.56	2545.56	75.000	4.200	1.410	0.970
04/02/92	06:10:31	2550.56	2550.56	75.000	4.200	1.410	0.995
04/02/92	06:15:31	2555.56	2555.56	74.900	4.170	1.410	0.975
04/02/92	06:20:31	2560.56	2560.56	74.900	4.170	1.410	0.955
04/02/92	06:25:31	2565.56	2565.56	74.900	4.170	1.410	0.940
04/02/92	06:30:31	2570.56	2570.56	74.900	4.170	1.380	0.950
04/02/92	06:35:31	2575.56	2575.56	74.900	4.170	1.380	0.980
04/02/92	06:40:31	2580.56	2580.56	74.900	4.170	1.380	0.975
04/02/92	06:45:31	2585.56	2585.56	74.900	4.170	1.380	0.950
04/02/92	06:50:31	2590.56	2590.56	74.900	4.170	1.380	0.945
04/02/92	06:55:31	2595.56	2595.56	74.900	4.170	1.380	0.935
04/02/92	07:00:31	2600.56	2600.56	74.900	4.170	1.380	0.985

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:00:33	2600.59	0.00	74.900	4.170	1.380	0.985
04/02/92	07:00:34	2600.61	0.02	74.900	4.170	1.380	0.985
04/02/92	07:00:35	2600.63	0.04	74.900	4.170	1.380	0.985
04/02/92	07:00:36	2600.65	0.05	74.900	4.170	1.380	0.985
04/02/92	07:00:37	2600.66	0.07	74.900	4.170	1.380	0.985
04/02/92	07:00:38	2600.68	0.09	74.900	4.170	1.380	0.985
04/02/92	07:00:39	2600.70	0.11	74.900	4.140	1.380	0.985
04/02/92	07:00:40	2600.72	0.13	74.900	4.170	1.380	0.985
04/02/92	07:00:41	2600.73	0.14	74.900	4.170	1.380	0.985
04/02/92	07:00:42	2600.75	0.15	74.900	4.170	1.380	0.985
04/02/92	07:00:43	2600.76	0.17	74.900	4.170	1.380	0.985
04/02/92	07:00:44	2600.78	0.19	74.900	4.170	1.380	0.985
04/02/92	07:00:45	2600.80	0.20	74.900	4.170	1.380	0.985
04/02/92	07:00:46	2600.81	0.22	74.900	4.170	1.380	0.985
04/02/92	07:00:47	2600.83	0.24	74.900	4.170	1.380	0.985
04/02/92	07:00:48	2600.85	0.25	74.900	4.170	1.380	0.985
04/02/92	07:00:49	2600.87	0.28	74.900	4.170	1.380	0.985
04/02/92	07:00:50	2600.88	0.29	74.900	4.170	1.380	0.985
04/02/92	07:00:51	2600.90	0.31	74.900	4.170	1.380	0.985
04/02/92	07:00:52	2600.91	0.32	74.900	4.170	1.380	0.985
04/02/92	07:00:53	2600.93	0.34	74.900	4.170	1.380	0.985
04/02/92	07:00:54	2600.95	0.35	74.900	4.170	1.380	0.985
04/02/92	07:00:55	2600.96	0.37	74.900	4.170	1.380	0.985
04/02/92	07:00:56	2600.98	0.39	74.900	4.170	1.380	0.985
04/02/92	07:00:57	2601.01	0.41	74.900	4.170	1.380	0.985
04/02/92	07:00:58	2601.02	0.42	74.900	4.170	1.380	0.985
04/02/92	07:00:59	2601.03	0.44	74.900	4.170	1.380	0.985
04/02/92	07:01:00	2601.04	0.45	74.900	4.170	1.380	0.985
04/02/92	07:01:01	2601.06	0.47	74.900	4.170	1.380	0.985
04/02/92	07:01:02	2601.08	0.49	74.900	4.170	1.380	0.990
04/02/92	07:01:03	2601.10	0.50	74.900	4.170	1.380	0.985
04/02/92	07:01:04	2601.11	0.52	74.900	4.170	1.380	0.985
04/02/92	07:01:05	2601.14	0.55	74.900	4.170	1.380	0.985
04/02/92	07:01:06	2601.15	0.56	74.900	4.170	1.380	0.985
04/02/92	07:01:07	2601.16	0.57	74.900	4.170	1.380	0.985
04/02/92	07:01:08	2601.18	0.59	74.900	4.170	1.380	0.985
04/02/92	07:01:09	2601.20	0.60	74.900	4.170	1.380	0.990
04/02/92	07:01:10	2601.21	0.62	74.900	4.170	1.380	0.985
04/02/92	07:01:11	2601.23	0.64	74.900	4.170	1.380	0.985
04/02/92	07:01:12	2601.24	0.65	74.900	4.170	1.380	0.990
04/02/92	07:01:13	2601.27	0.68	74.900	4.170	1.380	0.990
04/02/92	07:01:14	2601.28	0.69	74.900	4.170	1.380	0.990
04/02/92	07:01:15	2601.30	0.71	74.900	4.170	1.380	0.990
04/02/92	07:01:16	2601.31	0.72	74.900	4.170	1.380	0.990
04/02/92	07:01:17	2601.33	0.74	74.900	4.170	1.380	0.990
04/02/92	07:01:18	2601.35	0.75	74.900	4.170	1.380	0.990
04/02/92	07:01:19	2601.36	0.77	74.900	4.170	1.380	0.990
04/02/92	07:01:20	2601.38	0.79	74.900	4.170	1.380	0.990
04/02/92	07:01:21	2601.41	0.82	74.900	4.170	1.380	0.990
04/02/92	07:01:22	2601.42	0.83	74.900	4.170	1.380	0.990
04/02/92	07:01:23	2601.43	0.84	74.900	4.170	1.380	0.995
04/02/92	07:01:24	2601.44	0.85	74.900	4.170	1.380	0.990
04/02/92	07:01:25	2601.46	0.87	74.900	4.170	1.380	0.990
04/02/92	07:01:26	2601.48	0.89	74.900	4.170	1.380	0.990
04/02/92	07:01:27	2601.50	0.90	74.900	4.170	1.380	0.995

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:01:28	2601.51	0.92	74.900	4.170	1.380	0.995
04/02/92	07:01:29	2601.54	0.95	74.900	4.170	1.380	0.995
04/02/92	07:01:30	2601.55	0.96	74.900	4.170	1.380	0.995
04/02/92	07:01:31	2601.56	0.97	74.900	4.170	1.380	0.995
04/02/92	07:01:32	2601.58	0.99	74.900	4.170	1.380	0.990
04/02/92	07:01:33	2601.60	1.01	74.900	4.170	1.380	0.995
04/02/92	07:01:34	2601.61	1.02	74.900	4.170	1.380	0.995
04/02/92	07:01:35	2601.63	1.04	74.900	4.170	1.380	0.995
04/02/92	07:01:36	2601.65	1.05	74.900	4.170	1.380	0.995
04/02/92	07:01:37	2601.67	1.08	74.900	4.170	1.380	0.995
04/02/92	07:01:38	2601.68	1.09	74.900	4.170	1.380	0.995
04/02/92	07:01:39	2601.70	1.11	74.900	4.170	1.380	0.995
04/02/92	07:01:40	2601.71	1.12	74.900	4.170	1.380	0.995
04/02/92	07:01:41	2601.73	1.14	74.900	4.170	1.380	0.995
04/02/92	07:01:42	2601.75	1.15	74.900	4.170	1.380	0.995
04/02/92	07:01:43	2601.76	1.17	74.900	4.170	1.380	0.995
04/02/92	07:01:44	2601.78	1.19	73.100	4.170	1.380	0.995
04/02/92	07:01:45	2601.80	1.21	71.200	4.170	1.380	0.990
04/02/92	07:01:46	2601.82	1.22	72.200	4.170	1.380	0.990
04/02/92	07:01:47	2601.83	1.24	72.300	4.170	1.380	0.995
04/02/92	07:01:48	2601.84	1.25	71.400	4.170	1.380	0.995
04/02/92	07:01:49	2601.86	1.27	72.100	4.170	1.380	0.995
04/02/92	07:01:50	2601.88	1.29	72.500	4.170	1.380	0.995
04/02/92	07:01:51	2601.90	1.30	73.000	4.170	1.380	0.995
04/02/92	07:01:52	2601.91	1.32	72.900	4.170	1.380	0.995
04/02/92	07:01:53	2601.94	1.35	73.700	4.170	1.380	0.995
04/02/92	07:01:54	2601.95	1.36	73.500	4.170	1.380	0.995
04/02/92	07:01:55	2601.96	1.37	73.800	4.170	1.380	0.995
04/02/92	07:01:56	2601.98	1.39	74.100	4.170	1.380	0.995
04/02/92	07:01:57	2602.00	1.40	74.100	4.170	1.380	0.995
04/02/92	07:01:58	2602.01	1.42	74.500	4.170	1.380	0.995
04/02/92	07:01:59	2602.03	1.44	74.400	4.170	1.380	0.995
04/02/92	07:02:00	2602.05	1.45	74.600	4.170	1.380	0.995
04/02/92	07:02:01	2602.07	1.48	74.700	4.170	1.380	0.995
04/02/92	07:02:02	2602.08	1.49	74.900	4.170	1.380	1.000
04/02/92	07:02:03	2602.09	1.50	74.700	4.170	1.380	1.000
04/02/92	07:02:04	2602.11	1.52	75.000	4.170	1.380	0.995
04/02/92	07:02:05	2602.13	1.54	75.000	4.170	1.380	1.000
04/02/92	07:02:06	2602.14	1.55	75.100	4.170	1.380	1.000
04/02/92	07:02:07	2602.16	1.57	75.100	4.170	1.380	1.000
04/02/92	07:02:08	2602.18	1.59	75.100	4.170	1.380	0.995
04/02/92	07:02:09	2602.21	1.61	75.300	4.170	1.380	1.000
04/02/92	07:02:10	2602.22	1.63	75.400	4.170	1.380	0.995
04/02/92	07:02:11	2602.23	1.64	75.600	4.170	1.380	0.995
04/02/92	07:02:12	2602.25	1.66	75.600	4.170	1.380	0.995
04/02/92	07:02:13	2602.26	1.67	75.800	4.170	1.380	0.995
04/02/92	07:02:14	2602.28	1.69	75.800	4.170	1.380	0.995
04/02/92	07:02:15	2602.30	1.70	76.000	4.170	1.380	0.995
04/02/92	07:02:16	2602.31	1.72	76.200	4.170	1.380	1.000
04/02/92	07:02:17	2602.34	1.75	76.600	4.170	1.380	1.000
04/02/92	07:02:18	2602.35	1.76	76.900	4.170	1.380	1.000
04/02/92	07:02:19	2602.36	1.77	77.100	4.170	1.380	1.000
04/02/92	07:02:20	2602.38	1.79	77.300	4.170	1.380	0.995
04/02/92	07:02:21	2602.40	1.80	77.600	4.170	1.380	1.000
04/02/92	07:02:22	2602.41	1.82	77.700	4.170	1.380	1.000

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:02:23	2602.43	1.84	77.900	4.170	1.380	0.995
04/02/92	07:02:24	2602.45	1.85	78.000	4.170	1.380	1.000
04/02/92	07:02:25	2602.47	1.88	78.300	4.170	1.380	0.995
04/02/92	07:02:26	2602.48	1.89	78.700	4.170	1.380	1.000
04/02/92	07:02:27	2602.49	1.90	78.800	4.170	1.380	1.000
04/02/92	07:02:28	2602.51	1.92	79.000	4.170	1.380	0.995
04/02/92	07:02:29	2602.53	1.94	79.000	4.170	1.380	0.995
04/02/92	07:02:30	2602.55	1.95	79.100	4.170	1.380	1.000
04/02/92	07:02:31	2602.56	1.97	79.000	4.170	1.380	1.000
04/02/92	07:02:32	2602.58	1.99	79.200	4.170	1.380	1.000
04/02/92	07:02:33	2602.61	2.01	78.800	4.170	1.380	1.000
04/02/92	07:02:34	2602.62	2.02	79.400	4.170	1.380	1.000
04/02/92	07:02:35	2602.63	2.04	79.200	4.170	1.380	1.000
04/02/92	07:02:36	2602.65	2.05	78.800	4.170	1.380	1.000
04/02/92	07:02:37	2602.66	2.07	79.300	4.170	1.380	1.000
04/02/92	07:02:38	2602.68	2.09	78.800	4.170	1.380	1.000
04/02/92	07:02:39	2602.69	2.10	78.900	4.170	1.380	1.000
04/02/92	07:02:40	2602.71	2.12	77.900	4.170	1.380	0.995
04/02/92	07:02:41	2602.74	2.15	78.300	4.170	1.380	1.000
04/02/92	07:02:42	2602.75	2.16	78.100	4.170	1.380	1.000
04/02/92	07:02:43	2602.77	2.18	78.900	4.170	1.380	1.000
04/02/92	07:02:44	2602.78	2.19	78.400	4.170	1.380	1.000
04/02/92	07:02:45	2602.80	2.20	77.500	4.170	1.380	1.000
04/02/92	07:02:46	2602.81	2.22	78.200	4.170	1.380	1.000
04/02/92	07:02:47	2602.83	2.24	77.800	4.170	1.380	1.000
04/02/92	07:02:48	2602.85	2.26	77.500	4.170	1.380	0.995
04/02/92	07:02:49	2602.87	2.28	77.600	4.170	1.380	1.000
04/02/92	07:02:50	2602.88	2.29	76.900	4.170	1.380	1.000
04/02/92	07:02:51	2602.89	2.30	77.200	4.170	1.380	1.000
04/02/92	07:02:52	2602.91	2.32	76.700	4.170	1.380	1.000
04/02/92	07:02:53	2602.93	2.34	76.500	4.170	1.380	1.000
04/02/92	07:02:54	2602.95	2.35	76.300	4.170	1.380	1.000
04/02/92	07:02:55	2602.96	2.37	76.100	4.170	1.380	1.000
04/02/92	07:02:56	2602.98	2.39	75.600	4.170	1.380	1.000
04/02/92	07:02:57	2603.01	2.41	75.000	4.170	1.380	0.995
04/02/92	07:02:58	2603.02	2.42	75.100	4.170	1.380	1.000
04/02/92	07:02:59	2603.03	2.44	74.900	4.170	1.380	1.000
04/02/92	07:03:00	2603.04	2.45	74.800	4.170	1.380	1.000
04/02/92	07:03:01	2603.06	2.47	74.900	4.170	1.380	1.000
04/02/92	07:03:02	2603.08	2.49	75.000	4.170	1.380	1.000
04/02/92	07:03:03	2603.10	2.50	75.000	4.170	1.380	1.000
04/02/92	07:03:04	2603.11	2.52	75.400	4.170	1.380	1.000
04/02/92	07:03:05	2603.14	2.55	75.800	4.170	1.380	1.000
04/02/92	07:03:06	2603.15	2.56	75.900	4.170	1.380	1.000
04/02/92	07:03:07	2603.16	2.57	76.300	4.170	1.380	1.005
04/02/92	07:03:08	2603.18	2.59	76.400	4.170	1.380	1.000
04/02/92	07:03:09	2603.20	2.60	76.500	4.170	1.380	1.000
04/02/92	07:03:10	2603.21	2.62	76.300	4.170	1.380	1.000
04/02/92	07:03:11	2603.23	2.64	76.400	4.170	1.380	1.000
04/02/92	07:03:12	2603.24	2.65	76.300	4.170	1.380	1.000
04/02/92	07:03:13	2603.27	2.68	76.000	4.170	1.380	1.000
04/02/92	07:03:14	2603.28	2.69	76.000	4.170	1.380	1.000
04/02/92	07:03:15	2603.29	2.70	75.900	4.170	1.380	1.000
04/02/92	07:03:16	2603.31	2.72	75.700	4.170	1.380	1.005
04/02/92	07:03:17	2603.33	2.74	75.600	4.170	1.380	1.000

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:03:18	2603.35	2.75	75.700	4.170	1.380	1.000
04/02/92	07:03:19	2603.36	2.77	75.500	4.170	1.380	1.000
04/02/92	07:03:20	2603.38	2.79	75.400	4.170	1.380	1.000
04/02/92	07:03:21	2603.40	2.81	75.100	4.170	1.380	1.000
04/02/92	07:03:22	2603.41	2.82	75.200	4.170	1.380	1.000
04/02/92	07:03:23	2603.43	2.84	75.100	4.170	1.380	1.000
04/02/92	07:03:24	2603.45	2.85	75.100	4.170	1.380	1.000
04/02/92	07:03:25	2603.46	2.87	75.200	4.170	1.380	1.000
04/02/92	07:03:26	2603.48	2.89	75.000	4.170	1.380	1.000
04/02/92	07:03:27	2603.50	2.90	75.000	4.170	1.380	1.000
04/02/92	07:03:28	2603.51	2.92	75.000	4.170	1.380	1.000
04/02/92	07:03:29	2603.54	2.95	74.900	4.170	1.380	1.000
04/02/92	07:03:30	2603.55	2.96	74.900	4.170	1.380	1.000
04/02/92	07:03:31	2603.56	2.97	74.800	4.170	1.380	1.000
04/02/92	07:03:32	2603.58	2.99	74.700	4.170	1.380	1.000
04/02/92	07:03:33	2603.59	3.00	74.400	4.170	1.380	0.995
04/02/92	07:03:34	2603.61	3.02	74.200	4.170	1.380	0.995
04/02/92	07:03:35	2603.63	3.04	74.200	4.170	1.380	0.995
04/02/92	07:03:36	2603.65	3.05	74.300	4.170	1.380	0.995
04/02/92	07:03:37	2603.67	3.08	74.200	4.170	1.380	0.995
04/02/92	07:03:38	2603.68	3.09	74.100	4.170	1.380	1.000
04/02/92	07:03:39	2603.69	3.10	74.100	4.170	1.380	0.995
04/02/92	07:03:40	2603.71	3.12	73.800	4.170	1.380	1.000
04/02/92	07:03:41	2603.73	3.14	73.700	4.170	1.380	1.000
04/02/92	07:03:42	2603.75	3.16	73.500	4.170	1.380	1.000
04/02/92	07:03:43	2603.76	3.17	73.600	4.170	1.380	0.995
04/02/92	07:03:44	2603.78	3.19	74.100	4.170	1.380	1.000
04/02/92	07:03:45	2603.81	3.21	73.700	4.170	1.380	1.000
04/02/92	07:03:46	2603.82	3.22	73.600	4.170	1.380	1.000
04/02/92	07:03:47	2603.83	3.24	72.800	4.170	1.380	0.995
04/02/92	07:03:48	2603.84	3.25	72.300	4.170	1.380	1.000
04/02/92	07:03:49	2603.86	3.27	72.300	4.170	1.380	0.995
04/02/92	07:03:50	2603.88	3.29	72.100	4.170	1.380	0.995
04/02/92	07:03:51	2603.90	3.30	72.200	4.170	1.380	0.995
04/02/92	07:03:52	2603.91	3.32	71.900	4.170	1.380	0.995
04/02/92	07:03:53	2603.94	3.35	71.800	4.170	1.380	0.995
04/02/92	07:03:54	2603.95	3.36	71.700	4.170	1.380	0.995
04/02/92	07:03:55	2603.96	3.37	71.500	4.170	1.380	0.995
04/02/92	07:03:56	2603.98	3.39	71.200	4.170	1.380	1.000
04/02/92	07:03:57	2604.00	3.40	70.800	4.170	1.380	0.995
04/02/92	07:03:58	2604.01	3.42	71.000	4.170	1.380	0.995
04/02/92	07:03:59	2604.03	3.44	70.800	4.170	1.380	1.000
04/02/92	07:04:00	2604.05	3.45	71.000	4.170	1.380	0.995
04/02/92	07:04:01	2604.07	3.48	70.700	4.170	1.380	1.000
04/02/92	07:04:02	2604.08	3.49	70.700	4.170	1.380	1.000
04/02/92	07:04:03	2604.09	3.50	70.600	4.170	1.380	0.995
04/02/92	07:04:04	2604.11	3.52	70.400	4.170	1.380	0.995
04/02/92	07:04:05	2604.13	3.54	70.400	4.170	1.380	1.000
04/02/92	07:04:06	2604.14	3.55	70.200	4.170	1.380	1.000
04/02/92	07:04:07	2604.16	3.57	70.200	4.170	1.380	1.000
04/02/92	07:04:08	2604.18	3.59	70.000	4.170	1.380	1.000
04/02/92	07:04:09	2604.21	3.61	69.800	4.170	1.380	1.000
04/02/92	07:04:10	2604.22	3.63	69.700	4.170	1.380	1.000
04/02/92	07:04:11	2604.23	3.64	69.700	4.170	1.380	1.000
04/02/92	07:04:12	2604.25	3.66	69.600	4.170	1.380	1.000

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal WL Head psi
04/02/92	07:04:13	2604.26	3.67	69.400	4.170	1.380	0.995
04/02/92	07:04:14	2604.28	3.69	69.300	4.170	1.380	0.995
04/02/92	07:04:15	2604.30	3.71	69.200	4.170	1.380	0.995
04/02/92	07:04:16	2604.31	3.72	69.100	4.170	1.380	1.000
04/02/92	07:04:17	2604.34	3.75	68.800	4.170	1.380	0.995
04/02/92	07:04:18	2604.35	3.76	68.800	4.170	1.380	0.995
04/02/92	07:04:19	2604.36	3.77	68.700	4.170	1.380	0.995
04/02/92	07:04:20	2604.38	3.79	68.500	4.170	1.380	0.995
04/02/92	07:04:21	2604.40	3.81	68.400	4.170	1.380	0.995
04/02/92	07:04:22	2604.41	3.82	68.300	4.170	1.380	0.995
04/02/92	07:04:23	2604.43	3.84	68.200	4.170	1.380	0.995
04/02/92	07:04:24	2604.45	3.86	68.100	4.170	1.380	0.995
04/02/92	07:04:25	2604.47	3.88	67.900	4.170	1.380	0.995
04/02/92	07:04:26	2604.48	3.89	67.800	4.170	1.380	0.995
04/02/92	07:04:27	2604.49	3.90	67.700	4.170	1.380	0.995
04/02/92	07:04:28	2604.51	3.92	67.500	4.170	1.380	0.995
04/02/92	07:04:29	2604.53	3.94	67.400	4.170	1.380	0.995
04/02/92	07:04:30	2604.55	3.95	67.300	4.170	1.380	0.995
04/02/92	07:04:31	2604.56	3.97	67.100	4.170	1.380	0.995
04/02/92	07:04:32	2604.58	3.99	67.000	4.170	1.380	0.995
04/02/92	07:04:33	2604.61	4.01	66.800	4.170	1.380	0.995
04/02/92	07:04:34	2604.62	4.02	66.700	4.140	1.380	0.995
04/02/92	07:04:35	2604.63	4.04	66.600	4.170	1.380	0.995
04/02/92	07:04:36	2604.65	4.06	66.400	4.170	1.380	0.995
04/02/92	07:04:37	2604.66	4.07	66.300	4.170	1.380	0.990
04/02/92	07:04:38	2604.68	4.09	66.100	4.170	1.380	0.995
04/02/92	07:04:39	2604.70	4.10	66.000	4.170	1.380	0.995
04/02/92	07:04:40	2604.71	4.12	65.800	4.170	1.380	0.995
04/02/92	07:04:41	2604.74	4.15	65.400	4.170	1.380	0.990
04/02/92	07:04:42	2604.75	4.16	65.300	4.170	1.380	0.995
04/02/92	07:04:43	2604.76	4.17	65.100	4.170	1.380	0.990
04/02/92	07:04:44	2604.78	4.19	64.800	4.170	1.380	0.995
04/02/92	07:04:45	2604.80	4.20	64.700	4.170	1.380	0.990
04/02/92	07:04:46	2604.81	4.22	64.600	4.170	1.380	0.990
04/02/92	07:04:47	2604.83	4.24	64.600	4.170	1.380	0.990
04/02/92	07:04:48	2604.84	4.25	64.600	4.170	1.380	0.990
04/02/92	07:04:49	2604.87	4.28	64.500	4.170	1.380	0.990
04/02/92	07:04:50	2604.88	4.29	64.400	4.170	1.380	0.990
04/02/92	07:04:51	2604.89	4.30	64.300	4.170	1.380	0.990
04/02/92	07:04:52	2604.91	4.32	64.300	4.170	1.380	0.990
04/02/92	07:04:53	2604.93	4.34	64.100	4.170	1.380	0.990
04/02/92	07:04:54	2604.95	4.35	64.100	4.170	1.380	0.990
04/02/92	07:04:55	2604.96	4.37	63.900	4.170	1.380	0.990
04/02/92	07:04:56	2604.98	4.39	63.800	4.170	1.380	0.990
04/02/92	07:04:57	2605.01	4.42	63.600	4.170	1.380	0.990
04/02/92	07:04:58	2605.02	4.43	63.500	4.170	1.380	0.990
04/02/92	07:04:59	2605.03	4.44	63.400	4.170	1.380	0.990
04/02/92	07:05:00	2605.04	4.45	63.300	4.170	1.380	0.990
04/02/92	07:05:01	2605.06	4.47	63.100	4.170	1.380	0.990
04/02/92	07:05:02	2605.08	4.49	62.900	4.170	1.380	0.990
04/02/92	07:05:03	2605.10	4.50	62.800	4.170	1.380	0.995
04/02/92	07:05:04	2605.11	4.52	62.700	4.170	1.380	0.995
04/02/92	07:05:05	2605.14	4.55	62.500	4.170	1.380	0.995
04/02/92	07:05:06	2605.15	4.56	62.400	4.170	1.380	0.990
04/02/92	07:05:07	2605.16	4.57	62.300	4.170	1.380	0.990

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:05:08	2605.18	4.59	62.200	4.170	1.380	0.995
04/02/92	07:05:09	2605.20	4.61	62.100	4.170	1.380	0.995
04/02/92	07:05:10	2605.21	4.62	61.900	4.170	1.380	0.990
04/02/92	07:05:11	2605.23	4.64	61.800	4.170	1.380	0.995
04/02/92	07:05:12	2605.25	4.66	61.700	4.170	1.380	0.995
04/02/92	07:05:13	2605.27	4.68	61.500	4.170	1.380	0.990
04/02/92	07:05:14	2605.28	4.69	61.400	4.170	1.380	0.990
04/02/92	07:05:15	2605.29	4.70	61.200	4.170	1.380	0.990
04/02/92	07:05:16	2605.31	4.72	61.000	4.170	1.380	0.990
04/02/92	07:05:17	2605.33	4.74	61.100	4.170	1.380	0.990
04/02/92	07:05:18	2605.35	4.75	60.900	4.170	1.380	0.990
04/02/92	07:05:19	2605.36	4.77	60.800	4.170	1.380	0.990
04/02/92	07:05:20	2605.38	4.79	60.700	4.170	1.380	0.990
04/02/92	07:05:21	2605.40	4.81	60.700	4.170	1.380	0.990
04/02/92	07:05:22	2605.42	4.82	60.600	4.170	1.380	0.990
04/02/92	07:05:23	2605.43	4.84	60.300	4.170	1.380	0.990
04/02/92	07:05:24	2605.45	4.85	60.200	4.170	1.380	0.990
04/02/92	07:05:25	2605.46	4.87	60.000	4.170	1.380	0.990
04/02/92	07:05:26	2605.48	4.89	59.800	4.170	1.380	0.990
04/02/92	07:05:27	2605.50	4.90	59.800	4.170	1.380	0.990
04/02/92	07:05:28	2605.51	4.92	59.500	4.170	1.380	0.990
04/02/92	07:05:29	2605.54	4.95	59.400	4.170	1.380	0.990
04/02/92	07:05:30	2605.55	4.96	59.200	4.170	1.380	0.990
04/02/92	07:05:31	2605.56	4.97	59.200	4.170	1.380	0.990
04/02/92	07:05:32	2605.58	4.99	59.100	4.170	1.380	0.985
04/02/92	07:05:33	2605.60	5.00	58.900	4.170	1.380	0.990
04/02/92	07:05:34	2605.61	5.02	58.900	4.170	1.380	0.990
04/02/92	07:05:35	2605.63	5.04	58.800	4.170	1.380	0.990
04/02/92	07:05:36	2605.65	5.05	58.700	4.170	1.380	0.990
04/02/92	07:05:37	2605.67	5.08	58.300	4.170	1.380	0.985
04/02/92	07:05:38	2605.68	5.09	58.400	4.170	1.380	0.990
04/02/92	07:05:39	2605.70	5.11	58.100	4.170	1.380	0.985
04/02/92	07:05:40	2605.71	5.12	58.000	4.170	1.380	0.985
04/02/92	07:05:41	2605.73	5.14	58.000	4.170	1.380	0.985
04/02/92	07:05:42	2605.74	5.15	57.700	4.170	1.380	0.985
04/02/92	07:05:43	2605.76	5.17	57.700	4.170	1.380	0.985
04/02/92	07:05:44	2605.78	5.19	57.400	4.170	1.380	0.985
04/02/92	07:05:45	2605.81	5.21	57.500	4.170	1.380	0.985
04/02/92	07:05:46	2605.82	5.22	57.500	4.170	1.380	0.985
04/02/92	07:05:47	2605.83	5.24	57.200	4.170	1.380	0.985
04/02/92	07:05:48	2605.84	5.25	57.100	4.170	1.380	0.985
04/02/92	07:05:49	2605.86	5.27	57.000	4.170	1.380	0.985
04/02/92	07:05:50	2605.88	5.29	56.800	4.170	1.380	0.985
04/02/92	07:05:51	2605.90	5.31	56.700	4.170	1.380	0.985
04/02/92	07:05:52	2605.91	5.32	56.500	4.170	1.380	0.985
04/02/92	07:05:53	2605.94	5.35	56.200	4.170	1.380	0.985
04/02/92	07:05:54	2605.95	5.36	56.100	4.170	1.380	0.985
04/02/92	07:05:55	2605.96	5.37	56.000	4.170	1.380	0.985
04/02/92	07:05:56	2605.98	5.39	55.900	4.170	1.380	0.985
04/02/92	07:05:57	2606.00	5.40	55.700	4.170	1.380	0.985
04/02/92	07:05:58	2606.01	5.42	55.600	4.170	1.380	0.985
04/02/92	07:05:59	2606.03	5.44	55.800	4.170	1.380	0.985
04/02/92	07:06:00	2606.05	5.45	55.600	4.170	1.380	0.985
04/02/92	07:06:01	2606.07	5.48	55.200	4.170	1.380	0.985
04/02/92	07:06:02	2606.08	5.49	55.600	4.170	1.380	0.985

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:06:03	2606.09	5.50	55.000	4.170	1.380	0.985
04/02/92	07:06:04	2606.11	5.52	54.800	4.170	1.380	0.985
04/02/92	07:06:05	2606.13	5.54	54.900	4.170	1.380	0.980
04/02/92	07:06:06	2606.15	5.55	54.100	4.170	1.380	0.980
04/02/92	07:06:07	2606.16	5.57	54.600	4.170	1.380	0.985
04/02/92	07:06:08	2606.18	5.59	53.900	4.170	1.380	0.985
04/02/92	07:06:09	2606.21	5.61	54.200	4.170	1.380	0.985
04/02/92	07:06:10	2606.22	5.63	53.700	4.170	1.380	0.980
04/02/92	07:06:11	2606.23	5.64	53.500	4.170	1.380	0.985
04/02/92	07:06:12	2606.25	5.66	53.700	4.170	1.380	0.980
04/02/92	07:06:13	2606.26	5.67	53.100	4.170	1.380	0.980
04/02/92	07:06:14	2606.28	5.69	53.300	4.170	1.380	0.980
04/02/92	07:06:15	2606.29	5.70	52.900	4.170	1.380	0.980
04/02/92	07:06:16	2606.31	5.72	52.700	4.170	1.380	0.985
04/02/92	07:06:17	2606.34	5.75	52.400	4.170	1.380	0.985
04/02/92	07:06:18	2606.35	5.76	52.200	4.170	1.380	0.985
04/02/92	07:06:19	2606.36	5.77	52.200	4.170	1.380	0.985
04/02/92	07:06:20	2606.38	5.79	51.800	4.170	1.380	0.980
04/02/92	07:06:21	2606.40	5.80	51.500	4.170	1.380	0.980
04/02/92	07:06:22	2606.41	5.82	51.100	4.170	1.380	0.980
04/02/92	07:06:23	2606.43	5.84	50.700	4.170	1.380	0.980
04/02/92	07:06:24	2606.45	5.86	50.600	4.170	1.380	0.980
04/02/92	07:06:25	2606.47	5.88	50.300	4.170	1.380	0.980
04/02/92	07:06:26	2606.48	5.89	50.500	4.170	1.380	0.980
04/02/92	07:06:27	2606.49	5.90	50.500	4.170	1.380	0.980
04/02/92	07:06:28	2606.51	5.92	50.500	4.170	1.380	0.980
04/02/92	07:06:29	2606.53	5.94	50.700	4.170	1.380	0.980
04/02/92	07:06:30	2606.55	5.95	50.700	4.170	1.380	0.980
04/02/92	07:06:31	2606.56	5.97	50.800	4.170	1.380	0.980
04/02/92	07:06:32	2606.58	5.99	50.700	4.170	1.380	0.980
04/02/92	07:06:33	2606.61	6.01	50.800	4.170	1.380	0.980
04/02/92	07:06:34	2606.62	6.02	50.600	4.170	1.380	0.980
04/02/92	07:06:35	2606.63	6.04	50.400	4.170	1.380	0.980
04/02/92	07:06:36	2606.64	6.05	50.400	4.170	1.380	0.980
04/02/92	07:06:37	2606.66	6.07	50.100	4.170	1.380	0.980
04/02/92	07:06:38	2606.68	6.09	50.100	4.170	1.380	0.980
04/02/92	07:06:39	2606.70	6.10	49.800	4.170	1.380	0.980
04/02/92	07:06:40	2606.71	6.12	49.600	4.170	1.380	0.975
04/02/92	07:06:41	2606.74	6.15	49.200	4.170	1.380	0.980
04/02/92	07:06:42	2606.75	6.16	49.100	4.170	1.380	0.980
04/02/92	07:06:43	2606.76	6.17	49.100	4.170	1.380	0.980
04/02/92	07:06:44	2606.78	6.19	48.800	4.170	1.380	0.980
04/02/92	07:06:45	2606.80	6.20	48.700	4.170	1.380	0.980
04/02/92	07:06:46	2606.81	6.22	48.600	4.170	1.380	0.980
04/02/92	07:06:47	2606.83	6.24	48.300	4.170	1.380	0.980
04/02/92	07:06:48	2606.84	6.25	48.300	4.170	1.380	0.980
04/02/92	07:06:49	2606.87	6.28	47.900	4.170	1.380	0.980
04/02/92	07:06:50	2606.88	6.29	47.900	4.170	1.380	0.980
04/02/92	07:06:51	2606.89	6.30	47.800	4.170	1.380	0.980
04/02/92	07:06:52	2606.91	6.32	47.500	4.170	1.380	0.980
04/02/92	07:06:53	2606.93	6.34	47.400	4.170	1.380	0.980
04/02/92	07:06:54	2606.95	6.35	47.100	4.170	1.380	0.980
04/02/92	07:06:55	2606.96	6.37	46.900	4.170	1.380	0.980
04/02/92	07:06:56	2606.98	6.39	46.900	4.170	1.380	0.980
04/02/92	07:06:57	2607.00	6.41	46.400	4.170	1.380	0.975

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:06:58	2607.01	6.42	46.300	4.170	1.380	0.980
04/02/92	07:06:59	2607.03	6.44	46.200	4.170	1.380	0.975
04/02/92	07:07:00	2607.05	6.45	45.900	4.170	1.380	0.980
04/02/92	07:07:01	2607.06	6.47	45.800	4.170	1.380	0.975
04/02/92	07:07:02	2607.08	6.49	45.600	4.170	1.380	0.975
04/02/92	07:07:03	2607.10	6.50	45.400	4.170	1.380	0.975
04/02/92	07:07:04	2607.11	6.52	45.200	4.170	1.380	0.975
04/02/92	07:07:05	2607.14	6.55	45.200	4.170	1.380	0.975
04/02/92	07:07:06	2607.15	6.56	45.200	4.170	1.380	0.975
04/02/92	07:07:07	2607.16	6.57	45.000	4.170	1.380	0.975
04/02/92	07:07:08	2607.18	6.59	44.900	4.170	1.380	0.975
04/02/92	07:07:09	2607.19	6.60	44.800	4.170	1.380	0.975
04/02/92	07:07:10	2607.21	6.62	44.600	4.170	1.380	0.975
04/02/92	07:07:11	2607.23	6.64	44.600	4.170	1.380	0.975
04/02/92	07:07:12	2607.25	6.66	44.300	4.170	1.380	0.970
04/02/92	07:07:13	2607.27	6.68	44.200	4.170	1.380	0.975
04/02/92	07:07:14	2607.28	6.69	44.100	4.170	1.380	0.975
04/02/92	07:07:15	2607.29	6.70	43.900	4.170	1.380	0.975
04/02/92	07:07:16	2607.31	6.72	43.800	4.170	1.380	0.975
04/02/92	07:07:17	2607.33	6.74	43.700	4.170	1.380	0.975
04/02/92	07:07:18	2607.35	6.76	43.600	4.170	1.380	0.975
04/02/92	07:07:19	2607.36	6.77	43.400	4.170	1.380	0.970
04/02/92	07:07:20	2607.38	6.79	43.300	4.170	1.380	0.975
04/02/92	07:07:21	2607.41	6.81	43.100	4.170	1.380	0.970
04/02/92	07:07:22	2607.42	6.82	43.000	4.170	1.380	0.970
04/02/92	07:07:23	2607.43	6.84	42.900	4.170	1.380	0.970
04/02/92	07:07:24	2607.44	6.85	42.800	4.170	1.380	0.975
04/02/92	07:07:25	2607.46	6.87	42.600	4.170	1.380	0.970
04/02/92	07:07:26	2607.48	6.89	42.500	4.170	1.380	0.975
04/02/92	07:07:27	2607.50	6.90	42.400	4.170	1.380	0.970
04/02/92	07:07:28	2607.51	6.92	42.200	4.170	1.380	0.970
04/02/92	07:07:29	2607.54	6.95	42.000	4.170	1.380	0.970
04/02/92	07:07:30	2607.55	6.96	41.900	4.170	1.380	0.970
04/02/92	07:07:31	2607.57	6.98	41.800	4.170	1.380	0.970
04/02/92	07:07:32	2607.58	6.99	41.700	4.170	1.380	0.970
04/02/92	07:07:33	2607.60	7.00	41.600	4.170	1.380	0.970
04/02/92	07:07:34	2607.61	7.02	41.400	4.170	1.380	0.970
04/02/92	07:07:35	2607.63	7.04	41.200	4.170	1.380	0.970
04/02/92	07:07:36	2607.65	7.05	41.100	4.170	1.380	0.970
04/02/92	07:07:37	2607.67	7.08	41.000	4.170	1.380	0.970
04/02/92	07:07:38	2607.68	7.09	40.900	4.170	1.380	0.970
04/02/92	07:07:39	2607.69	7.10	40.800	4.170	1.380	0.975
04/02/92	07:07:40	2607.71	7.12	40.600	4.170	1.380	0.975
04/02/92	07:07:41	2607.73	7.14	40.500	4.170	1.380	0.975
04/02/92	07:07:42	2607.74	7.15	40.400	4.170	1.380	0.970
04/02/92	07:07:43	2607.76	7.17	40.200	4.170	1.380	0.975
04/02/92	07:07:44	2607.78	7.19	40.100	4.170	1.380	0.975
04/02/92	07:07:45	2607.81	7.21	39.900	4.170	1.380	0.975
04/02/92	07:07:46	2607.82	7.22	39.800	4.170	1.380	0.975
04/02/92	07:07:47	2607.83	7.24	39.800	4.170	1.380	0.970
04/02/92	07:07:48	2607.85	7.25	39.600	4.170	1.380	0.975
04/02/92	07:07:49	2607.86	7.27	39.500	4.170	1.380	0.975
04/02/92	07:07:50	2607.88	7.29	39.400	4.170	1.380	0.975
04/02/92	07:07:51	2607.90	7.31	39.200	4.170	1.380	0.975
04/02/92	07:07:52	2607.91	7.32	39.100	4.170	1.380	0.975

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:07:53	2607.94	7.35	38.900	4.170	1.380	0.975
04/02/92	07:07:54	2607.95	7.36	38.800	4.170	1.380	0.970
04/02/92	07:07:55	2607.96	7.37	38.800	4.170	1.380	0.970
04/02/92	07:07:56	2607.98	7.39	38.600	4.170	1.380	0.975
04/02/92	07:07:57	2608.00	7.40	38.400	4.170	1.380	0.975
04/02/92	07:07:58	2608.01	7.42	38.400	4.170	1.380	0.970
04/02/92	07:07:59	2608.03	7.44	38.200	4.170	1.380	0.975
04/02/92	07:08:00	2608.05	7.45	38.100	4.170	1.380	0.975
04/02/92	07:08:01	2608.07	7.48	37.900	4.170	1.380	0.970
04/02/92	07:08:02	2608.08	7.49	37.800	4.170	1.380	0.975
04/02/92	07:08:03	2608.10	7.51	37.700	4.170	1.380	0.975
04/02/92	07:08:04	2608.11	7.52	37.600	4.170	1.380	0.975
04/02/92	07:08:05	2608.13	7.54	37.500	4.170	1.380	0.970
04/02/92	07:08:06	2608.15	7.55	37.400	4.170	1.380	0.975
04/02/92	07:08:07	2608.16	7.57	37.200	4.170	1.380	0.970
04/02/92	07:08:08	2608.18	7.59	37.100	4.170	1.380	0.970
04/02/92	07:08:09	2608.21	7.61	36.900	4.170	1.380	0.970
04/02/92	07:08:10	2608.22	7.63	36.800	4.170	1.380	0.970
04/02/92	07:08:11	2608.23	7.64	36.800	4.170	1.380	0.970
04/02/92	07:08:12	2608.25	7.66	36.600	4.170	1.380	0.970
04/02/92	07:08:13	2608.26	7.67	36.500	4.170	1.380	0.970
04/02/92	07:08:14	2608.28	7.69	36.400	4.170	1.380	0.970
04/02/92	07:08:15	2608.30	7.70	36.300	4.170	1.380	0.970
04/02/92	07:08:16	2608.31	7.72	36.100	4.170	1.380	0.970
04/02/92	07:08:17	2608.34	7.75	36.000	4.170	1.380	0.970
04/02/92	07:08:18	2608.35	7.76	35.900	4.170	1.380	0.970
04/02/92	07:08:19	2608.37	7.78	35.800	4.170	1.380	0.970
04/02/92	07:08:20	2608.38	7.79	35.700	4.170	1.380	0.970
04/02/92	07:08:21	2608.40	7.80	35.600	4.170	1.380	0.970
04/02/92	07:08:22	2608.41	7.82	35.400	4.170	1.380	0.970
04/02/92	07:08:23	2608.43	7.84	35.300	4.170	1.380	0.970
04/02/92	07:08:24	2608.45	7.86	35.200	4.170	1.380	0.970
04/02/92	07:08:25	2608.47	7.88	35.000	4.170	1.380	0.970
04/02/92	07:08:26	2608.48	7.89	34.900	4.170	1.380	0.970
04/02/92	07:08:27	2608.49	7.90	34.900	4.170	1.380	0.970
04/02/92	07:08:28	2608.51	7.92	34.700	4.170	1.380	0.970
04/02/92	07:08:29	2608.53	7.94	34.600	4.170	1.380	0.970
04/02/92	07:08:30	2608.55	7.95	34.500	4.170	1.380	0.970
04/02/92	07:08:31	2608.56	7.97	34.400	4.170	1.380	0.970
04/02/92	07:08:32	2608.58	7.99	34.300	4.170	1.380	0.970
04/02/92	07:08:33	2608.61	8.02	34.100	4.170	1.380	0.970
04/02/92	07:08:34	2608.62	8.03	34.100	4.170	1.380	0.970
04/02/92	07:08:35	2608.63	8.04	33.900	4.170	1.380	0.970
04/02/92	07:08:36	2608.64	8.05	33.900	4.170	1.380	0.970
04/02/92	07:08:37	2608.66	8.07	33.700	4.170	1.380	0.970
04/02/92	07:08:38	2608.68	8.09	33.500	4.170	1.380	0.970
04/02/92	07:08:39	2608.70	8.10	33.500	4.170	1.380	0.970
04/02/92	07:08:40	2608.71	8.12	33.400	4.170	1.380	0.975
04/02/92	07:08:41	2608.74	8.15	33.200	4.170	1.380	0.970
04/02/92	07:08:42	2608.75	8.16	33.200	4.170	1.380	0.970
04/02/92	07:08:43	2608.76	8.17	33.100	4.170	1.380	0.970
04/02/92	07:08:44	2608.78	8.19	33.000	4.170	1.380	0.975
04/02/92	07:08:45	2608.80	8.21	32.800	4.170	1.380	0.970
04/02/92	07:08:46	2608.81	8.22	32.700	4.170	1.380	0.970
04/02/92	07:08:47	2608.83	8.24	32.600	4.170	1.380	0.970

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:08:48	2608.85	8.25	32.500	4.170	1.380	0.970
04/02/92	07:08:49	2608.87	8.28	32.300	4.170	1.380	0.970
04/02/92	07:08:50	2608.88	8.29	32.300	4.170	1.380	0.970
04/02/92	07:08:51	2608.89	8.30	32.200	4.170	1.380	0.970
04/02/92	07:08:52	2608.91	8.32	32.100	4.170	1.380	0.970
04/02/92	07:08:53	2608.93	8.34	32.000	4.170	1.380	0.970
04/02/92	07:08:54	2608.95	8.36	31.700	4.170	1.380	0.970
04/02/92	07:08:55	2608.96	8.37	31.500	4.170	1.380	0.970
04/02/92	07:08:56	2608.98	8.39	31.500	4.170	1.380	0.975
04/02/92	07:08:57	2609.00	8.41	31.100	4.170	1.380	0.975
04/02/92	07:08:58	2609.02	8.42	31.000	4.170	1.380	0.970
04/02/92	07:08:59	2609.03	8.44	31.000	4.170	1.380	0.970
04/02/92	07:09:00	2609.04	8.45	30.800	4.170	1.380	0.975
04/02/92	07:09:01	2609.06	8.47	30.500	4.170	1.380	0.975
04/02/92	07:09:02	2609.08	8.49	30.500	4.170	1.380	0.975
04/02/92	07:09:03	2609.10	8.50	30.300	4.170	1.380	0.975
04/02/92	07:09:04	2609.11	8.52	30.200	4.170	1.380	0.975
04/02/92	07:09:05	2609.14	8.55	30.400	4.170	1.380	0.970
04/02/92	07:09:06	2609.15	8.56	30.400	4.170	1.380	0.975
04/02/92	07:09:07	2609.16	8.57	30.300	4.170	1.380	0.970
04/02/92	07:09:08	2609.18	8.59	30.300	4.170	1.380	0.970
04/02/92	07:09:09	2609.20	8.60	30.300	4.170	1.380	0.970
04/02/92	07:09:10	2609.21	8.62	30.100	4.170	1.380	0.970
04/02/92	07:09:11	2609.23	8.64	30.100	4.170	1.380	0.975
04/02/92	07:09:12	2609.25	8.65	29.900	4.170	1.380	0.975
04/02/92	07:09:13	2609.27	8.68	29.800	4.170	1.380	0.975
04/02/92	07:09:14	2609.28	8.69	29.800	4.170	1.380	0.975
04/02/92	07:09:15	2609.30	8.71	29.900	4.170	1.380	0.975
04/02/92	07:09:16	2609.31	8.72	29.900	4.170	1.380	0.970
04/02/92	07:09:17	2609.33	8.74	29.700	4.170	1.380	0.970
04/02/92	07:09:18	2609.34	8.75	29.400	4.170	1.380	0.970
04/02/92	07:09:19	2609.36	8.77	29.400	4.170	1.380	0.970
04/02/92	07:09:20	2609.38	8.79	29.200	4.170	1.380	0.975
04/02/92	07:09:21	2609.41	8.81	29.100	4.170	1.380	0.970
04/02/92	07:09:22	2609.42	8.82	29.100	4.170	1.380	0.970
04/02/92	07:09:23	2609.43	8.84	29.000	4.170	1.380	0.970
04/02/92	07:09:24	2609.45	8.85	28.800	4.170	1.380	0.975
04/02/92	07:09:25	2609.46	8.87	28.800	4.170	1.380	0.970
04/02/92	07:09:26	2609.48	8.89	28.700	4.170	1.380	0.975
04/02/92	07:09:27	2609.50	8.91	28.600	4.170	1.380	0.975
04/02/92	07:09:28	2609.51	8.92	28.600	4.170	1.380	0.970
04/02/92	07:09:29	2609.54	8.95	28.300	4.170	1.380	0.970
04/02/92	07:09:30	2609.55	8.96	28.400	4.170	1.380	0.970
04/02/92	07:09:31	2609.57	8.98	28.200	4.170	1.380	0.975
04/02/92	07:09:32	2609.58	8.99	28.200	4.170	1.380	0.975
04/02/92	07:09:33	2609.60	9.00	28.100	4.170	1.380	0.970
04/02/92	07:09:34	2609.61	9.02	28.000	4.170	1.380	0.970
04/02/92	07:09:35	2609.63	9.04	27.900	4.170	1.380	0.975
04/02/92	07:09:36	2609.65	9.05	27.800	4.170	1.380	0.975
04/02/92	07:09:37	2609.67	9.08	27.600	4.170	1.380	0.975
04/02/92	07:09:38	2609.68	9.09	27.600	4.170	1.380	0.975
04/02/92	07:09:39	2609.70	9.11	27.600	4.170	1.380	0.975
04/02/92	07:09:40	2609.71	9.12	27.500	4.170	1.380	0.975
04/02/92	07:09:41	2609.73	9.14	27.400	4.170	1.380	0.970
04/02/92	07:09:42	2609.75	9.15	27.300	4.170	1.380	0.975

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:09:43	2609.76	9.17	27.200	4.170	1.380	0.975
04/02/92	07:09:44	2609.78	9.19	27.100	4.170	1.380	0.975
04/02/92	07:09:45	2609.81	9.21	27.000	4.170	1.380	0.975
04/02/92	07:09:46	2609.82	9.23	26.900	4.170	1.380	0.975
04/02/92	07:09:47	2609.83	9.24	26.900	4.170	1.380	0.975
04/02/92	07:09:48	2609.85	9.25	26.800	4.170	1.380	0.975
04/02/92	07:09:49	2609.86	9.27	26.700	4.170	1.380	0.975
04/02/92	07:09:50	2609.88	9.29	26.600	4.170	1.380	0.975
04/02/92	07:09:51	2609.89	9.30	26.600	4.170	1.380	0.975
04/02/92	07:09:52	2609.91	9.32	26.500	4.170	1.380	0.975
04/02/92	07:09:53	2609.94	9.35	26.400	4.170	1.380	0.975
04/02/92	07:09:54	2609.95	9.36	26.300	4.170	1.380	0.975
04/02/92	07:09:55	2609.96	9.37	26.300	4.170	1.380	0.975
04/02/92	07:09:56	2609.98	9.39	26.200	4.170	1.380	0.975
04/02/92	07:09:57	2610.00	9.40	26.100	4.170	1.380	0.975
04/02/92	07:09:58	2610.01	9.42	26.000	4.170	1.380	0.975
04/02/92	07:09:59	2610.03	9.44	25.900	4.170	1.380	0.975
04/02/92	07:10:00	2610.05	9.46	25.900	4.170	1.380	0.975
04/02/92	07:10:01	2610.07	9.48	25.700	4.170	1.380	0.975
04/02/92	07:10:02	2610.08	9.49	25.700	4.170	1.380	0.975
04/02/92	07:10:03	2610.10	9.51	25.600	4.170	1.380	0.980
04/02/92	07:10:04	2610.11	9.52	25.600	4.170	1.380	0.975
04/02/92	07:10:05	2610.13	9.54	25.500	4.170	1.380	0.975
04/02/92	07:10:06	2610.15	9.55	25.400	4.170	1.380	0.980
04/02/92	07:10:07	2610.16	9.57	25.300	4.170	1.380	0.980
04/02/92	07:10:08	2610.18	9.59	25.200	4.170	1.380	0.980
04/02/92	07:10:09	2610.21	9.61	25.100	4.170	1.380	0.980
04/02/92	07:10:10	2610.22	9.62	25.100	4.170	1.380	0.980
04/02/92	07:10:11	2610.23	9.64	25.000	4.170	1.380	0.975
04/02/92	07:10:12	2610.24	9.65	24.900	4.170	1.380	0.980
04/02/92	07:10:13	2610.26	9.67	24.800	4.170	1.380	0.980
04/02/92	07:10:14	2610.28	9.69	24.800	4.170	1.380	0.980
04/02/92	07:10:15	2610.30	9.71	24.700	4.170	1.380	0.980
04/02/92	07:10:16	2610.31	9.72	24.600	4.170	1.380	0.980
04/02/92	07:10:17	2610.34	9.75	24.500	4.170	1.380	0.975
04/02/92	07:10:18	2610.35	9.76	24.500	4.170	1.380	0.980
04/02/92	07:10:19	2610.36	9.77	24.400	4.170	1.380	0.975
04/02/92	07:10:20	2610.38	9.79	24.300	4.170	1.380	0.980
04/02/92	07:10:21	2610.40	9.80	24.300	4.170	1.380	0.980
04/02/92	07:10:22	2610.41	9.82	24.200	4.170	1.380	0.975
04/02/92	07:10:23	2610.43	9.84	24.100	4.170	1.380	0.980
04/02/92	07:10:24	2610.44	9.85	24.000	4.170	1.380	0.980
04/02/92	07:10:25	2610.47	9.88	23.900	4.170	1.380	0.980
04/02/92	07:10:26	2610.48	9.89	23.900	4.170	1.380	0.980
04/02/92	07:10:27	2610.49	9.90	23.800	4.170	1.380	0.980
04/02/92	07:10:28	2610.51	9.92	23.700	4.170	1.380	0.980
04/02/92	07:10:29	2610.53	9.94	23.700	4.170	1.380	0.980
04/02/92	07:10:30	2610.55	9.95	23.600	4.170	1.380	0.980
04/02/92	07:10:31	2610.56	9.97	23.500	4.170	1.380	0.980
04/02/92	07:10:41	2610.73	10.14	22.800	4.170	1.380	0.980
04/02/92	07:10:51	2610.90	10.30	22.200	4.170	1.380	0.980
04/02/92	07:11:01	2611.06	10.47	21.500	4.170	1.380	0.980
04/02/92	07:11:11	2611.23	10.64	20.800	4.170	1.380	0.985
04/02/92	07:11:21	2611.40	10.80	20.300	4.170	1.380	0.985
04/02/92	07:11:31	2611.56	10.97	19.600	4.170	1.380	0.985

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:11:41	2611.73	11.14	18.900	4.170	1.380	0.990
04/02/92	07:11:51	2611.90	11.30	18.500	4.170	1.380	0.995
04/02/92	07:12:01	2612.06	11.47	18.100	4.170	1.380	0.995
04/02/92	07:12:11	2612.23	11.64	17.700	4.170	1.380	0.995
04/02/92	07:12:21	2612.40	11.81	17.200	4.170	1.380	1.000
04/02/92	07:12:31	2612.56	11.97	16.800	4.170	1.380	1.000
04/02/92	07:12:41	2612.73	12.14	16.400	4.170	1.380	1.005
04/02/92	07:12:51	2612.90	12.30	16.100	4.170	1.380	1.005
04/02/92	07:13:01	2613.06	12.47	15.700	4.170	1.380	1.005
04/02/92	07:13:11	2613.23	12.64	15.400	4.170	1.380	1.005
04/02/92	07:13:21	2613.40	12.81	15.100	4.170	1.380	1.005
04/02/92	07:13:31	2613.56	12.97	14.800	4.170	1.380	1.005
04/02/92	07:13:41	2613.73	13.14	14.400	4.170	1.380	1.010
04/02/92	07:13:51	2613.90	13.31	14.200	4.170	1.380	1.015
04/02/92	07:14:01	2614.06	13.47	14.000	4.170	1.380	1.015
04/02/92	07:14:11	2614.23	13.64	13.700	4.170	1.380	1.015
04/02/92	07:14:21	2614.40	13.81	13.400	4.170	1.380	1.015
04/02/92	07:14:31	2614.56	13.97	13.200	4.170	1.380	1.015
04/02/92	07:14:41	2614.73	14.14	13.000	4.170	1.380	1.015
04/02/92	07:14:51	2614.90	14.30	12.800	4.170	1.380	1.015
04/02/92	07:15:01	2615.06	14.47	12.500	4.170	1.380	1.015
04/02/92	07:15:11	2615.23	14.64	12.400	4.170	1.380	1.015
04/02/92	07:15:21	2615.40	14.81	12.200	4.170	1.380	1.015
04/02/92	07:15:31	2615.56	14.97	12.000	4.170	1.380	1.015
04/02/92	07:15:41	2615.73	15.14	11.800	4.170	1.380	1.015
04/02/92	07:15:51	2615.90	15.30	11.700	4.170	1.380	1.015
04/02/92	07:16:01	2616.06	15.47	11.500	4.170	1.380	1.015
04/02/92	07:16:11	2616.23	15.64	11.400	4.170	1.380	1.010
04/02/92	07:16:21	2616.40	15.80	11.200	4.170	1.380	1.010
04/02/92	07:16:31	2616.56	15.97	11.100	4.170	1.380	1.010
04/02/92	07:16:41	2616.73	16.14	10.900	4.170	1.380	1.005
04/02/92	07:16:51	2616.90	16.31	10.800	4.170	1.380	1.005
04/02/92	07:17:01	2617.06	16.47	10.700	4.170	1.380	1.005
04/02/92	07:17:11	2617.23	16.64	10.500	4.170	1.380	1.005
04/02/92	07:17:21	2617.40	16.80	10.400	4.170	1.380	1.000
04/02/92	07:17:31	2617.56	16.97	10.200	4.170	1.380	1.000
04/02/92	07:17:41	2617.73	17.14	10.100	4.170	1.380	1.000
04/02/92	07:17:51	2617.90	17.31	10.000	4.170	1.380	0.995
04/02/92	07:18:01	2618.06	17.47	9.900	4.170	1.380	0.995
04/02/92	07:18:11	2618.23	17.64	9.800	4.170	1.380	0.995
04/02/92	07:18:21	2618.40	17.81	9.700	4.170	1.380	0.995
04/02/92	07:18:31	2618.56	17.97	9.600	4.170	1.380	0.995
04/02/92	07:18:41	2618.73	18.14	9.400	4.170	1.380	0.990
04/02/92	07:18:51	2618.90	18.31	9.400	4.170	1.380	0.990
04/02/92	07:19:01	2619.06	18.47	9.300	4.170	1.380	0.985
04/02/92	07:19:11	2619.23	18.64	9.200	4.170	1.380	0.985
04/02/92	07:19:21	2619.40	18.81	9.100	4.170	1.380	0.985
04/02/92	07:19:31	2619.56	18.97	9.000	4.170	1.380	0.985
04/02/92	07:19:41	2619.73	19.14	8.900	4.170	1.380	0.985
04/02/92	07:19:51	2619.90	19.30	8.800	4.170	1.380	0.985
04/02/92	07:20:01	2620.06	19.47	8.700	4.170	1.380	0.985
04/02/92	07:20:11	2620.23	19.64	8.600	4.170	1.380	0.985
04/02/92	07:20:21	2620.40	19.81	8.500	4.170	1.380	0.985
04/02/92	07:20:31	2620.56	19.97	8.400	4.170	1.380	0.985
04/02/92	07:20:41	2620.73	20.14	8.400	4.170	1.380	0.985

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:20:51	2620.90	20.31	8.300	4.170	1.380	0.985
04/02/92	07:21:01	2621.06	20.47	8.200	4.170	1.380	0.985
04/02/92	07:21:11	2621.23	20.64	8.100	4.170	1.380	0.990
04/02/92	07:21:21	2621.40	20.81	8.000	4.170	1.380	0.990
04/02/92	07:21:31	2621.56	20.97	8.000	4.170	1.380	0.990
04/02/92	07:21:41	2621.73	21.14	7.900	4.170	1.380	0.995
04/02/92	07:21:51	2621.90	21.30	7.800	4.170	1.380	0.995
04/02/92	07:22:01	2622.06	21.47	7.800	4.170	1.380	0.995
04/02/92	07:22:11	2622.23	21.64	7.700	4.170	1.380	1.000
04/02/92	07:22:21	2622.40	21.81	7.600	4.170	1.380	1.005
04/02/92	07:22:31	2622.56	21.97	7.600	4.170	1.380	1.005
04/02/92	07:22:41	2622.73	22.14	7.500	4.170	1.380	1.005
04/02/92	07:22:51	2622.90	22.30	7.400	4.170	1.380	1.010
04/02/92	07:23:01	2623.06	22.47	7.400	4.170	1.380	1.020
04/02/92	07:23:11	2623.23	22.64	7.400	4.170	1.380	1.025
04/02/92	07:23:21	2623.39	22.80	7.300	4.170	1.380	1.025
04/02/92	07:23:31	2623.56	22.97	7.200	4.170	1.380	1.030
04/02/92	07:23:41	2623.73	23.14	7.100	4.170	1.380	1.030
04/02/92	07:23:51	2623.90	23.30	7.100	4.170	1.380	1.030
04/02/92	07:24:01	2624.06	23.47	7.000	4.170	1.380	1.040
04/02/92	07:24:11	2624.23	23.64	7.000	4.170	1.380	1.040
04/02/92	07:24:21	2624.40	23.81	6.900	4.170	1.380	1.045
04/02/92	07:24:31	2624.56	23.97	6.900	4.170	1.380	1.050
04/02/92	07:24:41	2624.73	24.14	6.800	4.170	1.380	1.050
04/02/92	07:24:51	2624.90	24.31	6.700	4.170	1.380	1.055
04/02/92	07:25:01	2625.06	24.47	6.700	4.170	1.380	1.055
04/02/92	07:25:11	2625.23	24.64	6.700	4.170	1.380	1.060
04/02/92	07:25:21	2625.40	24.81	6.600	4.170	1.380	1.070
04/02/92	07:25:31	2625.56	24.97	6.600	4.170	1.380	1.075
04/02/92	07:25:41	2625.73	25.14	6.500	4.170	1.380	1.075
04/02/92	07:25:51	2625.90	25.31	6.500	4.170	1.380	1.080
04/02/92	07:26:01	2626.06	25.47	6.500	4.170	1.380	1.080
04/02/92	07:26:11	2626.23	25.64	6.400	4.170	1.380	1.085
04/02/92	07:26:21	2626.40	25.81	6.400	4.170	1.380	1.090
04/02/92	07:26:31	2626.56	25.97	6.300	4.170	1.380	1.090
04/02/92	07:26:41	2626.73	26.14	6.300	4.170	1.380	1.090
04/02/92	07:26:51	2626.90	26.30	6.200	4.170	1.380	1.100
04/02/92	07:27:01	2627.06	26.47	6.200	4.170	1.380	1.095
04/02/92	07:27:11	2627.23	26.64	6.200	4.170	1.380	1.095
04/02/92	07:27:21	2627.40	26.81	6.100	4.170	1.380	1.095
04/02/92	07:27:31	2627.56	26.97	6.100	4.170	1.380	1.100
04/02/92	07:27:41	2627.73	27.14	6.000	4.170	1.380	1.105
04/02/92	07:27:51	2627.89	27.30	6.000	4.170	1.380	1.100
04/02/92	07:28:01	2628.06	27.47	6.000	4.170	1.380	1.095
04/02/92	07:28:11	2628.23	27.64	5.900	4.170	1.380	1.095
04/02/92	07:28:21	2628.40	27.80	5.900	4.170	1.380	1.095
04/02/92	07:28:31	2628.56	27.97	5.800	4.170	1.380	1.095
04/02/92	07:28:41	2628.73	28.14	5.800	4.170	1.380	1.095
04/02/92	07:28:51	2628.90	28.30	5.800	4.170	1.380	1.100
04/02/92	07:29:01	2629.06	28.47	5.700	4.170	1.380	1.095
04/02/92	07:29:11	2629.23	28.64	5.700	4.170	1.380	1.090
04/02/92	07:29:21	2629.40	28.81	5.700	4.170	1.380	1.090
04/02/92	07:29:31	2629.56	28.97	5.700	4.170	1.380	1.085
04/02/92	07:29:41	2629.73	29.14	5.600	4.170	1.380	1.085
04/02/92	07:29:51	2629.90	29.30	5.600	4.170	1.380	1.085

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	07:30:01	2630.06	29.47	5.600	4.170	1.380	1.085
04/02/92	07:30:11	2630.23	29.64	5.500	4.170	1.380	1.085
04/02/92	07:30:21	2630.40	29.81	5.500	4.170	1.380	1.080
04/02/92	07:30:31	2630.56	29.97	5.500	4.170	1.380	1.080
04/02/92	07:30:41	2630.73	30.14	5.500	4.170	1.380	1.080
04/02/92	07:30:51	2630.90	30.31	5.400	4.170	1.380	1.075
04/02/92	07:31:01	2631.06	30.47	5.400	4.170	1.380	1.075
04/02/92	07:31:11	2631.23	30.64	5.400	4.170	1.380	1.070
04/02/92	07:31:21	2631.40	30.80	5.300	4.170	1.380	1.070
04/02/92	07:31:31	2631.56	30.97	5.300	4.170	1.380	1.065
04/02/92	07:31:41	2631.73	31.14	5.300	4.170	1.380	1.070
04/02/92	07:31:51	2631.90	31.31	5.300	4.170	1.380	1.065
04/02/92	07:32:01	2632.06	31.47	5.200	4.170	1.380	1.065
04/02/92	07:32:11	2632.23	31.64	5.200	4.170	1.380	1.070
04/02/92	07:32:21	2632.39	31.80	5.200	4.170	1.380	1.070
04/02/92	07:32:31	2632.56	31.97	5.200	4.170	1.380	1.070
04/02/92	07:32:41	2632.73	32.14	5.100	4.170	1.380	1.065
04/02/92	07:32:51	2632.90	32.31	5.100	4.170	1.380	1.070
04/02/92	07:33:01	2633.06	32.47	5.100	4.170	1.380	1.065
04/02/92	07:33:11	2633.23	32.64	5.000	4.170	1.380	1.070
04/02/92	07:33:21	2633.40	32.81	5.000	4.170	1.380	1.070
04/02/92	07:33:31	2633.56	32.97	5.000	4.170	1.380	1.070
04/02/92	07:33:41	2633.73	33.14	5.000	4.170	1.380	1.070
04/02/92	07:33:51	2633.90	33.30	5.000	4.170	1.380	1.075
04/02/92	07:34:01	2634.06	33.47	4.900	4.170	1.380	1.075
04/02/92	07:34:11	2634.23	33.64	4.900	4.170	1.380	1.075
04/02/92	07:34:21	2634.40	33.81	4.900	4.170	1.380	1.075
04/02/92	07:34:31	2634.56	33.97	4.800	4.170	1.380	1.075
04/02/92	07:34:41	2634.73	34.14	4.800	4.170	1.380	1.080
04/02/92	07:34:51	2634.90	34.31	4.800	4.170	1.380	1.080
04/02/92	07:35:01	2635.06	34.47	4.800	4.170	1.380	1.085
04/02/92	07:35:11	2635.23	34.64	4.700	4.170	1.380	1.085
04/02/92	07:35:21	2635.40	34.81	4.700	4.170	1.380	1.085
04/02/92	07:35:31	2635.56	34.97	4.700	4.170	1.380	1.085
04/02/92	07:35:41	2635.73	35.14	4.700	4.170	1.380	1.085
04/02/92	07:35:51	2635.90	35.31	4.700	4.170	1.380	1.090
04/02/92	07:36:01	2636.06	35.47	4.700	4.170	1.380	1.095
04/02/92	07:36:11	2636.23	35.64	4.600	4.170	1.380	1.095
04/02/92	07:36:21	2636.40	35.81	4.600	4.170	1.380	1.095
04/02/92	07:36:31	2636.56	35.97	4.600	4.170	1.380	1.100
04/02/92	07:36:41	2636.73	36.14	4.600	4.170	1.380	1.105
04/02/92	07:36:51	2636.89	36.30	4.600	4.170	1.380	1.105
04/02/92	07:37:01	2637.06	36.47	4.500	4.170	1.380	1.110
04/02/92	07:37:11	2637.23	36.64	4.500	4.170	1.380	1.105
04/02/92	07:37:21	2637.40	36.81	4.500	4.170	1.380	1.110
04/02/92	07:37:31	2637.56	36.97	4.500	4.170	1.380	1.100
04/02/92	07:37:41	2637.73	37.14	4.500	4.170	1.380	1.105
04/02/92	07:37:51	2637.90	37.31	4.500	4.170	1.380	1.105
04/02/92	07:38:01	2638.06	37.47	4.500	4.170	1.380	1.110
04/02/92	07:38:11	2638.23	37.64	4.400	4.170	1.380	1.110
04/02/92	07:38:21	2638.40	37.81	4.400	4.170	1.380	1.115
04/02/92	07:38:31	2638.56	37.97	4.500	4.170	1.380	1.115
04/02/92	07:38:41	2638.73	38.14	4.400	4.170	1.380	1.110
04/02/92	07:38:51	2638.90	38.30	4.400	4.170	1.380	1.110
04/02/92	07:39:01	2639.06	38.47	4.400	4.170	1.380	1.110

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal WL Head psi
04/02/92	07:39:11	2639.23	38.64	4.400	4.170	1.380	1.110
04/02/92	07:39:21	2639.40	38.81	4.300	4.170	1.380	1.110
04/02/92	07:39:31	2639.56	38.97	4.300	4.170	1.380	1.110
04/02/92	07:39:41	2639.73	39.14	4.300	4.170	1.380	1.100
04/02/92	07:39:51	2639.90	39.30	4.300	4.170	1.380	1.100
04/02/92	07:40:01	2640.06	39.47	4.200	4.170	1.380	1.100
04/02/92	07:40:11	2640.23	39.64	4.200	4.170	1.380	1.100
04/02/92	07:40:21	2640.40	39.81	4.200	4.170	1.380	1.100
04/02/92	07:40:31	2640.56	39.97	4.200	4.170	1.380	1.095
04/02/92	07:40:41	2640.73	40.14	4.200	4.170	1.380	1.095
04/02/92	07:40:51	2640.90	40.30	4.200	4.170	1.380	1.095
04/02/92	07:41:01	2641.06	40.47	4.200	4.170	1.380	1.085
04/02/92	07:41:11	2641.23	40.64	4.200	4.170	1.380	1.085
04/02/92	07:41:21	2641.40	40.81	4.100	4.170	1.380	1.085
04/02/92	07:41:31	2641.56	40.97	4.100	4.170	1.380	1.085
04/02/92	07:41:41	2641.73	41.14	4.100	4.170	1.380	1.080
04/02/92	07:41:51	2641.90	41.30	4.100	4.170	1.380	1.075
04/02/92	07:42:01	2642.06	41.47	4.100	4.170	1.380	1.080
04/02/92	07:42:11	2642.23	41.64	4.000	4.170	1.380	1.070
04/02/92	07:42:21	2642.40	41.80	4.100	4.170	1.380	1.075
04/02/92	07:42:31	2642.56	41.97	4.000	4.170	1.380	1.070
04/02/92	07:42:41	2642.73	42.14	4.000	4.170	1.380	1.070
04/02/92	07:42:51	2642.90	42.30	4.000	4.170	1.380	1.070
04/02/92	07:43:01	2643.06	42.47	4.000	4.170	1.380	1.070
04/02/92	07:43:11	2643.23	42.64	4.000	4.170	1.380	1.065
04/02/92	07:43:21	2643.40	42.81	4.000	4.170	1.380	1.065
04/02/92	07:43:31	2643.56	42.97	3.900	4.170	1.380	1.060
04/02/92	07:43:41	2643.73	43.14	4.000	4.170	1.380	1.060
04/02/92	07:43:51	2643.90	43.31	3.900	4.170	1.380	1.060
04/02/92	07:44:01	2644.06	43.47	3.900	4.170	1.380	1.060
04/02/92	07:44:11	2644.23	43.64	3.900	4.170	1.380	1.055
04/02/92	07:44:21	2644.40	43.80	3.900	4.170	1.380	1.060
04/02/92	07:44:31	2644.56	43.97	3.900	4.170	1.380	1.060
04/02/92	07:44:41	2644.73	44.14	3.800	4.170	1.380	1.060
04/02/92	07:44:51	2644.90	44.31	3.900	4.170	1.380	1.060
04/02/92	07:45:01	2645.06	44.47	3.900	4.170	1.380	1.060
04/02/92	07:45:11	2645.23	44.64	3.800	4.170	1.380	1.060
04/02/92	07:45:21	2645.40	44.80	3.800	4.170	1.380	1.060
04/02/92	07:45:31	2645.56	44.97	3.800	4.170	1.380	1.055
04/02/92	07:45:41	2645.73	45.14	3.800	4.170	1.380	1.060
04/02/92	07:45:51	2645.89	45.30	3.800	4.170	1.380	1.065
04/02/92	07:46:01	2646.06	45.47	3.800	4.170	1.380	1.065
04/02/92	07:46:11	2646.23	45.64	3.800	4.170	1.380	1.070
04/02/92	07:46:21	2646.40	45.80	3.800	4.170	1.380	1.075
04/02/92	07:46:31	2646.56	45.97	3.700	4.170	1.380	1.070
04/02/92	07:46:41	2646.73	46.14	3.700	4.170	1.380	1.075
04/02/92	07:46:51	2646.90	46.31	3.700	4.170	1.380	1.075
04/02/92	07:47:01	2647.06	46.47	3.700	4.170	1.380	1.080
04/02/92	07:47:11	2647.23	46.64	3.700	4.170	1.380	1.075
04/02/92	07:47:21	2647.40	46.81	3.700	4.170	1.380	1.085
04/02/92	07:47:31	2647.56	46.97	3.700	4.170	1.380	1.085
04/02/92	07:47:41	2647.73	47.14	3.700	4.170	1.380	1.090
04/02/92	07:47:51	2647.90	47.31	3.700	4.170	1.380	1.090
04/02/92	07:48:01	2648.06	47.47	3.700	4.170	1.380	1.090
04/02/92	07:48:11	2648.23	47.64	3.700	4.170	1.380	1.095

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal WL Head psi
04/02/92	07:48:21	2648.40	47.81	3.600	4.170	1.380	1.100
04/02/92	07:48:31	2648.56	47.97	3.600	4.170	1.380	1.105
04/02/92	07:48:41	2648.73	48.14	3.600	4.170	1.380	1.110
04/02/92	07:48:51	2648.90	48.30	3.600	4.170	1.380	1.110
04/02/92	07:49:01	2649.06	48.47	3.600	4.170	1.380	1.110
04/02/92	07:49:11	2649.23	48.64	3.600	4.170	1.380	1.110
04/02/92	07:49:21	2649.40	48.80	3.600	4.170	1.380	1.115
04/02/92	07:49:31	2649.56	48.97	3.600	4.170	1.380	1.115
04/02/92	07:49:41	2649.73	49.14	3.600	4.200	1.380	1.125
04/02/92	07:49:51	2649.90	49.31	3.500	4.200	1.380	1.125
04/02/92	07:50:01	2650.06	49.47	3.500	4.170	1.380	1.130
04/02/92	07:50:11	2650.23	49.64	3.500	4.170	1.380	1.125
04/02/92	07:50:21	2650.39	49.80	3.500	4.170	1.380	1.130
04/02/92	07:50:31	2650.56	49.97	3.500	4.170	1.380	1.135
04/02/92	07:51:31	2651.56	50.97	3.400	4.170	1.380	1.145
04/02/92	07:52:31	2652.56	51.97	3.400	4.170	1.380	1.150
04/02/92	07:53:31	2653.56	52.97	3.400	4.200	1.380	1.160
04/02/92	07:54:31	2654.56	53.97	3.400	4.170	1.380	1.160
04/02/92	07:55:31	2655.56	54.97	3.300	4.200	1.380	1.160
04/02/92	07:56:31	2656.56	55.97	3.300	4.170	1.380	1.160
04/02/92	07:57:31	2657.56	56.97	3.200	4.200	1.380	1.170
04/02/92	07:58:31	2658.56	57.97	3.200	4.170	1.380	1.170
04/02/92	07:59:31	2659.56	58.97	3.200	4.200	1.410	1.185
04/02/92	08:00:31	2660.56	59.97	3.100	4.200	1.380	1.195
04/02/92	08:01:31	2661.56	60.97	3.100	4.200	1.380	1.205
04/02/92	08:02:31	2662.56	61.97	3.100	4.170	1.380	1.210
04/02/92	08:03:31	2663.56	62.97	3.100	4.200	1.380	1.220
04/02/92	08:04:31	2664.56	63.97	3.000	4.200	1.380	1.220
04/02/92	08:05:31	2665.56	64.97	3.000	4.200	1.380	1.210
04/02/92	08:06:31	2666.56	65.97	3.000	4.170	1.380	1.205
04/02/92	08:07:31	2667.56	66.97	2.900	4.200	1.380	1.200
04/02/92	08:08:31	2668.56	67.97	2.900	4.200	1.380	1.185
04/02/92	08:09:31	2669.56	68.97	3.000	4.200	1.380	1.185
04/02/92	08:10:31	2670.56	69.97	2.900	4.200	1.380	1.190
04/02/92	08:11:31	2671.56	70.97	2.900	4.200	1.380	1.195
04/02/92	08:12:31	2672.56	71.97	2.900	4.200	1.380	1.200
04/02/92	08:13:31	2673.56	72.97	2.800	4.200	1.380	1.210
04/02/92	08:14:31	2674.56	73.97	2.800	4.200	1.380	1.220
04/02/92	08:15:31	2675.56	74.97	2.800	4.200	1.380	1.225
04/02/92	08:16:31	2676.56	75.97	2.800	4.200	1.380	1.235
04/02/92	08:17:31	2677.56	76.97	2.800	4.200	1.380	1.235
04/02/92	08:18:31	2678.56	77.97	2.800	4.200	1.380	1.235
04/02/92	08:19:31	2679.56	78.97	2.700	4.200	1.380	1.240
04/02/92	08:20:31	2680.56	79.97	2.800	4.170	1.380	1.240
04/02/92	08:25:31	2685.56	84.97	2.700	4.200	1.380	1.275
04/02/92	08:30:31	2690.56	89.97	2.700	4.200	1.380	1.270
04/02/92	08:35:31	2695.56	94.97	2.600	4.200	1.380	1.260
04/02/92	08:40:31	2700.56	99.97	2.600	4.200	1.380	1.275
04/02/92	08:45:31	2705.56	104.97	2.500	4.200	1.380	1.315
04/02/92	08:50:31	2710.56	109.97	2.500	4.230	1.380	1.360
04/02/92	08:55:31	2715.56	114.97	2.500	4.230	1.380	1.365
04/02/92	09:00:31	2720.56	119.97	2.500	4.230	1.410	1.380
04/02/92	09:05:31	2725.56	124.97	2.500	4.230	1.410	1.380
04/02/92	09:10:31	2730.56	129.97	2.500	4.230	1.410	1.415
04/02/92	09:15:31	2735.56	134.97	2.500	4.230	1.410	1.425

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	09:20:31	2740.56	139.97	2.600	4.230	1.380	1.430
04/02/92	09:25:31	2745.56	144.97	11.600	4.230	1.410	1.440
04/02/92	09:30:31	2750.56	149.97	24.000	4.230	1.410	1.460
04/02/92	09:35:31	2755.56	154.97	24.000	4.230	1.410	1.475
04/02/92	09:40:31	2760.56	159.97	24.100	4.230	1.410	1.485
04/02/92	09:45:31	2765.56	164.97	24.100	4.230	1.410	1.540
04/02/92	09:50:31	2770.56	169.97	24.200	4.260	1.410	1.555
04/02/92	09:55:31	2775.56	174.97	24.200	4.260	1.410	1.555
04/02/92	10:00:31	2780.56	179.97	24.200	4.230	1.410	1.550
04/02/92	10:05:31	2785.56	184.97	24.200	4.230	1.410	1.565
04/02/92	10:10:31	2790.56	189.97	24.100	4.260	1.410	1.600
04/02/92	10:15:31	2795.56	194.97	24.100	4.260	1.410	1.615
04/02/92	10:20:31	2800.56	199.97	24.100	4.260	1.410	1.625
04/02/92	10:25:31	2805.56	204.97	24.100	4.260	1.410	1.635
04/02/92	10:30:31	2810.56	209.97	24.100	4.260	1.410	1.645
04/02/92	10:35:31	2815.56	214.97	24.100	4.260	1.440	1.660
04/02/92	10:40:31	2820.56	219.97	24.100	4.260	1.410	1.670
04/02/92	10:45:31	2825.56	224.97	24.000	4.290	1.440	1.690
04/02/92	10:50:31	2830.56	229.97	24.100	4.290	1.440	1.700
04/02/92	10:55:31	2835.56	234.97	24.200	4.290	1.440	1.705
04/02/92	11:00:31	2840.56	239.97	24.200	4.290	1.440	1.735
04/02/92	11:05:31	2845.56	244.97	24.300	4.290	1.440	1.730
04/02/92	11:10:31	2850.56	249.97	24.400	4.320	1.440	1.765
04/02/92	11:15:31	2855.56	254.97	24.400	4.320	1.440	1.755
04/02/92	11:20:31	2860.56	259.97	24.500	4.290	1.440	1.765
04/02/92	11:25:31	2865.56	264.97	24.500	4.320	1.440	1.765
04/02/92	11:30:31	2870.56	269.97	24.600	4.320	1.440	1.790
04/02/92	11:35:31	2875.56	274.97	24.600	4.320	1.470	1.805
04/02/92	11:40:31	2880.56	279.97	24.800	4.320	1.440	1.830
04/02/92	11:45:31	2885.56	284.97	24.900	4.350	1.470	1.820
04/02/92	11:50:31	2890.56	289.97	24.900	4.350	1.470	1.840
04/02/92	11:55:31	2895.56	294.97	24.900	4.350	1.470	1.830
04/02/92	12:00:31	2900.56	299.97	25.000	4.350	1.470	1.850
04/02/92	12:05:31	2905.56	304.97	25.100	4.350	1.470	1.830
04/02/92	12:10:31	2910.56	309.97	25.100	4.350	1.470	1.850
04/02/92	12:15:31	2915.56	314.97	25.200	4.350	1.470	1.835
04/02/92	12:20:31	2920.56	319.97	25.300	4.350	1.470	1.845
04/02/92	12:25:31	2925.56	324.97	25.300	4.350	1.470	1.825
04/02/92	12:30:31	2930.56	329.97	25.500	4.350	1.470	1.850
04/02/92	12:35:31	2935.56	334.97	25.600	4.350	1.470	1.875
04/02/92	12:40:31	2940.56	339.97	25.500	4.350	1.470	1.825
04/02/92	12:45:31	2945.56	344.97	25.900	4.350	1.470	1.830
04/02/92	12:50:31	2950.56	349.97	26.200	4.350	1.470	1.805
04/02/92	12:55:31	2955.56	354.97	26.000	4.380	1.470	1.840
04/02/92	13:00:31	2960.56	359.97	26.200	4.350	1.470	1.810
04/02/92	13:05:31	2965.56	364.97	26.600	4.350	1.470	1.775
04/02/92	13:10:31	2970.56	369.97	26.800	4.350	1.470	1.775
04/02/92	13:15:31	2975.56	374.97	26.500	4.350	1.470	1.795
04/02/92	13:20:31	2980.56	379.97	26.400	4.350	1.470	1.790
04/02/92	13:25:31	2985.56	384.97	26.500	4.350	1.470	1.755
04/02/92	13:30:31	2990.56	389.97	26.700	4.350	1.470	1.735
04/02/92	13:35:31	2995.56	394.97	26.700	4.350	1.470	1.730
04/02/92	13:40:31	3000.56	399.97	26.700	4.350	1.470	1.720
04/02/92	13:45:31	3005.56	404.97	26.700	4.350	1.470	1.690
04/02/92	13:50:31	3010.56	409.97	26.700	4.350	1.440	1.670

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	13:55:31	3015.56	414.97	26.800	4.350	1.470	1.665
04/02/92	14:00:31	3020.56	419.97	26.900	4.350	1.470	1.670
04/02/92	14:05:31	3025.56	424.97	26.900	4.320	1.470	1.645
04/02/92	14:10:31	3030.56	429.97	27.000	4.350	1.470	1.640
04/02/92	14:15:31	3035.56	434.97	27.200	4.320	1.470	1.590
04/02/92	14:20:31	3040.56	439.97	27.700	4.320	1.470	1.605
04/02/92	14:25:31	3045.56	444.97	28.100	4.320	1.440	1.565
04/02/92	14:30:31	3050.56	449.97	28.300	4.320	1.440	1.570
04/02/92	14:35:31	3055.56	454.97	28.400	4.320	1.440	1.535
04/02/92	14:40:31	3060.56	459.97	28.400	4.320	1.440	1.505
04/02/92	14:45:31	3065.56	464.97	28.200	4.320	1.440	1.500
04/02/92	14:50:31	3070.56	469.97	28.000	4.320	1.470	1.475
04/02/92	14:55:31	3075.56	474.97	28.000	4.320	1.440	1.470
04/02/92	15:00:31	3080.56	479.97	28.200	4.290	1.470	1.425
04/02/92	15:05:31	3085.56	484.97	28.300	4.320	1.470	1.425
04/02/92	15:10:31	3090.56	489.97	28.300	4.290	1.470	1.380
04/02/92	15:15:31	3095.56	494.97	28.300	4.290	1.470	1.365
04/02/92	15:20:31	3100.56	499.97	28.300	4.290	1.440	1.325
04/02/92	15:25:31	3105.56	504.97	28.100	4.290	1.440	1.310
04/02/92	15:30:31	3110.56	509.97	28.000	4.290	1.470	1.320
04/02/92	15:35:31	3115.56	514.97	27.800	4.290	1.470	1.290
04/02/92	15:40:31	3120.56	519.97	27.800	4.290	1.440	1.275
04/02/92	15:45:31	3125.56	524.97	27.700	4.290	1.440	1.220
04/02/92	15:50:31	3130.56	529.97	28.000	4.290	1.440	1.200
04/02/92	15:55:31	3135.56	534.97	28.200	4.290	1.440	1.190
04/02/92	16:00:31	3140.56	539.97	28.300	4.260	1.440	1.165
04/02/92	16:05:31	3145.56	544.97	28.200	4.260	1.440	1.185
04/02/92	16:10:31	3150.56	549.97	28.400	4.260	1.440	1.145
04/02/92	16:15:31	3155.56	554.97	28.700	4.260	1.440	1.125
04/02/92	16:20:31	3160.56	559.97	28.700	4.260	1.440	1.085
04/02/92	16:25:31	3165.56	564.97	28.800	4.260	1.440	1.045
04/02/92	16:30:31	3170.56	569.97	29.000	4.230	1.440	1.060
04/02/92	16:35:31	3175.56	574.97	29.000	4.230	1.440	1.040
04/02/92	16:40:31	3180.56	579.97	28.700	4.230	1.440	1.020
04/02/92	16:45:31	3185.56	584.97	28.500	4.230	1.440	0.980
04/02/92	16:50:31	3190.56	589.97	28.600	4.230	1.410	0.950
04/02/92	16:55:31	3195.56	594.97	28.700	4.230	1.410	0.950
04/02/92	17:00:31	3200.56	599.97	28.500	4.230	1.410	0.930
04/02/92	17:05:31	3205.56	604.97	28.500	4.230	1.410	0.910
04/02/92	17:10:31	3210.56	609.97	28.500	4.200	1.410	0.890
04/02/92	17:15:31	3215.56	614.97	28.500	4.200	1.410	0.870
04/02/92	17:20:31	3220.56	619.97	28.400	4.200	1.410	0.860
04/02/92	17:25:31	3225.56	624.97	28.300	4.200	1.410	0.830
04/02/92	17:30:31	3230.56	629.97	28.200	4.200	1.380	0.815
04/02/92	17:35:31	3235.56	634.97	28.200	4.200	1.410	0.795
04/02/92	17:40:31	3240.56	639.97	28.100	4.200	1.410	0.790
04/02/92	17:45:31	3245.56	644.97	28.100	4.170	1.380	0.780
04/02/92	17:50:31	3250.56	649.97	28.100	4.170	1.410	0.750
04/02/92	17:55:31	3255.56	654.97	28.300	4.170	1.410	0.750
04/02/92	18:00:31	3260.56	659.97	28.400	4.170	1.380	0.735
04/02/92	18:05:31	3265.56	664.97	28.500	4.170	1.410	0.735
04/02/92	18:10:31	3270.56	669.97	28.700	4.170	1.380	0.740
04/02/92	18:15:31	3275.56	674.97	29.000	4.170	1.380	0.690
04/02/92	18:20:31	3280.56	679.97	29.300	4.170	1.380	0.695
04/02/92	18:25:31	3285.56	684.97	29.300	4.140	1.380	0.680

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	18:30:31	3290.56	689.97	29.200	4.140	1.380	0.670
04/02/92	18:35:31	3295.56	694.97	29.100	4.140	1.380	0.705
04/02/92	18:40:31	3300.56	699.97	29.200	4.140	1.380	0.685
04/02/92	18:45:31	3305.56	704.97	29.300	4.140	1.380	0.670
04/02/92	18:50:31	3310.56	709.97	29.200	4.140	1.380	0.675
04/02/92	18:55:31	3315.56	714.97	28.900	4.140	1.350	0.645
04/02/92	19:00:31	3320.56	719.97	29.000	4.140	1.380	0.650
04/02/92	19:05:31	3325.56	724.97	29.000	4.140	1.350	0.685
04/02/92	19:10:31	3330.56	729.97	29.100	4.140	1.380	0.665
04/02/92	19:15:31	3335.56	734.97	29.200	4.140	1.350	0.685
04/02/92	19:20:31	3340.56	739.97	29.300	4.140	1.380	0.705
04/02/92	19:25:31	3345.56	744.97	29.400	4.140	1.380	0.690
04/02/92	19:30:31	3350.56	749.97	29.300	4.140	1.380	0.755
04/02/92	19:35:31	3355.56	754.97	29.300	4.140	1.350	0.780
04/02/92	19:40:31	3360.56	759.97	29.300	4.140	1.350	0.765
04/02/92	19:45:31	3365.56	764.97	29.200	4.140	1.380	0.760
04/02/92	19:50:31	3370.56	769.97	29.200	4.110	1.380	0.735
04/02/92	19:55:31	3375.56	774.97	29.200	4.140	1.350	0.770
04/02/92	20:00:31	3380.56	779.97	29.200	4.140	1.380	0.840
04/02/92	20:05:31	3385.56	784.97	29.100	4.170	1.380	0.870
04/02/92	20:10:31	3390.56	789.97	29.000	4.170	1.410	0.905
04/02/92	20:15:31	3395.56	794.97	29.000	4.170	1.410	0.885
04/02/92	20:20:31	3400.56	799.97	29.000	4.170	1.410	0.880
04/02/92	20:25:31	3405.56	804.97	29.000	4.170	1.410	0.885
04/02/92	20:30:31	3410.56	809.97	28.900	4.170	1.410	0.895
04/02/92	20:35:31	3415.56	814.97	28.900	4.170	1.380	0.950
04/02/92	20:40:31	3420.56	819.97	28.900	4.170	1.410	0.985
04/02/92	20:45:31	3425.56	824.97	28.800	4.170	1.410	1.015
04/02/92	20:50:31	3430.56	829.97	28.700	4.170	1.410	1.055
04/02/92	20:55:31	3435.56	834.97	28.600	4.200	1.410	1.050
04/02/92	21:00:31	3440.56	839.97	28.500	4.200	1.410	1.095
04/02/92	21:05:31	3445.56	844.97	28.300	4.200	1.410	1.060
04/02/92	21:10:31	3450.56	849.97	28.200	4.200	1.410	1.070
04/02/92	21:15:31	3455.56	854.97	28.100	4.200	1.380	1.095
04/02/92	21:20:31	3460.56	859.97	27.900	4.200	1.410	1.130
04/02/92	21:25:31	3465.56	864.97	27.700	4.200	1.410	1.190
04/02/92	21:30:31	3470.56	869.97	27.500	4.200	1.410	1.200
04/02/92	21:35:31	3475.56	874.97	27.300	4.200	1.410	1.220
04/02/92	21:40:31	3480.56	879.97	27.000	4.200	1.410	1.235
04/02/92	21:45:31	3485.56	884.97	26.900	4.230	1.410	1.280
04/02/92	21:50:31	3490.56	889.97	26.700	4.230	1.440	1.285
04/02/92	21:55:31	3495.56	894.97	26.600	4.230	1.410	1.290
04/02/92	22:00:31	3500.56	899.97	26.400	4.230	1.440	1.285
04/02/92	22:05:31	3505.56	904.97	26.300	4.230	1.410	1.300
04/02/92	22:10:31	3510.56	909.97	26.200	4.230	1.440	1.360
04/02/92	22:15:31	3515.56	914.97	26.100	4.260	1.440	1.380
04/02/92	22:20:31	3520.56	919.97	26.000	4.260	1.440	1.400
04/02/92	22:25:31	3525.56	924.97	25.800	4.260	1.440	1.385
04/02/92	22:30:31	3530.56	929.97	25.600	4.260	1.440	1.370
04/02/92	22:35:31	3535.56	934.97	25.500	4.260	1.440	1.415
04/02/92	22:40:31	3540.56	939.97	25.400	4.260	1.440	1.445
04/02/92	22:45:31	3545.56	944.97	25.300	4.260	1.440	1.475
04/02/92	22:50:31	3550.56	949.97	25.100	4.260	1.470	1.470
04/02/92	22:55:31	3555.56	954.97	24.900	4.260	1.470	1.470
04/02/92	23:00:31	3560.56	959.97	24.900	4.290	1.470	1.510

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/02/92	23:05:31	3565.56	964.97	24.800	4.290	1.470	1.530
04/02/92	23:10:31	3570.56	969.97	24.600	4.290	1.470	1.565
04/02/92	23:15:31	3575.56	974.97	24.500	4.290	1.470	1.560
04/02/92	23:20:31	3580.56	979.97	24.400	4.290	1.470	1.580
04/02/92	23:25:31	3585.56	984.97	24.200	4.290	1.470	1.565
04/02/92	23:30:31	3590.56	989.97	24.100	4.290	1.470	1.610
04/02/92	23:35:31	3595.56	994.97	24.100	4.320	1.470	1.635
04/02/92	23:40:31	3600.56	999.97	24.000	4.290	1.470	1.660
04/02/92	23:45:31	3605.56	1004.97	23.900	4.320	1.500	1.660
04/02/92	23:50:31	3610.56	1009.97	23.800	4.320	1.470	1.660
04/02/92	23:55:31	3615.56	1014.97	23.800	4.320	1.500	1.730
04/03/92	00:00:31	3620.56	1019.97	23.700	4.320	1.500	1.745
04/03/92	00:05:31	3625.56	1024.97	23.600	4.320	1.500	1.770
04/03/92	00:10:31	3630.56	1029.97	23.600	4.320	1.500	1.730
04/03/92	00:15:31	3635.56	1034.97	23.600	4.350	1.500	1.765
04/03/92	00:20:31	3640.56	1039.97	23.600	4.350	1.500	1.785
04/03/92	00:25:31	3645.56	1044.97	23.600	4.350	1.500	1.820
04/03/92	00:30:31	3650.56	1049.97	23.500	4.350	1.500	1.815
04/03/92	00:35:31	3655.56	1054.97	23.500	4.350	1.500	1.810
04/03/92	00:40:31	3660.56	1059.97	23.400	4.350	1.500	1.825
04/03/92	00:45:31	3665.56	1064.97	23.400	4.350	1.530	1.885
04/03/92	00:50:31	3670.56	1069.97	23.300	4.350	1.530	1.890
04/03/92	00:55:31	3675.56	1074.97	23.300	4.380	1.500	1.875
04/03/92	01:00:31	3680.56	1079.97	23.200	4.380	1.530	1.855
04/03/92	01:05:31	3685.56	1084.97	23.200	4.380	1.530	1.885
04/03/92	01:10:31	3690.56	1089.97	23.100	4.380	1.530	1.905
04/03/92	01:15:31	3695.56	1094.97	22.900	4.380	1.530	1.875
04/03/92	01:20:31	3700.56	1099.97	22.800	4.380	1.530	1.875
04/03/92	01:25:31	3705.56	1104.97	22.700	4.380	1.530	1.880
04/03/92	01:30:31	3710.56	1109.97	22.600	4.380	1.530	1.905
04/03/92	01:35:31	3715.56	1114.97	22.300	4.380	1.530	1.855
04/03/92	01:40:31	3720.56	1119.97	22.300	4.380	1.530	1.830
04/03/92	01:45:31	3725.56	1124.97	22.300	4.380	1.530	1.805
04/03/92	01:50:31	3730.56	1129.97	22.400	4.380	1.530	1.800
04/03/92	01:55:31	3735.56	1134.97	22.300	4.410	1.530	1.800
04/03/92	02:00:31	3740.56	1139.97	22.400	4.410	1.530	1.780
04/03/92	02:05:31	3745.56	1144.97	22.400	4.410	1.530	1.795
04/03/92	02:10:31	3750.56	1149.97	22.300	4.380	1.530	1.785
04/03/92	02:15:31	3755.56	1154.97	22.300	4.380	1.530	1.770
04/03/92	02:20:31	3760.56	1159.97	22.200	4.380	1.530	1.695
04/03/92	02:25:31	3765.56	1164.97	22.300	4.380	1.530	1.680
04/03/92	02:30:31	3770.56	1169.97	22.300	4.380	1.530	1.675
04/03/92	02:35:31	3775.56	1174.97	22.200	4.380	1.530	1.685
04/03/92	02:40:31	3780.56	1179.97	22.100	4.380	1.530	1.645
04/03/92	02:45:31	3785.56	1184.97	22.000	4.380	1.530	1.625
04/03/92	02:50:31	3790.56	1189.97	22.000	4.380	1.530	1.625
04/03/92	02:55:31	3795.56	1194.97	21.900	4.380	1.530	1.635
04/03/92	03:00:31	3800.56	1199.97	21.800	4.380	1.530	1.585
04/03/92	03:05:31	3805.56	1204.97	21.800	4.380	1.530	1.555
04/03/92	03:10:31	3810.56	1209.97	21.800	4.350	1.530	1.530
04/03/92	03:15:31	3815.56	1214.97	21.800	4.380	1.530	1.530
04/03/92	03:20:31	3820.56	1219.97	21.700	4.350	1.530	1.510
04/03/92	03:25:31	3825.56	1224.97	21.600	4.350	1.530	1.470
04/03/92	03:30:31	3830.56	1229.97	21.500	4.350	1.500	1.455
04/03/92	03:35:31	3835.56	1234.97	21.400	4.350	1.500	1.425

INJECTION

Date	Real Time	Total Elapsed Time (Min)	Injection Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	03:40:31	3840.56	1239.97	21.400	4.350	1.500	1.405
04/03/92	03:45:31	3845.56	1244.97	21.300	4.320	1.500	1.370
04/03/92	03:50:31	3850.56	1249.97	21.200	4.320	1.500	1.365
04/03/92	03:55:31	3855.56	1254.97	21.200	4.320	1.500	1.375
04/03/92	04:00:31	3860.56	1259.97	21.100	4.320	1.500	1.350
04/03/92	04:05:31	3865.56	1264.97	21.100	4.320	1.500	1.325
04/03/92	04:10:31	3870.56	1269.97	21.000	4.320	1.500	1.275
04/03/92	04:15:31	3875.56	1274.97	21.000	4.320	1.500	1.285
04/03/92	04:20:31	3880.56	1279.97	20.800	4.320	1.500	1.260
04/03/92	04:25:31	3885.56	1284.97	20.800	4.290	1.500	1.270
04/03/92	04:30:31	3890.56	1289.97	20.900	4.320	1.500	1.235
04/03/92	04:35:31	3895.56	1294.97	20.800	4.320	1.500	1.225
04/03/92	04:40:31	3900.56	1299.97	20.700	4.290	1.500	1.230
04/03/92	04:45:31	3905.56	1304.97	20.600	4.290	1.500	1.200
04/03/92	04:50:31	3910.56	1309.97	20.600	4.290	1.500	1.185
04/03/92	04:55:31	3915.56	1314.97	20.500	4.290	1.470	1.120
04/03/92	05:00:31	3920.56	1319.97	20.300	4.290	1.470	1.125
04/03/92	05:05:31	3925.56	1324.97	20.200	4.290	1.470	1.120
04/03/92	05:10:31	3930.56	1329.97	20.200	4.290	1.470	1.095
04/03/92	05:15:31	3935.56	1334.97	20.300	4.290	1.470	1.080
04/03/92	05:20:31	3940.56	1339.97	20.200	4.260	1.470	1.030
04/03/92	05:25:31	3945.56	1344.97	20.000	4.260	1.470	1.035
04/03/92	05:30:31	3950.56	1349.97	19.800	4.260	1.470	1.035
04/03/92	05:35:31	3955.56	1354.97	19.900	4.260	1.440	1.025
04/03/92	05:40:31	3960.56	1359.97	20.000	4.260	1.440	1.010
04/03/92	05:45:31	3965.56	1364.97	20.100	4.260	1.440	1.000
04/03/92	05:50:31	3970.56	1369.97	20.300	4.260	1.440	0.995
04/03/92	05:55:31	3975.56	1374.97	20.600	4.260	1.440	0.980
04/03/92	06:00:31	3980.56	1379.97	20.700	4.230	1.440	0.935
04/03/92	06:05:31	3985.56	1384.97	20.800	4.260	1.440	0.910
04/03/92	06:10:31	3990.56	1389.97	20.800	4.230	1.440	0.915
04/03/92	06:15:31	3995.56	1394.97	20.700	4.230	1.440	0.915
04/03/92	06:20:31	4000.56	1399.97	20.600	4.230	1.440	0.915
04/03/92	06:25:31	4005.56	1404.97	20.600	4.230	1.440	0.875
04/03/92	06:30:31	4010.56	1409.97	20.500	4.230	1.440	0.855
04/03/92	06:35:31	4015.56	1414.97	20.400	4.200	1.440	0.850
04/03/92	06:40:31	4020.56	1419.97	20.500	4.230	1.440	0.870
04/03/92	06:45:31	4025.56	1424.97	20.300	4.230	1.440	0.895
04/03/92	06:50:31	4030.56	1429.97	20.100	4.230	1.440	0.900
04/03/92	06:55:31	4035.56	1434.97	20.200	4.230	1.440	0.895
04/03/92	07:00:31	4040.56	1439.97	19.800	4.200	1.440	0.845

RECOVERY

Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi	#3 DMW-1 Lower	#4 Canal Wt. Head psi
4044.32	0.00	20.600	4.230	1.440	0.845	1.410	0.855
4044.39	0.07	20.600	4.230	1.440	0.845	1.440	0.855
4044.40	0.08	20.600	4.230	1.410	0.850	1.440	0.855
4044.41	0.10	20.600	4.230	1.410	0.850	1.440	0.855
4044.42	0.11	20.700	4.230	1.440	0.850	1.440	0.855
4044.43	0.12	20.700	4.200	1.440	0.850	1.440	0.855
4044.45	0.13	20.600	4.230	1.440	0.850	1.440	0.855
4044.46	0.14	20.600	4.230	1.440	0.850	1.410	0.855
4044.47	0.15	20.600	4.230	1.410	0.850	1.440	0.855
4044.48	0.16	20.600	4.230	1.440	0.850	1.440	0.855
4044.49	0.17	20.600	4.230	1.440	0.850	1.440	0.860
4044.51	0.19	20.600	4.230	1.440	0.850	1.410	0.860
4044.53	0.21	20.600	4.230	1.440	0.850	1.440	0.860
4044.56	0.24	20.600	4.230	1.440	0.850	1.410	0.855
4044.57	0.25	20.600	4.230	1.410	0.845	1.410	0.855
4044.58	0.26	20.600	4.230	1.440	0.850	1.440	0.855
4044.60	0.28	20.600	4.230	1.440	0.850	1.440	0.855
4044.61	0.29	20.700	4.230	1.440	0.850	1.440	0.855
4044.63	0.31	20.600	4.230	1.440	0.850	1.440	0.855
4044.65	0.33	20.600	4.230	1.410	0.850	1.440	0.855
4044.66	0.34	20.700	4.230	1.410	0.855	1.440	0.860
4044.69	0.37	20.700	4.230	1.440	0.855	1.440	0.860
4044.70	0.38	20.600	4.230	1.440	0.855	1.440	0.860
4044.71	0.39	20.700	4.230	1.410	0.855	1.410	0.860
4044.73	0.41	20.700	4.200	1.440	0.850	1.440	0.860
4044.75	0.43	20.700	4.230	1.410	0.850	1.410	0.860
4044.76	0.44	20.600	4.230	1.440	0.850	1.440	0.860
4044.78	0.46	20.700	4.230	1.440	0.850	1.440	0.860
4044.80	0.48	20.600	4.230	1.440	0.850	1.440	0.860
4044.82	0.50	20.700	4.230	1.410	0.850	1.440	0.860
4044.83	0.51	20.700	4.230	1.440	0.855	1.440	0.855
4044.84	0.52	20.700	4.230	1.410	0.855	1.440	0.860
4044.86	0.54	20.600	4.230	1.440	0.850	1.440	0.860
4044.88	0.56	20.700	4.230	1.440	0.855	1.440	0.860
4044.90	0.58	20.700	4.230	1.440	0.855	1.440	0.860
4044.91	0.59	20.700	4.230	1.410	0.855	1.410	0.860
4044.93	0.61	20.700	4.230	1.410	0.855	1.440	0.860
4044.96	0.64	20.700	4.230	1.440	0.855	.440	0.860
4044.97	0.65	20.600	4.230	1.440	0.855	.440	0.860
4044.98	0.66	20.700	4.230	1.440	0.855	.440	0.860
4045.00	0.68	20.700	4.230	1.440	0.855	.440	0.860
4045.01	0.69	20.700	4.230	1.440	0.855	.440	0.860
4045.03	0.71	20.700	4.230	1.440	0.855	.440	0.860
4045.04	0.73	20.700	4.230	1.440	0.855	.440	0.860
4045.06	0.74	20.700	4.230	1.440	0.855	.440	0.860
4045.09	0.77	20.700	4.230	1.440	0.855	.440	0.860
4045.10	0.78	20.700	4.230	1.440	0.855	.440	0.860
4045.11	0.79	20.700	4.230	1.410	0.855	.440	0.860
4045.13	0.81	20.700	4.230	1.440	0.855	.440	0.860
4045.15	0.83	20.700	4.230	1.440	0.855	.410	0.860
4045.16	0.84	20.700	4.230	1.440	0.855	.440	0.860
4045.18	0.86	20.700	4.230	1.440	0.855	.440	0.860
4045.20	0.88	20.700	4.230	1.440	0.855	.440	0.860
4045.22	0.90	20.700	4.230	1.440	0.855	.440	0.860
4045.23	0.91	20.700	4.230	1.440	0.855	.440	0.860

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:06:07	4046.17	1.85	20.800	4.230	1.410	0.860
04/03/92	07:06:08	4046.18	1.86	20.800	4.230	1.440	0.860
04/03/92	07:06:09	4046.20	1.88	20.800	4.230	1.440	0.860
04/03/92	07:06:10	4046.21	1.89	20.800	4.230	1.440	0.860
04/03/92	07:06:11	4046.23	1.91	20.800	4.230	1.440	0.860
04/03/92	07:06:12	4046.25	1.93	20.800	4.230	1.440	0.865
04/03/92	07:06:13	4046.26	1.94	20.800	4.200	1.410	0.860
04/03/92	07:06:15	4046.29	1.97	20.800	4.230	1.440	0.860
04/03/92	07:06:15	4046.30	1.98	20.800	4.230	1.410	0.865
04/03/92	07:06:16	4046.31	1.99	20.800	4.230	1.440	0.860
04/03/92	07:06:17	4046.33	2.01	20.800	4.230	1.440	0.860
04/03/92	07:06:18	4046.35	2.03	20.800	4.230	1.440	0.860
04/03/92	07:06:19	4046.36	2.04	20.800	4.230	1.410	0.860
04/03/92	07:06:20	4046.38	2.06	20.800	4.230	1.440	0.860
04/03/92	07:06:21	4046.40	2.08	20.800	4.230	1.440	0.865
04/03/92	07:06:23	4046.42	2.11	20.800	4.230	1.440	0.865
04/03/92	07:06:23	4046.43	2.11	20.800	4.230	1.440	0.865
04/03/92	07:06:24	4046.44	2.12	20.800	4.230	1.440	0.860
04/03/92	07:06:25	4046.46	2.14	20.800	4.230	1.440	0.860
04/03/92	07:06:26	4046.48	2.16	20.800	4.230	1.440	0.860
04/03/92	07:06:27	4046.50	2.18	20.800	4.230	1.440	0.865
04/03/92	07:06:28	4046.51	2.19	20.800	4.230	1.440	0.865
04/03/92	07:06:29	4046.53	2.21	20.800	4.230	1.410	0.865
04/03/92	07:06:30	4046.56	2.24	20.800	4.230	1.410	0.865
04/03/92	07:06:31	4046.57	2.25	20.800	4.230	1.410	0.865
04/03/92	07:06:32	4046.58	2.26	20.800	4.230	1.440	0.865
04/03/92	07:06:33	4046.60	2.28	20.800	4.230	1.440	0.865
04/03/92	07:06:34	4046.61	2.29	20.800	4.230	1.440	0.865
04/03/92	07:06:35	4046.63	2.31	20.800	4.230	1.440	0.865
04/03/92	07:06:36	4046.65	2.33	20.700	4.230	1.410	0.865
04/03/92	07:06:37	4046.66	2.34	20.800	4.230	1.440	0.865
04/03/92	07:06:39	4046.69	2.37	20.800	4.230	1.410	0.865
04/03/92	07:06:39	4046.70	2.38	20.800	4.230	1.440	0.865
04/03/92	07:06:40	4046.71	2.39	20.800	4.230	1.440	0.865
04/03/92	07:06:41	4046.73	2.41	20.800	4.230	1.440	0.865
04/03/92	07:06:42	4046.75	2.43	20.800	4.200	1.440	0.865
04/03/92	07:06:43	4046.76	2.44	20.800	4.230	1.440	0.865
04/03/92	07:06:44	4046.78	2.46	20.800	4.230	1.440	0.865
04/03/92	07:06:45	4046.80	2.48	20.800	4.230	1.440	0.865
04/03/92	07:06:46	4046.82	2.50	20.800	4.230	1.440	0.865
04/03/92	07:06:47	4046.83	2.51	20.800	4.230	1.440	0.865
04/03/92	07:06:48	4046.84	2.52	20.800	4.230	1.440	0.865
04/03/92	07:06:49	4046.86	2.54	20.800	4.230	1.440	0.865
04/03/92	07:06:50	4046.88	2.56	20.800	4.230	1.440	0.865
04/03/92	07:06:51	4046.90	2.58	20.800	4.230	1.440	0.865
04/03/92	07:06:52	4046.91	2.59	20.800	4.230	1.440	0.865
04/03/92	07:06:53	4046.93	2.61	20.800	4.230	1.440	0.865
04/03/92	07:06:55	4046.96	2.64	20.800	4.230	1.440	0.865
04/03/92	07:06:55	4046.97	2.65	20.800	4.230	1.440	0.865
04/03/92	07:06:56	4046.98	2.66	20.800	4.230	1.410	0.865
04/03/92	07:06:57	4047.00	2.68	20.800	4.230	1.440	0.865
04/03/92	07:06:58	4047.01	2.69	20.800	4.230	1.440	0.865
04/03/92	07:06:59	4047.03	2.71	20.800	4.230	1.440	0.865
04/03/92	07:07:00	4047.05	2.73	20.800	4.200	1.440	0.865
04/03/92	07:07:01	4047.06	2.74	20.800	4.230	1.410	0.865

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:07:03	4047.09	2.77	20.800	4.230	1.440	0.870
04/03/92	07:07:03	4047.10	2.78	20.800	4.230	1.440	0.865
04/03/92	07:07:04	4047.11	2.79	20.800	4.230	1.440	0.865
04/03/92	07:07:05	4047.13	2.81	20.800	4.230	1.440	0.865
04/03/92	07:07:06	4047.15	2.83	20.800	4.230	1.440	0.870
04/03/92	07:07:07	4047.16	2.84	20.800	4.230	1.440	0.865
04/03/92	07:07:08	4047.18	2.86	20.800	4.230	1.440	0.865
04/03/92	07:07:09	4047.20	2.88	20.800	4.230	1.440	0.865
04/03/92	07:07:10	4047.22	2.90	20.800	4.230	1.440	0.865
04/03/92	07:07:11	4047.23	2.91	20.900	4.230	1.440	0.870
04/03/92	07:07:12	4047.24	2.92	20.800	4.230	1.440	0.870
04/03/92	07:07:13	4047.26	2.94	20.800	4.230	1.440	0.870
04/03/92	07:07:14	4047.28	2.96	20.800	4.230	1.440	0.870
04/03/92	07:07:15	4047.30	2.98	20.900	4.230	1.440	0.870
04/03/92	07:07:16	4047.31	2.99	20.900	4.230	1.440	0.870
04/03/92	07:07:17	4047.33	3.01	20.800	4.230	1.440	0.870
04/03/92	07:07:19	4047.36	3.04	20.800	4.230	1.440	0.870
04/03/92	07:07:19	4047.37	3.05	20.800	4.230	1.440	0.870
04/03/92	07:07:20	4047.38	3.06	20.800	4.230	1.440	0.870
04/03/92	07:07:21	4047.40	3.08	20.900	4.230	1.440	0.870
04/03/92	07:07:22	4047.41	3.09	20.800	4.230	1.440	0.870
04/03/92	07:07:23	4047.43	3.11	20.800	4.230	1.440	0.870
04/03/92	07:07:24	4047.45	3.13	20.900	4.230	1.440	0.870
04/03/92	07:07:25	4047.46	3.14	20.800	4.230	1.440	0.870
04/03/92	07:07:26	4047.49	3.17	20.800	4.230	1.440	0.870
04/03/92	07:07:27	4047.50	3.18	20.800	4.230	1.440	0.870
04/03/92	07:07:28	4047.51	3.19	20.800	4.230	1.440	0.870
04/03/92	07:07:29	4047.53	3.21	20.900	4.230	1.440	0.870
04/03/92	07:07:30	4047.54	3.23	20.800	4.230	1.440	0.870
04/03/92	07:07:31	4047.56	3.24	20.800	4.230	1.440	0.870
04/03/92	07:07:32	4047.58	3.26	20.900	4.230	1.440	0.870
04/03/92	07:07:33	4047.60	3.28	20.900	4.230	1.440	0.870
04/03/92	07:07:35	4047.62	3.30	20.900	4.230	1.440	0.870
04/03/92	07:07:35	4047.63	3.31	20.800	4.200	1.440	0.870
04/03/92	07:07:36	4047.64	3.32	20.900	4.230	1.440	0.870
04/03/92	07:07:37	4047.66	3.34	20.900	4.230	1.410	0.870
04/03/92	07:07:38	4047.68	3.36	20.800	4.230	1.440	0.870
04/03/92	07:07:39	4047.70	3.38	20.800	4.230	1.440	0.870
04/03/92	07:07:40	4047.71	3.39	20.900	4.230	1.440	0.870
04/03/92	07:07:41	4047.73	3.41	20.900	4.230	1.410	0.870
04/03/92	07:07:42	4047.76	3.44	20.900	4.230	1.440	0.875
04/03/92	07:07:43	4047.77	3.45	20.900	4.230	1.440	0.870
04/03/92	07:07:44	4047.78	3.46	20.800	4.230	1.410	0.875
04/03/92	07:07:45	4047.80	3.48	20.900	4.230	1.440	0.875
04/03/92	07:07:46	4047.81	3.49	20.900	4.230	1.440	0.870
04/03/92	07:07:47	4047.83	3.51	20.900	4.230	1.440	0.875
04/03/92	07:07:48	4047.85	3.53	20.900	4.230	1.440	0.875
04/03/92	07:07:49	4047.86	3.54	20.800	4.230	1.440	0.870
04/03/92	07:07:50	4047.89	3.57	20.900	4.230	1.440	0.870
04/03/92	07:07:51	4047.90	3.58	20.900	4.230	1.440	0.870
04/03/92	07:07:52	4047.91	3.59	20.900	4.230	1.410	0.870
04/03/92	07:07:53	4047.93	3.61	20.900	4.200	1.410	0.870
04/03/92	07:07:54	4047.95	3.63	20.900	4.230	1.410	0.870
04/03/92	07:07:55	4047.96	3.64	20.900	4.200	1.440	0.870
04/03/92	07:07:56	4047.98	3.66	20.900	4.230	1.440	0.870

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head per
04/03/92	07:07:57	4048.00	3.68	20.900	4.230	1.440	0.875
04/03/92	07:07:59	4048.02	3.71	20.900	4.230	1.410	0.875
04/03/92	07:07:59	4048.03	3.72	20.900	4.230	1.440	0.875
04/03/92	07:08:00	4048.04	3.73	20.900	4.230	1.440	0.875
04/03/92	07:08:01	4048.06	3.74	20.900	4.230	1.440	0.875
04/03/92	07:08:02	4048.08	3.76	20.900	4.230	1.440	0.875
04/03/92	07:08:03	4048.09	3.78	20.900	4.230	1.440	0.875
04/03/92	07:08:04	4048.11	3.79	20.900	4.230	1.440	0.875
04/03/92	07:08:05	4048.13	3.81	20.900	4.230	1.440	0.875
04/03/92	07:08:06	4048.16	3.84	20.900	4.200	1.440	0.875
04/03/92	07:08:07	4048.17	3.85	20.900	4.230	1.440	0.875
04/03/92	07:08:08	4048.18	3.86	20.900	4.230	1.440	0.875
04/03/92	07:08:09	4048.20	3.88	20.900	4.200	1.410	0.875
04/03/92	07:08:10	4048.21	3.90	20.900	4.230	1.440	0.875
04/03/92	07:08:11	4048.23	3.91	20.900	4.230	1.440	0.875
04/03/92	07:08:12	4048.25	3.93	20.900	4.230	1.440	0.880
04/03/92	07:08:13	4048.26	3.94	20.900	4.230	1.440	0.875
04/03/92	07:08:15	4048.29	3.97	20.900	4.230	1.440	0.875
04/03/92	07:08:15	4048.30	3.98	20.900	4.230	1.440	0.875
04/03/92	07:08:16	4048.31	3.99	20.900	4.230	1.440	0.875
04/03/92	07:08:17	4048.33	4.01	20.900	4.200	1.410	0.875
04/03/92	07:08:18	4048.35	4.03	20.900	4.230	1.440	0.875
04/03/92	07:08:19	4048.36	4.04	20.900	4.230	1.440	0.875
04/03/92	07:08:20	4048.38	4.06	20.900	4.230	1.410	0.875
04/03/92	07:08:21	4048.40	4.08	20.900	4.230	1.440	0.875
04/03/92	07:08:22	4048.42	4.10	20.800	4.230	1.440	0.875
04/03/92	07:08:23	4048.43	4.11	20.900	4.230	1.440	0.875
04/03/92	07:08:24	4048.44	4.12	20.900	4.230	1.440	0.875
04/03/92	07:08:25	4048.46	4.14	20.900	4.230	1.440	0.875
04/03/92	07:08:26	4048.48	4.16	20.900	4.230	1.440	0.875
04/03/92	07:08:27	4048.50	4.18	20.900	4.230	1.440	0.880
04/03/92	07:08:28	4048.51	4.19	20.900	4.230	1.410	0.880
04/03/92	07:08:29	4048.53	4.21	20.900	4.230	1.440	0.880
04/03/92	07:08:30	4048.56	4.24	20.900	4.230	1.440	0.875
04/03/92	07:08:31	4048.57	4.25	20.900	4.230	1.440	0.875
04/03/92	07:08:32	4048.58	4.26	20.900	4.230	1.410	0.875
04/03/92	07:08:33	4048.60	4.28	20.900	4.230	1.440	0.880
04/03/92	07:08:34	4048.61	4.29	20.900	4.230	1.440	0.880
04/03/92	07:08:35	4048.63	4.31	20.900	4.230	1.440	0.875
04/03/92	07:08:36	4048.64	4.33	20.900	4.230	1.410	0.875
04/03/92	07:08:37	4048.66	4.34	20.900	4.200	1.440	0.875
04/03/92	07:08:39	4048.69	4.37	20.900	4.230	1.440	0.880
04/03/92	07:08:39	4048.70	4.38	20.900	4.230	1.440	0.880
04/03/92	07:08:40	4048.71	4.39	20.900	4.230	1.410	0.875
04/03/92	07:08:41	4048.73	4.41	20.900	4.230	1.410	0.875
04/03/92	07:08:42	4048.75	4.43	20.900	4.230	1.440	0.875
04/03/92	07:08:43	4048.76	4.44	20.900	4.230	1.440	0.875
04/03/92	07:08:44	4048.78	4.46	20.900	4.230	1.440	0.875
04/03/92	07:08:45	4048.80	4.48	20.900	4.230	1.440	0.875
04/03/92	07:08:46	4048.82	4.50	20.900	4.230	1.440	0.875
04/03/92	07:08:47	4048.83	4.51	20.900	4.230	1.440	0.875
04/03/92	07:08:48	4048.84	4.52	20.900	4.230	1.440	0.870
04/03/92	07:08:49	4048.86	4.54	20.900	4.230	1.410	0.875
04/03/92	07:08:50	4048.88	4.56	20.900	4.230	1.410	0.875
04/03/92	07:08:51	4048.90	4.58	20.900	4.230	1.440	0.870

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:08:52	4048.91	4.59	20.900	4.230	1.440	0.875
04/03/92	07:08:53	4048.93	4.61	20.900	4.230	1.440	0.875
04/03/92	07:08:55	4048.96	4.64	20.900	4.230	1.440	0.875
04/03/92	07:08:55	4048.97	4.65	20.900	4.230	1.440	0.875
04/03/92	07:08:56	4048.98	4.66	21.000	4.230	1.410	0.875
04/03/92	07:08:57	4049.00	4.68	20.900	4.230	1.440	0.875
04/03/92	07:08:58	4049.01	4.69	20.900	4.230	1.440	0.875
04/03/92	07:08:59	4049.03	4.71	20.900	4.230	1.440	0.875
04/03/92	07:09:00	4049.05	4.73	20.900	4.230	1.410	0.870
04/03/92	07:09:01	4049.06	4.74	20.900	4.230	1.410	0.875
04/03/92	07:09:02	4049.09	4.77	20.900	4.230	1.440	0.875
04/03/92	07:09:03	4049.10	4.78	20.900	4.230	1.440	0.875
04/03/92	07:09:04	4049.11	4.79	20.900	4.200	1.440	0.875
04/03/92	07:09:05	4049.13	4.81	21.000	4.230	1.440	0.875
04/03/92	07:09:06	4049.15	4.83	20.900	4.230	1.440	0.875
04/03/92	07:09:07	4049.16	4.84	20.900	4.230	1.440	0.875
04/03/92	07:09:08	4049.18	4.86	21.000	4.230	1.440	0.875
04/03/92	07:09:09	4049.20	4.88	20.900	4.230	1.440	0.875
04/03/92	07:09:11	4049.22	4.90	20.900	4.230	1.410	0.875
04/03/92	07:09:11	4049.23	4.91	21.000	4.230	1.440	0.875
04/03/92	07:09:12	4049.24	4.92	20.900	4.230	1.410	0.875
04/03/92	07:09:13	4049.26	4.94	21.000	4.230	1.410	0.875
04/03/92	07:09:14	4049.28	4.96	20.900	4.230	1.440	0.875
04/03/92	07:09:15	4049.30	4.98	20.900	4.200	1.440	0.875
04/03/92	07:09:16	4049.31	4.99	20.900	4.230	1.440	0.875
04/03/92	07:09:17	4049.33	5.01	20.900	4.230	1.440	0.875
04/03/92	07:09:19	4049.36	5.04	21.000	4.230	1.410	0.875
04/03/92	07:09:19	4049.37	5.05	20.900	4.230	1.440	0.875
04/03/92	07:09:20	4049.38	5.06	20.900	4.230	1.410	0.875
04/03/92	07:09:21	4049.40	5.08	21.000	4.230	1.440	0.875
04/03/92	07:09:22	4049.41	5.09	21.000	4.230	1.440	0.875
04/03/92	07:09:23	4049.43	5.11	21.000	4.200	1.440	0.875
04/03/92	07:09:24	4049.45	5.13	21.000	4.230	1.440	0.875
04/03/92	07:09:25	4049.46	5.14	21.000	4.230	1.440	0.875
04/03/92	07:09:26	4049.49	5.17	21.000	4.200	1.440	0.875
04/03/92	07:09:27	4049.50	5.18	21.000	4.230	1.440	0.870
04/03/92	07:09:28	4049.51	5.19	20.900	4.230	1.440	0.875
04/03/92	07:09:29	4049.53	5.21	20.900	4.230	1.440	0.875
04/03/92	07:09:30	4049.54	5.23	21.000	4.230	1.440	0.875
04/03/92	07:09:31	4049.56	5.24	20.900	4.230	1.440	0.875
04/03/92	07:09:32	4049.58	5.26	21.000	4.230	1.440	0.875
04/03/92	07:09:33	4049.60	5.28	21.000	4.200	1.440	0.875
04/03/92	07:09:35	4049.62	5.30	21.000	4.230	1.440	0.875
04/03/92	07:09:35	4049.63	5.32	20.900	4.230	1.440	0.875
04/03/92	07:09:36	4049.64	5.33	20.900	4.230	1.410	0.875
04/03/92	07:09:37	4049.66	5.34	20.900	4.230	1.410	0.875
04/03/92	07:09:38	4049.68	5.36	21.000	4.230	1.440	0.875
04/03/92	07:09:39	4049.70	5.38	21.000	4.230	1.440	0.875
04/03/92	07:09:40	4049.71	5.39	21.000	4.230	1.440	0.875
04/03/92	07:09:41	4049.73	5.41	21.000	4.230	1.440	0.875
04/03/92	07:09:42	4049.76	5.44	21.000	4.230	1.440	0.875
04/03/92	07:09:43	4049.77	5.45	21.000	4.230	1.410	0.875
04/03/92	07:09:44	4049.78	5.46	21.000	4.230	1.440	0.875
04/03/92	07:09:45	4049.80	5.48	21.000	4.200	1.440	0.875
04/03/92	07:09:46	4049.81	5.49	21.000	4.200	1.440	0.875

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:09:47	4049.83	5.51	21.000	4.230	1.440	0.880
04/03/92	07:09:48	4049.85	5.53	21.000	4.230	1.440	0.875
04/03/92	07:09:49	4049.86	5.54	21.000	4.230	1.410	0.880
04/03/92	07:09:51	4049.89	5.57	21.000	4.230	1.440	0.880
04/03/92	07:09:51	4049.90	5.58	21.000	4.230	1.440	0.875
04/03/92	07:09:52	4049.91	5.59	21.000	4.230	1.440	0.880
04/03/92	07:09:53	4049.93	5.61	21.000	4.230	1.440	0.875
04/03/92	07:09:54	4049.95	5.63	21.000	4.230	1.440	0.875
04/03/92	07:09:55	4049.96	5.64	20.900	4.230	1.440	0.875
04/03/92	07:09:56	4049.98	5.66	21.000	4.230	1.440	0.875
04/03/92	07:09:57	4050.00	5.68	21.000	4.230	1.440	0.880
04/03/92	07:09:59	4050.02	5.71	21.000	4.230	1.440	0.880
04/03/92	07:09:59	4050.03	5.71	21.000	4.230	1.440	0.875
04/03/92	07:10:00	4050.04	5.72	21.000	4.230	1.410	0.880
04/03/92	07:10:01	4050.06	5.74	21.000	4.230	1.410	0.880
04/03/92	07:10:02	4050.08	5.76	21.000	4.230	1.410	0.880
04/03/92	07:10:03	4050.10	5.78	21.000	4.230	1.410	0.880
04/03/92	07:10:04	4050.11	5.79	21.000	4.230	1.410	0.875
04/03/92	07:10:05	4050.13	5.81	21.000	4.200	1.410	0.875
04/03/92	07:10:06	4050.16	5.84	21.000	4.230	1.440	0.875
04/03/92	07:10:07	4050.17	5.85	21.000	4.230	1.410	0.875
04/03/92	07:10:08	4050.18	5.86	21.000	4.230	1.440	0.880
04/03/92	07:10:09	4050.20	5.88	21.000	4.230	1.440	0.875
04/03/92	07:10:10	4050.21	5.89	21.000	4.200	1.410	0.875
04/03/92	07:10:11	4050.23	5.91	21.000	4.230	1.440	0.875
04/03/92	07:10:12	4050.24	5.93	21.000	4.230	1.440	0.875
04/03/92	07:10:13	4050.26	5.94	21.000	4.230	1.440	0.875
04/03/92	07:10:15	4050.29	5.97	21.000	4.230	1.440	0.875
04/03/92	07:10:15	4050.30	5.98	21.000	4.230	1.440	0.880
04/03/92	07:10:16	4050.31	5.99	21.000	4.230	1.410	0.875
04/03/92	07:10:17	4050.33	6.01	21.000	4.230	1.440	0.875
04/03/92	07:10:18	4050.35	6.03	21.000	4.230	1.440	0.875
04/03/92	07:10:19	4050.36	6.05	21.000	4.230	1.440	0.875
04/03/92	07:10:20	4050.38	6.06	21.000	4.230	1.440	0.875
04/03/92	07:10:21	4050.40	6.08	21.000	4.230	1.440	0.875
04/03/92	07:10:22	4050.42	6.10	21.000	4.230	1.440	0.880
04/03/92	07:10:23	4050.43	6.11	21.000	4.230	1.440	0.880
04/03/92	07:10:24	4050.44	6.12	21.000	4.230	1.410	0.880
04/03/92	07:10:25	4050.46	6.14	21.000	4.230	1.440	0.880
04/03/92	07:10:26	4050.48	6.16	21.000	4.230	1.410	0.880
04/03/92	07:10:27	4050.50	6.18	21.000	4.230	1.440	0.875
04/03/92	07:10:28	4050.51	6.19	21.000	4.230	1.410	0.875
04/03/92	07:10:29	4050.53	6.21	21.000	4.230	1.440	0.880
04/03/92	07:10:31	4050.56	6.24	21.000	4.230	1.440	0.875
04/03/92	07:10:31	4050.57	6.25	21.000	4.230	1.440	0.880
04/03/92	07:10:32	4050.58	6.26	21.000	4.230	1.440	0.880
04/03/92	07:10:33	4050.60	6.28	21.000	4.230	1.440	0.875
04/03/92	07:10:34	4050.61	6.29	21.000	4.230	1.440	0.880
04/03/92	07:10:35	4050.63	6.31	21.000	4.230	1.410	0.880
04/03/92	07:10:36	4050.65	6.33	21.000	4.230	1.440	0.880
04/03/92	07:10:37	4050.66	6.34	21.000	4.230	1.440	0.880
04/03/92	07:10:39	4050.69	6.37	21.000	4.230	1.440	0.880
04/03/92	07:10:39	4050.70	6.38	21.000	4.230	1.440	0.880
04/03/92	07:10:40	4050.71	6.39	21.000	4.230	1.440	0.875
04/03/92	07:10:41	4050.73	6.41	21.000	4.230	1.410	0.880

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:10:42	4050.75	6.43	21.000	4.230	1.410	0.880
04/03/92	07:10:43	4050.76	6.44	21.000	4.230	1.440	0.875
04/03/92	07:10:44	4050.78	6.46	21.000	4.230	1.440	0.880
04/03/92	07:10:45	4050.79	6.48	21.000	4.230	1.440	0.880
04/03/92	07:10:46	4050.82	6.50	21.000	4.230	1.440	0.875
04/03/92	07:10:47	4050.83	6.51	21.000	4.230	1.440	0.880
04/03/92	07:10:48	4050.84	6.52	21.000	4.200	1.440	0.880
04/03/92	07:10:49	4050.86	6.54	21.000	4.230	1.410	0.880
04/03/92	07:10:50	4050.88	6.56	21.000	4.230	1.440	0.880
04/03/92	07:10:51	4050.90	6.58	21.000	4.230	1.440	0.880
04/03/92	07:10:52	4050.91	6.59	21.000	4.230	1.440	0.875
04/03/92	07:10:53	4050.93	6.61	21.000	4.230	1.440	0.880
04/03/92	07:10:55	4050.96	6.64	21.000	4.230	1.440	0.875
04/03/92	07:10:55	4050.97	6.65	21.000	4.230	1.440	0.875
04/03/92	07:10:56	4050.98	6.66	21.000	4.230	1.440	0.875
04/03/92	07:10:57	4051.00	6.68	21.000	4.230	1.440	0.875
04/03/92	07:10:58	4051.01	6.69	21.000	4.230	1.440	0.880
04/03/92	07:10:59	4051.03	6.71	21.000	4.230	1.440	0.875
04/03/92	07:11:00	4051.05	6.73	21.000	4.230	1.410	0.875
04/03/92	07:11:01	4051.06	6.74	21.000	4.230	1.440	0.880
04/03/92	07:11:02	4051.09	6.77	21.000	4.230	1.440	0.875
04/03/92	07:11:03	4051.10	6.78	21.000	4.230	1.440	0.875
04/03/92	07:11:04	4051.11	6.79	21.000	4.230	1.440	0.875
04/03/92	07:11:05	4051.13	6.81	21.000	4.230	1.440	0.875
04/03/92	07:11:06	4051.14	6.83	21.000	4.230	1.440	0.875
04/03/92	07:11:07	4051.16	6.84	21.000	4.230	1.440	0.875
04/03/92	07:11:08	4051.18	6.86	21.000	4.230	1.440	0.875
04/03/92	07:11:09	4051.20	6.88	21.000	4.230	1.440	0.880
04/03/92	07:11:11	4051.22	6.90	21.000	4.230	1.440	0.875
04/03/92	07:11:11	4051.23	6.91	21.000	4.230	1.440	0.875
04/03/92	07:11:12	4051.24	6.92	21.000	4.230	1.440	0.880
04/03/92	07:11:13	4051.26	6.95	21.000	4.230	1.410	0.875
04/03/92	07:11:14	4051.28	6.96	21.000	4.230	1.440	0.880
04/03/92	07:11:15	4051.30	6.98	21.000	4.230	1.440	0.880
04/03/92	07:11:16	4051.31	6.99	21.000	4.230	1.410	0.875
04/03/92	07:11:17	4051.33	7.01	21.000	4.230	1.410	0.880
04/03/92	07:11:18	4051.36	7.04	21.000	4.230	1.440	0.880
04/03/92	07:11:19	4051.37	7.05	21.000	4.230	1.440	0.880
04/03/92	07:11:20	4051.38	7.06	21.000	4.230	1.440	0.880
04/03/92	07:11:21	4051.40	7.08	21.000	4.230	1.440	0.875
04/03/92	07:11:22	4051.41	7.09	21.000	4.230	1.440	0.880
04/03/92	07:11:23	4051.43	7.11	21.000	4.230	1.440	0.880
04/03/92	07:11:24	4051.45	7.13	21.000	4.230	1.440	0.880
04/03/92	07:11:25	4051.46	7.15	21.000	4.230	1.440	0.880
04/03/92	07:11:26	4051.49	7.17	21.000	4.230	1.440	0.875
04/03/92	07:11:27	4051.50	7.18	21.000	4.230	1.440	0.875
04/03/92	07:11:28	4051.51	7.19	21.100	4.230	1.440	0.875
04/03/92	07:11:29	4051.53	7.21	21.000	4.230	1.440	0.875
04/03/92	07:11:30	4051.55	7.23	21.000	4.230	1.440	0.880
04/03/92	07:11:31	4051.56	7.24	21.100	4.200	1.440	0.880
04/03/92	07:11:32	4051.58	7.26	21.000	4.230	1.440	0.875
04/03/92	07:11:33	4051.60	7.28	21.000	4.230	1.440	0.880
04/03/92	07:11:35	4051.62	7.31	21.100	4.230	1.440	0.880
04/03/92	07:11:35	4051.63	7.32	21.000	4.230	1.440	0.880
04/03/92	07:11:36	4051.64	7.33	21.000	4.230	1.440	0.880

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:11:37	4051.66	7.34	21.000	4.230	1.410	0.880
04/03/92	07:11:38	4051.68	7.36	21.000	4.200	1.440	0.880
04/03/92	07:11:39	4051.69	7.38	21.000	4.230	1.440	0.880
04/03/92	07:11:40	4051.71	7.39	21.000	4.230	1.440	0.875
04/03/92	07:11:41	4051.73	7.41	21.000	4.230	1.440	0.880
04/03/92	07:11:42	4051.76	7.44	21.000	4.230	1.410	0.875
04/03/92	07:11:43	4051.77	7.45	21.000	4.230	1.440	0.880
04/03/92	07:11:44	4051.78	7.46	21.000	4.230	1.440	0.880
04/03/92	07:11:45	4051.80	7.48	21.000	4.230	1.440	0.875
04/03/92	07:11:46	4051.81	7.49	21.100	4.230	1.410	0.880
04/03/92	07:11:47	4051.83	7.51	21.100	4.230	1.440	0.880
04/03/92	07:11:48	4051.85	7.53	21.000	4.230	1.440	0.880
04/03/92	07:11:49	4051.86	7.54	21.100	4.230	1.440	0.875
04/03/92	07:11:51	4051.89	7.57	21.000	4.230	1.410	0.875
04/03/92	07:11:51	4051.90	7.58	21.000	4.230	1.440	0.875
04/03/92	07:11:52	4051.91	7.59	21.000	4.230	1.410	0.875
04/03/92	07:11:53	4051.93	7.61	21.000	4.200	1.410	0.875
04/03/92	07:11:54	4051.95	7.63	21.000	4.230	1.440	0.875
04/03/92	07:11:55	4051.96	7.64	21.100	4.230	1.440	0.875
04/03/92	07:11:56	4051.98	7.66	21.000	4.230	1.410	0.880
04/03/92	07:11:57	4052.00	7.68	21.000	4.230	1.440	0.875
04/03/92	07:11:58	4052.02	7.70	21.100	4.230	1.440	0.875
04/03/92	07:11:59	4052.03	7.71	21.000	4.230	1.440	0.880
04/03/92	07:12:00	4052.04	7.72	21.100	4.230	1.440	0.880
04/03/92	07:12:01	4052.06	7.74	21.000	4.230	1.410	0.880
04/03/92	07:12:02	4052.08	7.76	21.000	4.230	1.410	0.880
04/03/92	07:12:03	4052.10	7.78	21.000	4.200	1.440	0.875
04/03/92	07:12:04	4052.11	7.79	21.000	4.230	1.440	0.880
04/03/92	07:12:05	4052.13	7.81	21.100	4.230	1.440	0.880
04/03/92	07:12:06	4052.16	7.84	21.000	4.230	1.440	0.875
04/03/92	07:12:07	4052.17	7.85	21.100	4.230	1.440	0.875
04/03/92	07:12:08	4052.18	7.86	21.100	4.230	1.440	0.880
04/03/92	07:12:09	4052.20	7.88	21.100	4.230	1.440	0.880
04/03/92	07:12:10	4052.21	7.89	21.100	4.230	1.440	0.880
04/03/92	07:12:11	4052.23	7.91	21.100	4.230	1.440	0.875
04/03/92	07:12:12	4052.24	7.93	21.100	4.200	1.440	0.875
04/03/92	07:12:13	4052.26	7.94	21.100	4.230	1.410	0.880
04/03/92	07:12:15	4052.29	7.97	21.100	4.230	1.440	0.880
04/03/92	07:12:15	4052.30	7.98	21.000	4.230	1.440	0.880
04/03/92	07:12:16	4052.31	7.99	21.100	4.230	1.440	0.880
04/03/92	07:12:17	4052.33	8.01	21.100	4.230	1.410	0.880
04/03/92	07:12:18	4052.35	8.03	21.100	4.230	1.440	0.880
04/03/92	07:12:19	4052.36	8.04	21.100	4.230	1.440	0.880
04/03/92	07:12:20	4052.38	8.06	21.100	4.230	1.440	0.875
04/03/92	07:12:21	4052.40	8.08	21.100	4.230	1.440	0.880
04/03/92	07:12:22	4052.42	8.10	21.100	4.230	1.410	0.875
04/03/92	07:12:23	4052.43	8.11	21.100	4.230	1.440	0.880
04/03/92	07:12:24	4052.44	8.12	21.100	4.230	1.440	0.880
04/03/92	07:12:25	4052.46	8.14	21.100	4.200	1.440	0.880
04/03/92	07:12:26	4052.48	8.16	21.100	4.200	1.440	0.880
04/03/92	07:12:27	4052.50	8.18	21.000	4.230	1.440	0.880
04/03/92	07:12:28	4052.51	8.19	21.100	4.230	1.440	0.880
04/03/92	07:12:29	4052.53	8.21	21.100	4.230	1.440	0.880
04/03/92	07:12:31	4052.56	8.24	21.100	4.230	1.440	0.880
04/03/92	07:12:31	4052.57	8.25	21.100	4.230	1.440	0.880

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:12:32	4052.58	8.26	21.000	4.230	1.440	0.875
04/03/92	07:12:33	4052.59	8.28	21.100	4.230	1.440	0.875
04/03/92	07:12:34	4052.61	8.29	21.000	4.230	1.440	0.875
04/03/92	07:12:35	4052.63	8.31	21.100	4.200	1.440	0.875
04/03/92	07:12:36	4052.65	8.33	21.100	4.230	1.440	0.875
04/03/92	07:12:37	4052.66	8.34	21.100	4.230	1.440	0.875
04/03/92	07:12:38	4052.69	8.37	21.100	4.230	1.410	0.880
04/03/92	07:12:39	4052.70	8.38	21.100	4.230	1.440	0.880
04/03/92	07:12:40	4052.71	8.39	21.100	4.230	1.440	0.880
04/03/92	07:12:41	4052.73	8.41	21.000	4.230	1.440	0.880
04/03/92	07:12:42	4052.75	8.43	21.100	4.230	1.440	0.880
04/03/92	07:12:43	4052.76	8.44	21.100	4.230	1.440	0.880
04/03/92	07:12:44	4052.78	8.46	21.100	4.230	1.440	0.880
04/03/92	07:12:45	4052.80	8.48	21.100	4.200	1.440	0.880
04/03/92	07:12:47	4052.82	8.50	21.100	4.230	1.410	0.880
04/03/92	07:12:47	4052.83	8.51	21.100	4.230	1.440	0.880
04/03/92	07:12:48	4052.84	8.52	21.100	4.230	1.440	0.880
04/03/92	07:12:49	4052.86	8.54	21.100	4.200	1.440	0.875
04/03/92	07:12:50	4052.88	8.56	21.100	4.230	1.440	0.880
04/03/92	07:12:51	4052.90	8.58	21.100	4.230	1.410	0.880
04/03/92	07:12:52	4052.91	8.59	21.000	4.230	1.410	0.875
04/03/92	07:12:53	4052.93	8.61	21.100	4.230	1.440	0.880
04/03/92	07:12:55	4052.96	8.64	21.100	4.230	1.440	0.880
04/03/92	07:12:55	4052.97	8.65	21.100	4.230	1.440	0.880
04/03/92	07:12:56	4052.98	8.66	21.000	4.230	1.440	0.880
04/03/92	07:12:57	4053.00	8.68	21.100	4.230	1.410	0.880
04/03/92	07:12:58	4053.01	8.69	21.100	4.230	1.410	0.875
04/03/92	07:12:59	4053.03	8.71	21.100	4.230	1.440	0.875
04/03/92	07:13:00	4053.05	8.73	21.100	4.230	1.440	0.875
04/03/92	07:13:01	4053.06	8.74	21.100	4.230	1.440	0.875
04/03/92	07:13:02	4053.09	8.77	21.100	4.230	1.440	0.875
04/03/92	07:13:03	4053.10	8.78	21.100	4.230	1.440	0.875
04/03/92	07:13:04	4053.11	8.79	21.100	4.230	1.410	0.875
04/03/92	07:13:05	4053.13	8.81	21.100	4.230	1.440	0.875
04/03/92	07:13:06	4053.14	8.83	21.100	4.200	1.440	0.875
04/03/92	07:13:07	4053.16	8.84	21.100	4.230	1.440	0.875
04/03/92	07:13:08	4053.18	8.86	21.000	4.200	1.440	0.875
04/03/92	07:13:09	4053.20	8.88	21.100	4.230	1.440	0.875
04/03/92	07:13:11	4053.22	8.90	21.100	4.230	1.440	0.875
04/03/92	07:13:11	4053.23	8.92	21.100	4.230	1.440	0.875
04/03/92	07:13:12	4053.24	8.93	21.000	4.230	1.440	0.875
04/03/92	07:13:13	4053.26	8.95	21.100	4.230	1.440	0.875
04/03/92	07:13:14	4053.28	8.96	21.100	4.230	1.410	0.875
04/03/92	07:13:15	4053.30	8.98	21.100	4.230	1.440	0.875
04/03/92	07:13:16	4053.31	8.99	21.100	4.230	1.440	0.875
04/03/92	07:13:17	4053.33	9.01	21.100	4.230	1.440	0.875
04/03/92	07:13:18	4053.36	9.04	21.100	4.230	1.440	0.875
04/03/92	07:13:19	4053.37	9.05	21.100	4.230	1.440	0.875
04/03/92	07:13:20	4053.38	9.06	21.100	4.230	1.410	0.875
04/03/92	07:13:21	4053.40	9.08	21.100	4.200	1.440	0.870
04/03/92	07:13:22	4053.41	9.09	21.100	4.230	1.440	0.870
04/03/92	07:13:23	4053.43	9.11	21.100	4.230	1.440	0.870
04/03/92	07:13:24	4053.45	9.13	21.100	4.230	1.440	0.870
04/03/92	07:13:25	4053.46	9.14	21.100	4.230	1.440	0.870
04/03/92	07:13:27	4053.49	9.17	21.100	4.230	1.410	0.870

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:13:27	4053.50	9.18	21.100	4.230	1.440	0.875
04/03/92	07:13:28	4053.51	9.19	21.100	4.230	1.440	0.875
04/03/92	07:13:29	4053.53	9.21	21.100	4.230	1.440	0.875
04/03/92	07:13:30	4053.55	9.23	21.100	4.230	1.440	0.870
04/03/92	07:13:31	4053.56	9.24	21.100	4.230	1.410	0.870
04/03/92	07:13:32	4053.58	9.26	21.100	4.230	1.440	0.870
04/03/92	07:13:33	4053.60	9.28	21.100	4.230	1.410	0.870
04/03/92	07:13:35	4053.62	9.31	21.100	4.230	1.410	0.870
04/03/92	07:13:35	4053.63	9.31	21.100	4.230	1.440	0.870
04/03/92	07:13:36	4053.64	9.32	21.100	4.230	1.440	0.870
04/03/92	07:13:37	4053.66	9.34	21.100	4.230	1.440	0.870
04/03/92	07:13:38	4053.68	9.36	21.100	4.230	1.440	0.875
04/03/92	07:13:39	4053.70	9.38	21.100	4.230	1.440	0.870
04/03/92	07:13:40	4053.71	9.39	21.100	4.230	1.440	0.870
04/03/92	07:13:41	4053.73	9.41	21.100	4.230	1.440	0.875
04/03/92	07:13:42	4053.76	9.44	21.100	4.230	1.440	0.870
04/03/92	07:13:43	4053.77	9.45	21.100	4.200	1.440	0.875
04/03/92	07:13:44	4053.78	9.46	21.100	4.230	1.440	0.870
04/03/92	07:13:45	4053.80	9.48	21.100	4.200	1.440	0.870
04/03/92	07:13:46	4053.81	9.49	21.100	4.230	1.440	0.870
04/03/92	07:13:47	4053.83	9.51	21.100	4.230	1.410	0.870
04/03/92	07:13:48	4053.85	9.53	21.100	4.230	1.440	0.870
04/03/92	07:13:49	4053.86	9.54	21.100	4.230	1.440	0.870
04/03/92	07:13:51	4053.89	9.57	21.100	4.230	1.410	0.870
04/03/92	07:13:51	4053.90	9.58	21.100	4.200	1.440	0.870
04/03/92	07:13:52	4053.91	9.59	21.100	4.230	1.440	0.870
04/03/92	07:13:53	4053.93	9.61	21.100	4.230	1.440	0.870
04/03/92	07:13:54	4053.95	9.63	21.100	4.200	1.440	0.875
04/03/92	07:13:55	4053.96	9.64	21.100	4.230	1.440	0.870
04/03/92	07:13:56	4053.98	9.66	21.100	4.230	1.440	0.870
04/03/92	07:13:57	4054.00	9.68	21.100	4.230	1.440	0.870
04/03/92	07:13:58	4054.02	9.70	21.100	4.230	1.440	0.870
04/03/92	07:13:59	4054.03	9.71	21.100	4.230	1.440	0.870
04/03/92	07:14:00	4054.04	9.72	21.100	4.230	1.440	0.870
04/03/92	07:14:01	4054.06	9.74	21.100	4.230	1.440	0.870
04/03/92	07:14:02	4054.08	9.76	21.100	4.200	1.440	0.870
04/03/92	07:14:03	4054.10	9.78	21.100	4.230	1.440	0.870
04/03/92	07:14:04	4054.11	9.79	21.100	4.230	1.440	0.870
04/03/92	07:14:05	4054.13	9.81	21.100	4.230	1.440	0.875
04/03/92	07:14:07	4054.16	9.84	21.100	4.230	1.410	0.870
04/03/92	07:14:07	4054.17	9.85	21.100	4.230	1.440	0.870
04/03/92	07:14:08	4054.18	9.86	21.100	4.230	1.410	0.870
04/03/92	07:14:09	4054.20	9.88	21.100	4.230	1.410	0.870
04/03/92	07:14:10	4054.21	9.89	21.100	4.230	1.440	0.870
04/03/92	07:14:11	4054.23	9.91	21.100	4.230	1.440	0.870
04/03/92	07:14:12	4054.25	9.93	21.100	4.230	1.440	0.865
04/03/92	07:14:13	4054.26	9.94	21.100	4.230	1.440	0.870
04/03/92	07:14:14	4054.29	9.97	21.100	4.230	1.440	0.870
04/03/92	07:14:15	4054.30	9.98	21.100	4.230	1.440	0.870
04/03/92	07:14:16	4054.31	9.99	21.100	4.230	1.440	0.870
04/03/92	07:14:17	4054.33	10.01	21.100	4.230	1.440	0.870
04/03/92	07:14:27	4054.50	10.18	21.100	4.230	1.440	0.875
04/03/92	07:14:37	4054.66	10.34	21.100	4.230	1.440	0.875
04/03/92	07:14:47	4054.83	10.51	21.100	4.230	1.440	0.870
04/03/92	07:14:57	4055.00	10.68	21.200	4.230	1.410	0.870

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:15:07	4055.16	10.84	21.200	4.230	1.440	0.870
04/03/92	07:15:17	4055.33	11.01	21.200	4.230	1.440	0.870
04/03/92	07:15:27	4055.50	11.18	21.100	4.230	1.440	0.870
04/03/92	07:15:37	4055.66	11.34	21.200	4.230	1.440	0.875
04/03/92	07:15:47	4055.83	11.51	21.200	4.230	1.440	0.870
04/03/92	07:15:57	4056.00	11.68	21.200	4.230	1.440	0.875
04/03/92	07:16:07	4056.16	11.84	21.100	4.230	1.440	0.875
04/03/92	07:16:17	4056.33	12.01	21.200	4.230	1.440	0.875
04/03/92	07:16:27	4056.50	12.18	21.200	4.230	1.440	0.875
04/03/92	07:16:37	4056.66	12.35	21.200	4.230	1.440	0.875
04/03/92	07:16:47	4056.83	12.51	21.200	4.230	1.410	0.880
04/03/92	07:16:57	4057.00	12.68	21.200	4.230	1.440	0.880
04/03/92	07:17:07	4057.16	12.84	21.200	4.230	1.440	0.880
04/03/92	07:17:17	4057.33	13.01	21.200	4.230	1.440	0.885
04/03/92	07:17:27	4057.50	13.18	21.200	4.200	1.440	0.885
04/03/92	07:17:37	4057.66	13.34	21.200	4.230	1.440	0.885
04/03/92	07:17:47	4057.83	13.51	21.200	4.230	1.410	0.890
04/03/92	07:17:57	4058.00	13.68	21.200	4.200	1.440	0.895
04/03/92	07:18:07	4058.16	13.84	21.200	4.230	1.440	0.895
04/03/92	07:18:17	4058.33	14.01	21.200	4.200	1.440	0.900
04/03/92	07:18:27	4058.50	14.18	21.200	4.230	1.440	0.900
04/03/92	07:18:37	4058.66	14.34	21.200	4.200	1.440	0.905
04/03/92	07:18:47	4058.83	14.51	21.200	4.230	1.440	0.905
04/03/92	07:18:57	4059.00	14.68	21.200	4.230	1.440	0.905
04/03/92	07:19:07	4059.16	14.84	21.300	4.230	1.440	0.910
04/03/92	07:19:17	4059.33	15.01	21.300	4.230	1.440	0.910
04/03/92	07:19:27	4059.50	15.18	21.300	4.230	1.440	0.910
04/03/92	07:19:37	4059.66	15.34	21.300	4.230	1.440	0.915
04/03/92	07:19:47	4059.83	15.51	21.300	4.230	1.440	0.915
04/03/92	07:19:57	4060.00	15.68	21.300	4.230	1.440	0.915
04/03/92	07:20:07	4060.16	15.84	21.300	4.230	1.440	0.920
04/03/92	07:20:17	4060.33	16.01	21.300	4.230	1.440	0.920
04/03/92	07:20:27	4060.50	16.18	21.300	4.230	1.440	0.920
04/03/92	07:20:37	4060.66	16.34	21.300	4.230	1.440	0.925
04/03/92	07:20:47	4060.83	16.51	21.300	4.230	1.440	0.925
04/03/92	07:20:57	4061.00	16.68	21.300	4.230	1.440	0.925
04/03/92	07:21:07	4061.16	16.84	21.300	4.230	1.440	0.925
04/03/92	07:21:17	4061.33	17.01	21.300	4.200	1.440	0.925
04/03/92	07:21:27	4061.50	17.18	21.300	4.230	1.410	0.930
04/03/92	07:21:37	4061.66	17.34	21.300	4.230	1.440	0.930
04/03/92	07:21:47	4061.83	17.51	21.300	4.230	1.440	0.930
04/03/92	07:21:57	4062.00	17.68	21.300	4.200	1.440	0.930
04/03/92	07:22:07	4062.16	17.84	21.300	4.230	1.440	0.925
04/03/92	07:22:17	4062.33	18.01	21.400	4.230	1.440	0.930
04/03/92	07:22:27	4062.49	18.18	21.400	4.230	1.440	0.930
04/03/92	07:22:37	4062.66	18.34	21.300	4.230	1.440	0.930
04/03/92	07:22:47	4062.83	18.51	21.400	4.230	1.440	0.930
04/03/92	07:22:57	4063.00	18.68	21.400	4.230	1.440	0.925
04/03/92	07:23:07	4063.16	18.85	21.400	4.230	1.440	0.925
04/03/92	07:23:17	4063.33	19.01	21.400	4.230	1.410	0.925
04/03/92	07:23:27	4063.50	19.18	21.400	4.230	1.440	0.925
04/03/92	07:23:37	4063.66	19.34	21.400	4.230	1.440	0.925
04/03/92	07:23:47	4063.83	19.51	21.400	4.230	1.440	0.920
04/03/92	07:23:57	4064.00	19.68	21.400	4.230	1.440	0.920
04/03/92	07:24:07	4064.16	19.84	21.400	4.230	1.440	0.920

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:24:17	4064.33	20.01	21.400	4.230	1.440	0.915
04/03/92	07:24:27	4064.50	20.18	21.400	4.230	1.410	0.915
04/03/92	07:24:37	4064.66	20.34	21.400	4.200	1.440	0.915
04/03/92	07:24:47	4064.83	20.51	21.400	4.230	1.440	0.910
04/03/92	07:24:57	4065.00	20.68	21.400	4.230	1.440	0.910
04/03/92	07:25:07	4065.16	20.84	21.400	4.230	1.440	0.910
04/03/92	07:25:17	4065.33	21.01	21.400	4.230	1.440	0.905
04/03/92	07:25:27	4065.50	21.18	21.400	4.230	1.440	0.905
04/03/92	07:25:37	4065.66	21.34	21.400	4.230	1.440	0.905
04/03/92	07:25:47	4065.83	21.51	21.400	4.230	1.440	0.900
04/03/92	07:25:57	4066.00	21.68	21.400	4.200	1.440	0.900
04/03/92	07:26:07	4066.16	21.84	21.400	4.230	1.440	0.900
04/03/92	07:26:17	4066.33	22.01	21.400	4.230	1.440	0.895
04/03/92	07:26:27	4066.50	22.18	21.400	4.230	1.440	0.895
04/03/92	07:26:37	4066.66	22.34	21.500	4.200	1.410	0.895
04/03/92	07:26:47	4066.83	22.51	21.400	4.230	1.410	0.890
04/03/92	07:26:57	4066.99	22.68	21.500	4.230	1.440	0.890
04/03/92	07:27:07	4067.16	22.84	21.500	4.230	1.440	0.885
04/03/92	07:27:17	4067.33	23.01	21.500	4.230	1.440	0.885
04/03/92	07:27:27	4067.50	23.18	21.500	4.200	1.440	0.880
04/03/92	07:27:37	4067.66	23.35	21.500	4.230	1.440	0.880
04/03/92	07:27:47	4067.83	23.51	21.500	4.230	1.440	0.880
04/03/92	07:27:57	4068.00	23.68	21.500	4.230	1.440	0.875
04/03/92	07:28:07	4068.16	23.84	21.500	4.230	1.440	0.875
04/03/92	07:28:17	4068.33	24.01	21.500	4.230	1.410	0.875
04/03/92	07:28:27	4068.50	24.18	21.500	4.230	1.410	0.875
04/03/92	07:28:37	4068.66	24.34	21.500	4.230	1.440	0.875
04/03/92	07:28:47	4068.83	24.51	21.500	4.200	1.440	0.870
04/03/92	07:28:57	4069.00	24.68	21.500	4.230	1.440	0.880
04/03/92	07:29:07	4069.16	24.84	21.500	4.230	1.440	0.875
04/03/92	07:29:17	4069.33	25.01	21.500	4.230	1.410	0.880
04/03/92	07:29:27	4069.50	25.18	21.500	4.230	1.440	0.880
04/03/92	07:29:37	4069.66	25.34	21.500	4.230	1.440	0.885
04/03/92	07:29:47	4069.83	25.51	21.500	4.200	1.410	0.885
04/03/92	07:29:57	4070.00	25.68	21.500	4.230	1.440	0.885
04/03/92	07:30:07	4070.16	25.85	21.500	4.230	1.440	0.890
04/03/92	07:30:17	4070.33	26.01	21.500	4.230	1.440	0.890
04/03/92	07:30:27	4070.50	26.18	21.500	4.230	1.410	0.890
04/03/92	07:30:37	4070.66	26.34	21.600	4.230	1.440	0.890
04/03/92	07:30:47	4070.83	26.51	21.500	4.230	1.440	0.895
04/03/92	07:30:57	4071.00	26.68	21.600	4.230	1.440	0.900
04/03/92	07:31:07	4071.16	26.84	21.600	4.230	1.410	0.905
04/03/92	07:31:17	4071.33	27.01	21.600	4.230	1.440	0.905
04/03/92	07:31:27	4071.50	27.18	21.500	4.230	1.440	0.905
04/03/92	07:31:37	4071.66	27.34	21.600	4.230	1.440	0.910
04/03/92	07:31:47	4071.83	27.51	21.600	4.230	1.440	0.915
04/03/92	07:31:57	4072.00	27.68	21.600	4.230	1.440	0.915
04/03/92	07:32:07	4072.16	27.85	21.600	4.230	1.440	0.920
04/03/92	07:32:17	4072.33	28.01	21.600	4.230	1.440	0.915
04/03/92	07:32:27	4072.50	28.18	21.600	4.230	1.410	0.920
04/03/92	07:32:37	4072.66	28.34	21.600	4.230	1.440	0.925
04/03/92	07:32:47	4072.83	28.51	21.600	4.230	1.410	0.930
04/03/92	07:32:57	4073.00	28.68	21.600	4.230	1.440	0.930
04/03/92	07:33:07	4073.16	28.84	21.600	4.230	1.440	0.935
04/03/92	07:33:17	4073.33	29.01	21.600	4.230	1.440	0.940

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:33:27	4073.50	29.18	21.600	4.230	1.440	0.940
04/03/92	07:33:37	4073.66	29.34	21.600	4.230	1.440	0.940
04/03/92	07:33:47	4073.83	29.51	21.600	4.230	1.440	0.945
04/03/92	07:33:57	4074.00	29.68	21.600	4.230	1.440	0.945
04/03/92	07:34:07	4074.16	29.84	21.600	4.230	1.440	0.945
04/03/92	07:34:17	4074.33	30.01	21.600	4.230	1.440	0.950
04/03/92	07:34:27	4074.50	30.18	21.600	4.230	1.440	0.950
04/03/92	07:34:37	4074.66	30.34	21.600	4.230	1.440	0.950
04/03/92	07:34:47	4074.83	30.51	21.600	4.230	1.440	0.950
04/03/92	07:34:57	4075.00	30.68	21.600	4.230	1.440	0.960
04/03/92	07:35:07	4075.16	30.84	21.600	4.230	1.440	0.950
04/03/92	07:35:17	4075.33	31.01	21.600	4.230	1.440	0.950
04/03/92	07:35:27	4075.50	31.18	21.700	4.230	1.440	0.950
04/03/92	07:35:37	4075.66	31.34	21.600	4.230	1.440	0.950
04/03/92	07:35:47	4075.83	31.51	21.600	4.230	1.440	0.950
04/03/92	07:35:57	4075.99	31.68	21.700	4.230	1.440	0.950
04/03/92	07:36:07	4076.16	31.84	21.700	4.230	1.440	0.950
04/03/92	07:36:17	4076.33	32.01	21.700	4.230	1.440	0.950
04/03/92	07:36:27	4076.50	32.18	21.600	4.230	1.440	0.950
04/03/92	07:36:37	4076.66	32.35	21.700	4.230	1.440	0.945
04/03/92	07:36:47	4076.83	32.51	21.700	4.230	1.410	0.945
04/03/92	07:36:57	4077.00	32.68	21.700	4.230	1.440	0.945
04/03/92	07:37:07	4077.16	32.84	21.700	4.230	1.440	0.945
04/03/92	07:37:17	4077.33	33.01	21.700	4.230	1.440	0.945
04/03/92	07:37:27	4077.50	33.18	21.700	4.230	1.440	0.945
04/03/92	07:37:37	4077.66	33.34	21.700	4.230	1.440	0.940
04/03/92	07:37:47	4077.83	33.51	21.700	4.230	1.440	0.940
04/03/92	07:37:57	4078.00	33.68	21.600	4.230	1.440	0.935
04/03/92	07:38:07	4078.16	33.84	21.700	4.230	1.440	0.935
04/03/92	07:38:17	4078.33	34.01	21.700	4.230	1.440	0.940
04/03/92	07:38:27	4078.50	34.18	21.700	4.230	1.440	0.935
04/03/92	07:38:37	4078.66	34.34	21.700	4.230	1.440	0.935
04/03/92	07:38:47	4078.83	34.51	21.700	4.230	1.440	0.935
04/03/92	07:38:57	4079.00	34.68	21.700	4.230	1.440	0.935
04/03/92	07:39:07	4079.16	34.85	21.700	4.230	1.440	0.930
04/03/92	07:39:17	4079.33	35.01	21.700	4.230	1.440	0.930
04/03/92	07:39:27	4079.50	35.18	21.700	4.230	1.410	0.930
04/03/92	07:39:37	4079.66	35.34	21.700	4.230	1.440	0.935
04/03/92	07:39:47	4079.83	35.51	21.800	4.230	1.440	0.925
04/03/92	07:39:57	4080.00	35.68	21.800	4.230	1.440	0.930
04/03/92	07:40:07	4080.16	35.84	21.700	4.230	1.440	0.930
04/03/92	07:40:17	4080.33	36.01	21.800	4.230	1.440	0.930
04/03/92	07:40:27	4080.49	36.18	21.800	4.230	1.440	0.930
04/03/92	07:40:37	4080.66	36.34	21.700	4.230	1.440	0.925
04/03/92	07:40:47	4080.83	36.51	21.800	4.230	1.440	0.925
04/03/92	07:40:57	4081.00	36.68	21.800	4.230	1.410	0.925
04/03/92	07:41:07	4081.16	36.84	21.800	4.230	1.440	0.920
04/03/92	07:41:17	4081.33	37.01	21.700	4.230	1.440	0.925
04/03/92	07:41:27	4081.50	37.18	21.800	4.230	1.440	0.915
04/03/92	07:41:37	4081.66	37.34	21.800	4.230	1.440	0.915
04/03/92	07:41:47	4081.83	37.51	21.800	4.230	1.440	0.920
04/03/92	07:41:57	4082.00	37.68	21.800	4.230	1.440	0.920
04/03/92	07:42:07	4082.16	37.84	21.800	4.230	1.440	0.920
04/03/92	07:42:17	4082.33	38.01	21.800	4.230	1.440	0.925
04/03/92	07:42:27	4082.50	38.18	21.800	4.230	1.440	0.925

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:42:37	4082.66	38.34	21.800	4.230	1.440	0.925
04/03/92	07:42:47	4082.83	38.51	21.800	4.230	1.440	0.930
04/03/92	07:42:57	4083.00	38.68	21.800	4.200	1.440	0.930
04/03/92	07:43:07	4083.16	38.84	21.800	4.230	1.440	0.925
04/03/92	07:43:17	4083.33	39.01	21.800	4.230	1.440	0.935
04/03/92	07:43:27	4083.50	39.18	21.800	4.230	1.440	0.935
04/03/92	07:43:37	4083.66	39.34	21.800	4.230	1.440	0.935
04/03/92	07:43:47	4083.83	39.51	21.800	4.230	1.440	0.940
04/03/92	07:43:57	4084.00	39.68	21.800	4.230	1.440	0.940
04/03/92	07:44:07	4084.16	39.84	21.800	4.230	1.440	0.945
04/03/92	07:44:17	4084.33	40.01	21.800	4.230	1.440	0.945
04/03/92	07:44:27	4084.50	40.18	21.800	4.230	1.440	0.950
04/03/92	07:44:37	4084.66	40.34	21.800	4.230	1.440	0.955
04/03/92	07:44:47	4084.83	40.51	21.800	4.230	1.440	0.955
04/03/92	07:44:57	4084.99	40.68	21.800	4.230	1.440	0.955
04/03/92	07:45:07	4085.16	40.84	21.800	4.230	1.440	0.960
04/03/92	07:45:17	4085.33	41.01	21.900	4.230	1.410	0.960
04/03/92	07:45:27	4085.50	41.18	21.800	4.230	1.440	0.965
04/03/92	07:45:37	4085.66	41.34	21.900	4.230	1.440	0.965
04/03/92	07:45:47	4085.83	41.51	21.900	4.230	1.440	0.970
04/03/92	07:45:57	4086.00	41.68	21.900	4.230	1.410	0.970
04/03/92	07:46:07	4086.16	41.84	21.900	4.230	1.440	0.975
04/03/92	07:46:17	4086.33	42.01	21.900	4.230	1.440	0.975
04/03/92	07:46:27	4086.50	42.18	21.900	4.230	1.440	0.975
04/03/92	07:46:37	4086.66	42.34	21.900	4.230	1.440	0.980
04/03/92	07:46:47	4086.83	42.51	21.900	4.230	1.410	0.980
04/03/92	07:46:57	4087.00	42.68	21.900	4.230	1.440	0.985
04/03/92	07:47:07	4087.16	42.84	21.900	4.230	1.440	0.985
04/03/92	07:47:17	4087.33	43.01	21.900	4.230	1.440	0.990
04/03/92	07:47:27	4087.50	43.18	21.900	4.230	1.440	0.990
04/03/92	07:47:37	4087.66	43.34	21.900	4.230	1.410	0.995
04/03/92	07:47:47	4087.83	43.51	21.900	4.200	1.440	1.000
04/03/92	07:47:57	4088.00	43.68	21.900	4.230	1.440	1.000
04/03/92	07:48:07	4088.16	43.85	21.900	4.230	1.440	1.000
04/03/92	07:48:17	4088.33	44.01	21.900	4.230	1.440	1.000
04/03/92	07:48:27	4088.50	44.18	21.900	4.230	1.440	1.000
04/03/92	07:48:37	4088.66	44.34	21.900	4.230	1.440	1.000
04/03/92	07:48:47	4088.83	44.51	21.900	4.230	1.440	1.000
04/03/92	07:48:57	4089.00	44.68	21.900	4.230	1.440	0.995
04/03/92	07:49:07	4089.16	44.84	21.900	4.230	1.440	1.000
04/03/92	07:49:17	4089.33	45.01	21.900	4.230	1.440	1.000
04/03/92	07:49:27	4089.49	45.18	21.900	4.230	1.440	0.995
04/03/92	07:49:37	4089.66	45.34	21.900	4.230	1.440	0.995
04/03/92	07:49:47	4089.83	45.51	21.900	4.230	1.440	1.000
04/03/92	07:49:57	4090.00	45.68	21.900	4.230	1.440	1.000
04/03/92	07:50:07	4090.16	45.85	21.900	4.230	1.440	0.995
04/03/92	07:50:17	4090.33	46.01	22.000	4.230	1.440	0.990
04/03/92	07:50:27	4090.50	46.18	22.000	4.230	1.440	0.990
04/03/92	07:50:37	4090.66	46.34	21.900	4.230	1.440	0.990
04/03/92	07:50:47	4090.83	46.51	22.000	4.230	1.440	0.990
04/03/92	07:50:57	4091.00	46.68	21.900	4.230	1.440	0.985
04/03/92	07:51:07	4091.16	46.84	22.000	4.230	1.440	0.985
04/03/92	07:51:17	4091.33	47.01	22.000	4.230	1.440	0.985
04/03/92	07:51:27	4091.50	47.18	22.000	4.230	1.440	0.985
04/03/92	07:51:37	4091.66	47.34	22.000	4.230	1.440	0.985

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	07:51:47	4091.83	47.51	22.000	4.230	1.440	0.980
04/03/92	07:51:57	4092.00	47.68	22.000	4.230	1.440	0.970
04/03/92	07:52:07	4092.16	47.84	22.000	4.230	1.440	0.970
04/03/92	07:52:17	4092.33	48.01	22.000	4.230	1.440	0.970
04/03/92	07:52:27	4092.50	48.18	22.000	4.230	1.440	0.970
04/03/92	07:52:37	4092.66	48.34	22.000	4.230	1.440	0.965
04/03/92	07:52:47	4092.83	48.51	22.000	4.230	1.440	0.970
04/03/92	07:52:57	4093.00	48.68	22.000	4.230	1.410	0.970
04/03/92	07:53:07	4093.16	48.84	22.000	4.230	1.440	0.970
04/03/92	07:53:17	4093.33	49.01	22.000	4.230	1.440	0.965
04/03/92	07:53:27	4093.50	49.18	22.000	4.230	1.410	0.960
04/03/92	07:53:37	4093.66	49.34	22.000	4.230	1.440	0.960
04/03/92	07:53:47	4093.83	49.51	22.000	4.230	1.440	0.960
04/03/92	07:53:57	4093.99	49.68	22.000	4.230	1.440	0.960
04/03/92	07:54:07	4094.16	49.84	22.000	4.230	1.410	0.960
04/03/92	07:54:17	4094.33	50.01	22.000	4.230	1.440	0.945
04/03/92	07:55:17	4095.33	51.01	22.000	4.230	1.410	0.955
04/03/92	07:56:17	4096.33	52.01	22.100	4.230	1.440	0.965
04/03/92	07:57:17	4097.33	53.01	22.100	4.230	1.440	0.980
04/03/92	07:58:17	4098.33	54.01	22.000	4.230	1.440	1.010
04/03/92	07:59:17	4099.33	55.01	22.100	4.230	1.440	1.030
04/03/92	08:00:17	4100.33	56.01	22.100	4.230	1.440	1.045
04/03/92	08:01:17	4101.33	57.01	22.100	4.230	1.440	1.060
04/03/92	08:02:17	4102.33	58.01	22.200	4.230	1.440	1.080
04/03/92	08:03:17	4103.33	59.01	22.200	4.230	1.440	1.080
04/03/92	08:04:17	4104.33	60.01	22.200	4.230	1.440	1.065
04/03/92	08:05:17	4105.33	61.01	22.200	4.230	1.440	1.060
04/03/92	08:06:17	4106.33	62.01	22.200	4.230	1.440	1.060
04/03/92	08:07:17	4107.33	63.01	22.200	4.230	1.440	1.055
04/03/92	08:08:17	4108.33	64.01	22.200	4.230	1.410	1.060
04/03/92	08:09:17	4109.33	65.01	22.300	4.230	1.440	1.060
04/03/92	08:10:17	4110.33	66.01	22.300	4.230	1.440	1.075
04/03/92	08:11:17	4111.33	67.01	22.400	4.230	1.440	1.080
04/03/92	08:12:17	4112.33	68.01	22.400	4.230	1.440	1.100
04/03/92	08:13:17	4113.33	69.01	22.400	4.230	1.440	1.105
04/03/92	08:14:17	4114.33	70.01	22.400	4.230	1.410	1.105
04/03/92	08:15:17	4115.33	71.01	22.400	4.230	1.440	1.100
04/03/92	08:16:17	4116.33	72.01	22.400	4.230	1.440	1.085
04/03/92	08:17:17	4117.33	73.01	22.500	4.230	1.440	1.065
04/03/92	08:18:17	4118.33	74.01	22.400	4.230	1.440	1.055
04/03/92	08:19:17	4119.33	75.01	22.500	4.230	1.410	1.045
04/03/92	08:20:17	4120.33	76.01	22.500	4.230	1.440	1.040
04/03/92	08:21:17	4121.33	77.01	22.500	4.230	1.440	1.035
04/03/92	08:22:17	4122.33	78.01	22.500	4.230	1.440	1.050
04/03/92	08:23:17	4123.33	79.01	22.600	4.230	1.440	1.065
04/03/92	08:24:17	4124.33	80.01	22.600	4.230	1.440	1.085
04/03/92	08:29:17	4129.33	85.01	22.700	4.260	1.440	1.140
04/03/92	08:34:17	4134.33	90.01	22.800	4.260	1.440	1.155
04/03/92	08:39:17	4139.33	95.01	22.900	4.260	1.440	1.185
04/03/92	08:44:17	4144.33	100.01	22.900	4.260	1.440	1.130
04/03/92	08:49:17	4149.33	105.01	23.000	4.260	1.440	1.155
04/03/92	08:54:17	4154.33	110.01	23.100	4.260	1.440	1.180
04/03/92	08:59:17	4159.33	115.01	23.200	4.260	1.440	1.225
04/03/92	09:04:17	4164.33	120.01	23.300	4.260	1.440	1.255
04/03/92	09:09:17	4169.33	125.01	23.400	4.260	1.440	1.200

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	09:14:17	4174.33	130.01	23.500	4.260	1.440	1.280
04/03/92	09:19:17	4179.33	135.01	23.600	4.260	1.440	1.285
04/03/92	09:24:17	4184.33	140.01	23.700	4.260	1.440	1.325
04/03/92	09:29:17	4189.33	145.01	23.700	4.260	1.440	1.315
04/03/92	09:34:17	4194.33	150.01	23.800	4.260	1.440	1.295
04/03/92	09:39:17	4199.33	155.01	23.900	4.290	1.470	1.365
04/03/92	09:44:17	4204.33	160.01	24.000	4.290	1.470	1.375
04/03/92	09:49:17	4209.33	165.01	24.100	4.290	1.440	1.415
04/03/92	09:54:17	4214.33	170.01	24.200	4.290	1.440	1.405
04/03/92	09:59:17	4219.33	175.01	24.300	4.290	1.470	1.410
04/03/92	10:04:17	4224.33	180.01	24.400	4.290	1.470	1.435
04/03/92	10:09:17	4229.33	185.01	24.500	4.290	1.470	1.460
04/03/92	10:14:17	4234.33	190.01	24.600	4.290	1.470	1.490
04/03/92	10:19:17	4239.33	195.01	24.600	4.290	1.440	1.490
04/03/92	10:24:17	4244.33	200.01	24.700	4.320	1.470	1.500
04/03/92	10:29:17	4249.33	205.01	24.800	4.320	1.470	1.535
04/03/92	10:34:17	4254.33	210.01	24.900	4.320	1.470	1.575
04/03/92	10:39:17	4259.33	215.01	24.900	4.320	1.470	1.585
04/03/92	10:44:17	4264.33	220.01	25.000	4.320	1.470	1.605
04/03/92	10:49:17	4269.33	225.01	25.100	4.320	1.470	1.610
04/03/92	10:54:17	4274.33	230.01	25.200	4.320	1.470	1.620
04/03/92	10:59:17	4279.33	235.01	25.300	4.320	1.500	1.600
04/03/92	11:04:17	4284.33	240.01	25.300	4.350	1.500	1.670
04/03/92	11:09:17	4289.33	245.01	25.400	4.350	1.470	1.690
04/03/92	11:14:17	4294.33	250.01	25.500	4.350	1.500	1.695
04/03/92	11:19:17	4299.33	255.01	25.600	4.350	1.500	1.675
04/03/92	11:24:17	4304.33	260.01	25.700	4.350	1.500	1.690
04/03/92	11:29:17	4309.33	265.01	25.700	4.350	1.500	1.735
04/03/92	11:34:17	4314.33	270.01	25.800	4.350	1.500	1.725
04/03/92	11:39:17	4319.33	275.01	25.900	4.350	1.500	1.740
04/03/92	11:44:17	4324.33	280.01	26.000	4.380	1.500	1.745
04/03/92	11:49:17	4329.33	285.01	26.100	4.380	1.500	1.785
04/03/92	11:54:17	4334.33	290.01	26.100	4.380	1.500	1.810
04/03/92	11:59:17	4339.33	295.01	26.200	4.380	1.500	1.805
04/03/92	12:04:17	4344.33	300.01	26.200	4.380	1.530	1.795
04/03/92	12:09:17	4349.33	305.01	26.300	4.380	1.530	1.780
04/03/92	12:14:17	4354.33	310.01	26.400	4.380	1.500	1.815
04/03/92	12:19:17	4359.33	315.01	26.500	4.380	1.500	1.815
04/03/92	12:24:17	4364.33	320.01	26.500	4.410	1.530	1.845
04/03/92	12:29:17	4369.33	325.01	26.600	4.410	1.530	1.885
04/03/92	12:34:17	4374.33	330.01	26.700	4.410	1.530	1.925
04/03/92	12:39:17	4379.33	335.01	26.800	4.410	1.530	1.895
04/03/92	12:44:17	4384.33	340.01	26.900	4.410	1.530	1.830
04/03/92	12:49:17	4389.33	345.01	26.900	4.410	1.530	1.815
04/03/92	12:54:17	4394.33	350.01	27.000	4.410	1.530	1.870
04/03/92	12:59:17	4399.33	355.01	27.100	4.410	1.530	1.925
04/03/92	13:04:17	4404.33	360.01	27.200	4.410	1.530	1.920
04/03/92	13:09:17	4409.33	365.01	27.200	4.410	1.530	1.880
04/03/92	13:14:17	4414.33	370.01	27.300	4.410	1.530	1.845
04/03/92	13:19:17	4419.33	375.01	27.400	4.410	1.530	1.875
04/03/92	13:24:17	4424.33	380.01	27.400	4.410	1.530	1.875
04/03/92	13:29:17	4429.33	385.01	27.500	4.410	1.530	1.860
04/03/92	13:34:17	4434.33	390.01	27.600	4.410	1.530	1.850
04/03/92	13:39:17	4439.33	395.01	27.700	4.410	1.530	1.860
04/03/92	13:44:17	4444.33	400.01	27.800	4.410	1.530	1.880

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	13:49:17	4449.33	405.01	27.800	4.410	1.530	1.850
04/03/92	13:54:17	4454.33	410.01	27.900	4.410	1.500	1.860
04/03/92	13:59:17	4459.33	415.01	28.000	4.410	1.530	1.845
04/03/92	14:04:17	4464.33	420.01	28.000	4.380	1.530	1.840
04/03/92	14:09:17	4469.33	425.01	28.200	4.410	1.530	1.795
04/03/92	14:14:17	4474.33	430.01	28.200	4.410	1.500	1.765
04/03/92	14:19:17	4479.33	435.01	28.300	4.410	1.530	1.770
04/03/92	14:24:17	4484.33	440.01	28.400	4.410	1.530	1.760
04/03/92	14:29:17	4489.33	445.01	28.500	4.410	1.530	1.745
04/03/92	14:34:17	4494.33	450.01	28.500	4.410	1.530	1.700
04/03/92	14:39:17	4499.33	455.01	28.600	4.410	1.530	1.695
04/03/92	14:44:17	4504.33	460.01	28.700	4.410	1.530	1.650
04/03/92	14:49:17	4509.33	465.01	28.800	4.410	1.530	1.645
04/03/92	14:54:17	4514.33	470.01	28.800	4.380	1.500	1.585
04/03/92	14:59:17	4519.33	475.01	28.900	4.380	1.530	1.585
04/03/92	15:04:17	4524.33	480.01	29.000	4.380	1.500	1.565
04/03/92	15:09:17	4529.33	485.01	29.100	4.380	1.500	1.550
04/03/92	15:14:17	4534.33	490.01	29.100	4.380	1.500	1.540
04/03/92	15:19:17	4539.33	495.01	29.200	4.380	1.500	1.460
04/03/92	15:24:17	4544.33	500.01	29.300	4.380	1.500	1.465
04/03/92	15:29:17	4549.33	505.01	29.400	4.350	1.500	1.410
04/03/92	15:34:17	4554.33	510.01	29.400	4.350	1.500	1.440
04/03/92	15:39:17	4559.33	515.01	29.500	4.350	1.500	1.415
04/03/92	15:44:17	4564.33	520.01	29.600	4.350	1.500	1.405
04/03/92	15:49:17	4569.33	525.01	29.700	4.350	1.500	1.390
04/03/92	15:54:17	4574.33	530.01	29.700	4.350	1.500	1.325
04/03/92	15:59:17	4579.33	535.01	29.800	4.320	1.500	1.325
04/03/92	16:04:17	4584.33	540.01	29.900	4.320	1.500	1.300
04/03/92	16:09:17	4589.33	545.01	30.000	4.320	1.500	1.295
04/03/92	16:14:17	4594.33	550.01	30.000	4.320	1.470	1.265
04/03/92	16:19:17	4599.33	555.01	30.100	4.320	1.470	1.220
04/03/92	16:24:17	4604.33	560.01	30.200	4.320	1.470	1.215
04/03/92	16:29:17	4609.33	565.01	30.200	4.320	1.470	1.205
04/03/92	16:34:17	4614.33	570.01	30.300	4.290	1.470	1.200
04/03/92	16:39:17	4619.33	575.01	30.400	4.290	1.470	1.165
04/03/92	16:44:17	4624.33	580.01	30.400	4.290	1.470	1.160
04/03/92	16:49:17	4629.33	585.01	30.500	4.290	1.470	1.110
04/03/92	16:54:17	4634.33	590.01	30.600	4.290	1.440	1.100
04/03/92	16:59:17	4639.33	595.01	30.700	4.290	1.440	1.040
04/03/92	17:04:17	4644.33	600.01	30.800	4.260	1.440	1.015
04/03/92	17:09:17	4649.33	605.01	30.800	4.260	1.440	1.025
04/03/92	17:14:17	4654.33	610.01	30.900	4.260	1.440	1.000
04/03/92	17:19:17	4659.33	615.01	31.000	4.260	1.440	0.990
04/03/92	17:24:17	4664.33	620.01	31.000	4.260	1.440	0.955
04/03/92	17:29:17	4669.33	625.01	31.100	4.230	1.440	0.945
04/03/92	17:34:17	4674.33	630.01	31.200	4.230	1.440	0.945
04/03/92	17:39:17	4679.33	635.01	31.300	4.230	1.410	0.905
04/03/92	17:44:17	4684.33	640.01	31.300	4.230	1.410	0.900
04/03/92	17:49:17	4689.33	645.01	31.400	4.230	1.410	0.885
04/03/92	17:54:17	4694.33	650.01	31.400	4.230	1.410	0.855
04/03/92	17:59:17	4699.33	655.01	31.500	4.230	1.410	0.860
04/03/92	18:04:17	4704.33	660.01	31.600	4.200	1.410	0.785
04/03/92	18:09:17	4709.33	665.01	31.700	4.200	1.410	0.785
04/03/92	18:14:17	4714.33	670.01	31.700	4.200	1.380	0.770
04/03/92	18:19:17	4719.33	675.01	31.800	4.200	1.410	0.730

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	18:24:17	4724.33	680.01	31.900	4.200	1.380	0.745
04/03/92	18:29:17	4729.33	685.01	32.000	4.200	1.380	0.710
04/03/92	18:34:17	4734.33	690.01	32.000	4.200	1.380	0.690
04/03/92	18:39:17	4739.33	695.01	32.100	4.170	1.380	0.715
04/03/92	18:44:17	4744.33	700.01	32.200	4.170	1.380	0.700
04/03/92	18:49:17	4749.33	705.01	32.300	4.170	1.380	0.700
04/03/92	18:54:17	4754.33	710.01	32.300	4.170	1.380	0.695
04/03/92	18:59:17	4759.33	715.01	32.400	4.170	1.380	0.675
04/03/92	19:04:17	4764.33	720.01	32.400	4.170	1.380	0.680
04/03/92	19:09:17	4769.33	725.01	32.500	4.170	1.380	0.655
04/03/92	19:14:17	4774.33	730.01	32.600	4.140	1.380	0.645
04/03/92	19:19:17	4779.33	735.01	32.700	4.170	1.380	0.640
04/03/92	19:24:17	4784.33	740.01	32.700	4.140	1.380	0.625
04/03/92	19:29:17	4789.33	745.01	32.800	4.170	1.380	0.650
04/03/92	19:34:17	4794.33	750.01	32.900	4.170	1.350	0.630
04/03/92	19:39:17	4799.33	755.01	32.900	4.140	1.380	0.600
04/03/92	19:44:17	4804.33	760.01	33.000	4.140	1.380	0.585
04/03/92	19:49:17	4809.33	765.01	33.100	4.140	1.380	0.585
04/03/92	19:54:17	4814.33	770.01	33.100	4.140	1.350	0.620
04/03/92	19:59:17	4819.33	775.01	33.200	4.140	1.350	0.655
04/03/92	20:04:17	4824.33	780.01	33.300	4.140	1.350	0.650
04/03/92	20:09:17	4829.33	785.01	33.300	4.140	1.380	0.630
04/03/92	20:14:17	4834.33	790.01	33.400	4.140	1.350	0.615
04/03/92	20:19:17	4839.33	795.01	33.500	4.140	1.350	0.625
04/03/92	20:24:17	4844.33	800.01	33.600	4.140	1.350	0.680
04/03/92	20:29:17	4849.33	805.01	33.600	4.140	1.350	0.705
04/03/92	20:34:17	4854.33	810.01	33.700	4.170	1.380	0.715
04/03/92	20:39:17	4859.33	815.01	33.800	4.140	1.380	0.725
04/03/92	20:44:17	4864.33	820.01	33.800	4.140	1.380	0.690
04/03/92	20:49:17	4869.33	825.01	33.900	4.170	1.380	0.740
04/03/92	20:54:17	4874.33	830.01	33.900	4.170	1.380	0.780
04/03/92	20:59:17	4879.33	835.01	34.000	4.170	1.380	0.800
04/03/92	21:04:17	4884.33	840.01	34.100	4.170	1.380	0.850
04/03/92	21:09:17	4889.33	845.01	34.200	4.170	1.380	0.845
04/03/92	21:14:17	4894.33	850.01	34.200	4.170	1.380	0.840
04/03/92	21:19:17	4899.33	855.01	34.300	4.170	1.380	0.870
04/03/92	21:24:17	4904.33	860.01	34.400	4.170	1.380	0.845
04/03/92	21:29:17	4909.33	865.01	34.400	4.170	1.380	0.900
04/03/92	21:34:17	4914.33	870.01	34.500	4.170	1.380	0.935
04/03/92	21:39:17	4919.33	875.01	34.600	4.200	1.380	0.950
04/03/92	21:44:17	4924.33	880.01	34.600	4.170	1.380	0.995
04/03/92	21:49:17	4929.33	885.01	34.700	4.170	1.380	1.000
04/03/92	21:54:17	4934.33	890.01	34.800	4.200	1.380	1.080
04/03/92	21:59:17	4939.33	895.01	34.900	4.200	1.380	1.090
04/03/92	22:04:17	4944.33	900.01	34.900	4.200	1.410	1.085
04/03/92	22:09:17	4949.33	905.01	35.000	4.200	1.380	1.075
04/03/92	22:14:17	4954.33	910.01	35.100	4.200	1.380	1.055
04/03/92	22:19:17	4959.33	915.01	35.100	4.200	1.410	1.125
04/03/92	22:24:17	4964.33	920.01	35.200	4.200	1.410	1.150
04/03/92	22:29:17	4969.33	925.01	35.200	4.200	1.410	1.180
04/03/92	22:34:17	4974.33	930.01	35.300	4.230	1.380	1.200
04/03/92	22:39:17	4979.33	935.01	35.400	4.230	1.410	1.205
04/03/92	22:44:17	4984.33	940.01	35.400	4.230	1.410	1.250
04/03/92	22:49:17	4989.33	945.01	35.500	4.230	1.410	1.250
04/03/92	22:54:17	4994.33	950.01	35.600	4.230	1.410	1.290

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/03/92	22:59:17	4999.33	955.01	35.600	4.230	1.410	1.290
04/03/92	23:04:17	5004.33	960.01	35.700	4.230	1.410	1.325
04/03/92	23:09:17	5009.33	965.01	35.800	4.260	1.410	1.350
04/03/92	23:14:17	5014.33	970.01	35.900	4.260	1.410	1.375
04/03/92	23:19:17	5019.33	975.01	35.900	4.260	1.440	1.405
04/03/92	23:24:17	5024.33	980.01	36.000	4.260	1.440	1.405
04/03/92	23:29:17	5029.33	985.01	36.100	4.260	1.440	1.435
04/03/92	23:34:17	5034.33	990.01	36.100	4.290	1.440	1.435
04/03/92	23:39:17	5039.33	995.01	36.200	4.290	1.440	1.465
04/03/92	23:44:17	5044.33	1000.01	36.300	4.290	1.440	1.475
04/03/92	23:49:17	5049.33	1005.01	36.300	4.290	1.470	1.515
04/03/92	23:54:17	5054.33	1010.01	36.400	4.320	1.440	1.565
04/03/92	23:59:17	5059.33	1015.01	36.500	4.290	1.470	1.570
04/04/92	00:04:17	5064.33	1020.01	36.600	4.320	1.470	1.585
04/04/92	00:09:17	5069.33	1025.01	36.600	4.320	1.470	1.565
04/04/92	00:14:17	5074.33	1030.01	36.700	4.320	1.470	1.600
04/04/92	00:19:17	5079.33	1035.01	36.800	4.320	1.470	1.640
04/04/92	00:24:17	5084.33	1040.01	36.900	4.320	1.470	1.660
04/04/92	00:29:17	5089.33	1045.01	36.900	4.320	1.470	1.680
04/04/92	00:34:17	5094.33	1050.01	37.000	4.350	1.470	1.670
04/04/92	00:39:17	5099.33	1055.01	37.100	4.320	1.470	1.690
04/04/92	00:44:17	5104.33	1060.01	37.100	4.350	1.470	1.710
04/04/92	00:49:17	5109.33	1065.01	37.200	4.350	1.500	1.730
04/04/92	00:54:17	5114.33	1070.01	37.300	4.350	1.500	1.745
04/04/92	00:59:17	5119.33	1075.01	37.300	4.350	1.500	1.740
04/04/92	01:04:17	5124.33	1080.01	37.400	4.380	1.470	1.760
04/04/92	01:09:17	5129.33	1085.01	37.500	4.380	1.500	1.755
04/04/92	01:14:17	5134.33	1090.01	37.500	4.380	1.500	1.780
04/04/92	01:19:17	5139.33	1095.01	37.600	4.380	1.500	1.800
04/04/92	01:24:17	5144.33	1100.01	37.700	4.380	1.500	1.825
04/04/92	01:29:17	5149.33	1105.01	37.700	4.380	1.500	1.840
04/04/92	01:34:17	5154.33	1110.01	37.800	4.380	1.500	1.830
04/04/92	01:39:17	5159.33	1115.01	37.900	4.380	1.500	1.855
04/04/92	01:44:17	5164.33	1120.01	37.900	4.380	1.500	1.835
04/04/92	01:49:17	5169.33	1125.01	38.000	4.410	1.500	1.835
04/04/92	01:54:17	5174.33	1130.01	38.100	4.410	1.530	1.800
04/04/92	01:59:17	5179.33	1135.01	38.100	4.410	1.530	1.855
04/04/92	02:04:17	5184.33	1140.01	38.200	4.410	1.530	1.850
04/04/92	02:09:17	5189.33	1145.01	38.300	4.410	1.530	1.845
04/04/92	02:14:17	5194.33	1150.01	38.300	4.410	1.500	1.800
04/04/92	02:19:17	5199.33	1155.01	38.400	4.410	1.530	1.800
04/04/92	02:24:17	5204.33	1160.01	38.500	4.410	1.530	1.820
04/04/92	02:29:17	5209.33	1165.01	38.500	4.410	1.530	1.795
04/04/92	02:34:17	5214.33	1170.01	38.600	4.410	1.530	1.795
04/04/92	02:39:17	5219.33	1175.01	38.700	4.410	1.530	1.775
04/04/92	02:44:17	5224.33	1180.01	38.700	4.410	1.500	1.780
04/04/92	02:49:17	5229.33	1185.01	38.800	4.410	1.530	1.765
04/04/92	02:54:17	5234.33	1190.01	38.800	4.410	1.530	1.745
04/04/92	02:59:17	5239.33	1195.01	38.900	4.410	1.530	1.755
04/04/92	03:04:17	5244.33	1200.01	38.900	4.410	1.500	1.730
04/04/92	03:09:17	5249.33	1205.01	39.000	4.410	1.500	1.720
04/04/92	03:14:17	5254.33	1210.01	39.000	4.380	1.500	1.685
04/04/92	03:19:17	5259.33	1215.01	39.100	4.410	1.530	1.700
04/04/92	03:24:17	5264.33	1220.01	39.200	4.380	1.500	1.665
04/04/92	03:29:17	5269.33	1225.01	39.300	4.380	1.500	1.650

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/04/92	03:34:17	5274.33	1230.01	39.300	4.380	1.500	1.610
04/04/92	03:39:17	5279.33	1235.01	39.400	4.380	1.500	1.615
04/04/92	03:44:17	5284.33	1240.01	39.400	4.380	1.500	1.605
04/04/92	03:49:17	5289.33	1245.01	39.500	4.380	1.500	1.595
04/04/92	03:54:17	5294.33	1250.01	39.600	4.380	1.500	1.570
04/04/92	03:59:17	5299.33	1255.01	39.700	4.380	1.500	1.565
04/04/92	04:04:17	5304.33	1260.01	39.700	4.380	1.500	1.540
04/04/92	04:09:17	5309.33	1265.01	39.700	4.350	1.500	1.510
04/04/92	04:14:17	5314.33	1270.01	39.800	4.350	1.500	1.495
04/04/92	04:19:17	5319.33	1275.01	39.900	4.350	1.500	1.490
04/04/92	04:24:17	5324.33	1280.01	39.900	4.350	1.500	1.490
04/04/92	04:29:17	5329.33	1285.01	40.000	4.350	1.500	1.460
04/04/92	04:34:17	5334.33	1290.01	40.000	4.350	1.500	1.440
04/04/92	04:39:17	5339.33	1295.01	40.100	4.350	1.470	1.410
04/04/92	04:44:17	5344.33	1300.01	40.200	4.350	1.470	1.405
04/04/92	04:49:17	5349.33	1305.01	40.200	4.350	1.470	1.400
04/04/92	04:54:17	5354.33	1310.01	40.300	4.320	1.470	1.390
04/04/92	04:59:17	5359.33	1315.01	40.300	4.320	1.470	1.360
04/04/92	05:04:17	5364.33	1320.01	40.400	4.320	1.470	1.325
04/04/92	05:09:17	5369.33	1325.01	40.400	4.320	1.470	1.315
04/04/92	05:14:17	5374.33	1330.01	40.500	4.320	1.470	1.315
04/04/92	05:19:17	5379.33	1335.01	40.600	4.320	1.470	1.305
04/04/92	05:24:17	5384.33	1340.01	40.600	4.320	1.470	1.295
04/04/92	05:29:17	5389.33	1345.01	40.600	4.320	1.470	1.250
04/04/92	05:34:17	5394.33	1350.01	40.700	4.290	1.470	1.240
04/04/92	05:39:17	5399.33	1355.01	40.800	4.290	1.470	1.225
04/04/92	05:44:17	5404.33	1360.01	40.800	4.290	1.440	1.230
04/04/92	05:49:17	5409.33	1365.01	40.900	4.290	1.440	1.200
04/04/92	05:54:17	5414.33	1370.01	40.900	4.290	1.440	1.190
04/04/92	05:59:17	5419.33	1375.01	41.000	4.290	1.410	1.180
04/04/92	06:04:17	5424.33	1380.01	41.000	4.260	1.440	1.170
04/04/92	06:09:17	5429.33	1385.01	41.100	4.260	1.440	1.170
04/04/92	06:14:17	5434.33	1390.01	41.100	4.260	1.440	1.110
04/04/92	06:19:17	5439.33	1395.01	41.200	4.230	1.410	1.105
04/04/92	06:24:17	5444.33	1400.01	41.200	4.260	1.440	1.105
04/04/92	06:29:17	5449.33	1405.01	41.300	4.260	1.410	1.115
04/04/92	06:34:17	5454.33	1410.01	41.300	4.260	1.410	1.115
04/04/92	06:39:17	5459.33	1415.01	41.400	4.230	1.410	1.050
04/04/92	06:44:17	5464.33	1420.01	41.400	4.230	1.410	1.035
04/04/92	06:49:17	5469.33	1425.01	41.500	4.230	1.410	1.030
04/04/92	06:54:17	5474.33	1430.01	41.600	4.230	1.410	1.050
04/04/92	06:59:17	5479.33	1435.01	41.600	4.230	1.410	1.055
04/04/92	07:04:17	5484.33	1440.01	41.700	4.230	1.410	1.010

RECOVERY

Date	Real Time	Total Elapsed Time (Min)	Recovery Elapsed Time	#1 IW-1 Annulus	#2 DMW-1 Upper	#3 DMW-1 Lower	#4 Canal Wt. Head psi
04/04/92	07:09:17	5489.33	1445.01	41.700	4.200	1.380	1.010
04/04/92	07:14:17	5494.33	1450.01	41.800	4.200	1.380	1.005
04/04/92	07:19:17	5499.33	1455.01	41.900	4.200	1.380	1.030
04/04/92	07:24:17	5504.33	1460.01	41.900	4.200	1.380	1.045

Terra8 Data Collection Report

Firmware Version	6.1/87
Number of Bytes in Data Dump:	45416
User Supplied Comment:	H89314.IT
Time Header Block Loaded:	1992/03/31 11:39:58.00
Time Data File Dumped:	1992/04/04 07:34:59.40
Remaining Memory:	20120
Number of Logs:	2810
Type of Data Memory:	Memory Board
Logs/Timestamp:	1

Power was OK During Data Collection Period

BACKGROUND DATA

MARCO ISLAND IW-1
INJECTION TEST
PRESSURE DATA

Injection Line	IW-1 Annulus PSI	DMW-1 Upper Zone PSI	DMW-1 Lower Zone PSI	Barometer (INCHES)	Canal w.l. (FT. BMP)	Real Time (HRS.)	Elapsed Time (MINS.)	
[illegible]	76	4.3	1.2			1140	0	BEGIN BACKGROUND 3-31-
APPLICABLE	76	4.2	1.2			1240	60	
	76	4.2	1.2			1340	120	
	76	4.1	1.2			1440	180	
	76	4.1	1.2			1540	240	
	76	4.1	1.2			1640	300	
	76	4.1	1.2	29.5	5.96	1740	360	12 HR
	76	4.1	1.2			1840	420	
	76	4.4	1.2			1940	480	
	76	4.4	1.2	29.8	4.47	2040	540	
	77	5.0	1.2			2140	600	
	77	5.0	1.2	29.9	3.76	2240	660	
	77	5.0	1.2			2340	720	3-31-
	77	5.1	1.2	29.9	3.55	0040	780	4-1-9
	77	5.1	1.2			0140	840	
	76	5.1	1.2	30.0	4.28	0240	900	
	76	5.1	1.2			0340	960	
	76	5.1	1.2	30.0	5.24	0440	1020	
	76	5.1	1.2			0540	1080	
	76	5.1	1.2	30.5	5.01	0640	1140	
	75	5.1	1.2	30.5	5.74	0740	1200	
	[illegible]	5.1	1.1			0840	1260	
	[illegible]	4.9	1.1	[illegible]	4.78	0940	1320	
	[illegible]	4.8	1.2			1040	1380	
	76	4.8	1.2			1140	1440	24 HR
	75	4.8	1.2	30.5	4.64	1240	1500	
	75	4	1.2			1340	1560	
	75	4.1	1.2	30.[illegible]	1.0	1440	1620	
	[illegible]	4.2	1.2			1540	1680	
	[illegible]	4.1	1.2	[illegible]	[illegible]	1640	1740	
	[illegible]	4.1	1.2			1740	1800	
	[illegible]	5.0	1.2			1840	1860	
	[illegible]	5.0	1.2	30.0	3.47	1940	1920	
	75	5.0	1.4			2040	1980	
	75	5.0	1.4	30.0	4.36	2140	2040	
	75	5.0	1.3+			2240	2100	
	75	5.0	1.3+	30.0	3.37	2340	2160	4-1-9
	75	5.0	1.3+			0040	2220	4-2-9
	75	5.0	1.3+	30.0	3.32	0140	2280	
	75	5.0	1.3+			0240	2340	
	75	5.0	1.3+	30.0	4.26	0340	2400	
	75	5.0	1.3+			0440	2460	18 HR
						[illegible]		

MARCO ISLAND IW-1
INJECTION TEST
PRESSURE DATA

ection Line	IW-1 Annulus	DMW-1 Upper Zone	DMW-1 Lower Zone	Barometer	Canal w.l.	Real Time	Elapsed Time	
	15	5.0	1.3 r	30.0	5.29	0540	2520 MIN	4-2-92
	15	5.0	1.3 r	30.0	5.42	0640	2580 MIN	8 HRS
						0700	2600 MIN	
								END BACK-GROUND

BACKGROUND DATA COLLECTION ENDED AT 0700 HOURS 4-2-92 AFTER 2600 MINS. (43.33 HOURS) OF COLLECTION.

TOTALIZER APPROX. START:
4116,066
EMD CC4678

INJECTION

MARCO ISLAND IW-1
INJECTION TEST
PRESSURE DATA

Injection Line	IW-1 Annulus	DMW-1 Upper Zone	DMW-1 Lower Zone	Barom./Flow meter	Canal w.l.(FT) (BMP)	Real Time	Elapsed Time
39		5.0	1.3	30 /3550		0700	2600
		5.0	1.3			01	
		5.0	1.3			02	
		5.0	1.3	4000		03	
39	72	5.0	1.3			04	
		5.0	1.3	3800		05	
25	50	5.0	1.3			06	
12	24	5.0	1.3			07	
		5.0	1.3			08	
		5.0	1.3			09	
9	20	5.0	1.3	3900		10	2610
		5.0	1.3			11	
		5.0	1.3			12	
		5.0	1.3			13	
4	20	5.0	1.3			14	
4	20	5.0	1.3	4100		15	
4	20	5.0	1.3			16	
4	20	5.0	1.3			17	
4	20	5.0	1.3			18	
4	21	5.0	1.3			19	
4	21	5.0	1.3	4000		20	2620
3	15	5.0	1.3	4100		21	
3	14	5.0	1.3	4100		22	
4	12	5.0	1.3			23	
4	12	5.0	1.3	4000		24	2640
4	4	50	1.3			25	
5	5	5.0	1.3	4000		26	
4	5	5.0	1.3			27	
4	5	5.0	1.3	30 /4000		0900	2660
4	5	5.0	1.2	4000		29	2690
5.0	4.0	5.0	1.2	30 /4,000		0900	2720
5.0	25 *	5.0	1.2	4,000		0930	
5.0	25	5.0	1.2	30 /4000	4.19	1000	2780
5	25	4.8	1.2	30/ 4,000	3.88	1100	2840
5	25	4.2	1.2	4,000		1200	2900
5	25	4.1	1.2	4,000		1300	2960
5	25	4.0	1.2	29 / 4,100	4.15	1400	3020
5	27	4.0	1.2	4,000		1500	3080
5	27	4.0	1.2	29/ 4,000	5.14	1600	3140
5	28	4.2	1.2	29 / 4,000	5.78	1700	3200

* PRESSURED UP TO 25 PSI TO CHECK FOR LEAKS (TO VERIFY PRESSURE DROPWAS DUE TO TEMP. DECREASE)

→ TOTALIZER CC4302

INJECTION / RECOVERY

MARCO ISLAND IW-1
INJECTION TEST
PRESSURE DATA

ection Line	IW-1 Annulus	DMW-1 Upper Zone	DMW-1 Lower Zone	Barom./Flow meter	Canal w.l.	Real Time	Elapsed Time
5	28	4.2	1.2	29 /4,000	6.1	1800	3260
5	29	4.5	1.2	29 /4,000	6.07	1900	3320
5	29	4.5	1.2	29 /4,000	6.04	2000	3380
5	29	5	1.2	29/4,000	5.12	2100	3440
6	27	5	1.3	30/4,000	4.60	2200	3500
6	25	5	1.3	30/4,000	4.23	2300	3560
6	25	5	1.3	30/4,000	3.66	0000	3620
6	24	5	1.4	30/4,000	3.33	0100	3680
6	23	5	1.4	30/4,000	3.51	0200	3740
6	23	5.5	1.4	29.5/4,000	4.19	0300	3800
6	23	5.2	1.4	29.5/4,000	4.52	0400	3860
6	21	5.3	1.3	29.5/4,000	5.07	0500	3920
6	21	5.3	1.3	29.5/4,000	5.44	0600	3980
6	21	5.3	1.3	SHUT OFF PUMP	5.32	0700	4040
0	21	5.3	1.3			0701	
0	21	5.3	1.3			0702	
	21	5.3	1.3			0703	
0	21	5.3	1.3			0704	
	21	5.3	1.3			0705	
0	21	5.3	1.3			0706	
	21	5.3	1.3			0707	
0	21	5.3	1.3			0708	
	21	5.3	1.2			0709	
0	21	5.3	1.2			0710	4050
	21	5.3	1.2			0711	
	21	5.3	1.2			0712	
	21	5.3	1.2			0713	
	21	5.3	1.2			0714	
	21	5.3	1.2			0715	
						0716	
						0717	
						0718	
						0719	
	21	5.3	1.2			0720	4060
						0725	
	21	5.3	1.2			0730	4070
						0735	
	21	5.3	1.2		5	0740	
						0745	
	21	5.3	1.2	30/ —		0750	4090

RECOVERY

MARCO ISLAND IW-1
INJECTION TEST
PRESSURE DATA

Injection Line	IW-1 Annulus	DMW-1 Upper Zone	DMW-1 Lower Zone	Barom./Flow meter	Canal w.l. FT (BMP)	Real Time	Elapsed Time
	21	~~5.2~~	1.2			0755	
						0800	4100
						0810	
	21	5.3	1.2	30 / —	5.23	0830	
	22	5.3	1.2			0900	4160
	23	5.3	1.2	30 / —	4.58	1000	4220
~~2~~	20	5.3	1.2	30	3.98	1100	4280
~~2.9~~	25	5.2	1.2			1200	4340
~~3.4~~	26	5.2	1.2	30	3.42	1300	4400
	27	5.2	1.2	30	3.60	1400	4460
	29	5.2	1.2			1500	4520
	30	5.2	1.2	29.5	4.8	1600	4580
	30	5.2	1.2	29.5		1700	4640
	30.5	5.2	1.2	29.5	5.98	1800	4700
	31	5.2	1.2			1900	4760
	33	5.2	1.2	29.5	5.13	2000	4820
	33	5.2	1.2	29.5	5.66	2100	4880
	35	~~5.2~~	1.2	29.5		2200	4940
	36	5.2	1.2	29.5		2300	5000
	36	5.2	1.2	29.5	4.06	0000	5060
	37	5.2	1.2	30.0	3.63	0100	5120
	38	5.2	1.2	30.0	3.47	0200	5180
	38	5.2	1.2	30.0	3.77	0300	5240
	38	5.2	1.2	30.0		0400	5300
	40	5.2	1.2	30.0	4.56	0500	5360
	41	5.2	1.2	30.0	4.92	0600	5420
	41	5.2	1.2	30.0		0700	5480

END RECOVERY

0700 HRS. 4-92

+ DATA COLLECTED BY:

DAMON MATSON +

SUZANNE SAHNARONI

Appendix D

Injection Well Pilot Hole Water Quality Data

Pad Perimeter Monitoring Well Water Quality Data

Final Injection Well & Monitoring Well Water Quality Analysis

ENVIROTECH OPERATING SERVICES
5500 HOUCHIN STREET
NAPLES, FLORIDA 33942
813/597-6059 936-6609 639-5325
FAX 813/597-7056

Alnay, Inc.
6615 Gant Street
Houston, TX 77066

Report #: 920410
Sampled by: P. Duncan
Date sampled: 1/20/92
Date received: 1/20/92
Date reported: 2/12/92

SAMPLE IDENTIFICATION: Marco Island Injection Well CO-2271

PRIMARY INORGANICS

PARAMETER	RESULT
ARSENIC	<0.005
BARIUM	<0.05
CADMIUM	0.099
CHROMIUM	<0.02
FLUORIDE	0.85
LEAD	<0.02
MERCURY	<0.0002
NITRATE-N	<0.05
SELENIUM	<0.05
SILVER	<0.013
SODIUM	11300

SECONDARY INORGANICS

PARAMETER	RESULT
CHLORIDE	21500
COLOR	50 C.U.
COPPER	<0.025
CORROSIVITY	0.2
SURFACTANTS	<0.10
IRON	7.24
MANGANESE	0.22
ODOR	NO DETECTABLE ODOR
pH (FIELD)	7.8 S.U.
SULFATE	3130
TOTAL DISSOLVED SOLIDS	38900
ZINC	0.33

MISC. PARAMETERS	RESULT
SPECIFIC GRAVITY	1.03 g/mL
WATER TEMPERATURE (FIELD)	27.4 ° c
PHOSPHORUS	<0.50
TURBIDITY	64 NTU
TOTAL HARDNESS	7020 mg $CaCO_3$/L
HYDROXIDE	0.0 mg $CaCO_3$/L
NON-CARBONATE HARDNESS	6910 mg $CaCO_3$/L
BICARBONATE	114 mg $CaCO_3$/L
TOTAL NITROGEN	<0.20
NITRITE-NITROGEN	<0.05
ORGANIC NITROGEN	<0.20
AMMONIA NITROGEN	<0.20
CONDUCTIVITY (FIELD)	42800 µMHOS
CALCIUM	721
MAGNESIUM	1270
CARBONATE	0.00 mg $CaCO_3$/L
POTASSIUM	571
CHLORIDE	21500

EPA 608	RESULT
4,4'-DDE	<5 µg/L
4,4'-DDT	<5 µg/L
4,4'-DDD	<5 µg/L
A-BHC	<5 µg/L
ALDRIN	<5 µg/L
B-BHC	<5 µg/L
CHLORDANE	<5 µg/L
D-BHC	<5 µg/L
DIELDRIN	<5 µg/L
ENDOSULFAN I	<5 µg/L
ENDOSULFAN II	<5 µg/L
ENDOSULFAN SULFATE	<5 µg/L
ENDRIN	<0.1 µg/L
ENDRIN ALDEHYDE	<5 µg/L
G-BHC	<5 µg/L
HEPTACHLOR	<5 µg/L
HEPTACHLOR EPOXIDE	<5 µg/L
PCB 1016	<5 µg/L
PCB 1221	<5 µg/L
PCB 1232	<5 µg/L
PCB 1242	<5 µg/L
PCB 1248	<5 µg/L
PCB 1254	<5 µg/L
TOXAPHENE	<5 µg/L

PRIMARY ORGANIC

PARAMETER	RESULT
ENDRIN	<0.1 µg/L
LINDANE	<0.2 µg/L
METHOXYCHLOR	<5 µg/L
TOXAPHENE	<5 µg/L
2,4-D	<0.5 µg/L
2,4,5-TP (SILVER)	<1.0 µg/L

EPA 624

BENZENE	<5 µg/L
BROMODICHLOROMETHANE	<5 µg/L
BROMOFORM	<5 µg/L
BROMOMETHANE	<5 µg/L
CARBON TETRACHLORIDE	<5 µg/L
CHLOROBENZENE	<5 µg/L
CHLOROETHANE	<5 µg/L
2-CHLOROETHYLVINYL ETHER	<5 µg/L
CHLOROFORM	<5 µg/L
CHLOROMETHANE	<5 µg/L
DIBROMOCHLOROMETHANE	<5 µg/L
1,2-DICHLOROBENZENE	<5 µg/L
1,3-DICHLOROBENZENE	<5 µg/L
1,4-DICHLOROBENZENE	<5 µg/L
1,1-DICHLOROETHANE	<5 µg/L
1,2-DICHLOROETHANE	<5 µg/L
1,1-DICHLOROETHENE	<5 µg/L
TRANS-A,2-DICHLOROETHENE	<5 µg/L
1,2-DICHLOROPROPANE	<5 µg/L
DIS-1,3-DICHLOROPROPENE	<5 µg/L
TRANS-A,3-DICHLOROPROPENE	<5 µg/L
ETHYLBENZENE	<5 µg/L
METHYLENE CHLORIDE	<5 µg/L
1,1,2,2-TETRACHLOROETHANE	<5 µg/L
TETERACHLOROETHENE	<5 µg/L
TOLUENE	<5 µg/L
1,1,1-TRICHLOROETHANE	<5 µg/L
1,1,2-TRICHLOROETHANE	<5 µg/L
TRICHLOROETHENE	<5 µg/L
TRICHLOROFLUOROMETHANE	<5 µg/L
VINYL CHLORIDE	<5 µg/L

B/N,A/E PESTICIDE

1,2,4-TRICHLOROBENZENE	<5 µg/L
1,2-DICHLOROBENZENE	<1 µg/L
1,3-DICHLOROBENZENE	<1 µg/L
1,4-DICHLOROBENZENE	<1 µg/L
2,4,6-TRICHLOROPHENOL	<5 µg/L
2,4-DICHLOROPHENOL	<5 µg/L
2,4-DIMETHYL PHENOL	<5 µg/L
2,4-DINITROPHENOL	<5 µg/L
2,4-DINITROTOLUENE	<5 µg/L
2,6-DINITROTOLUENE	<5 µg/L
2-CHLORONAPHTHALENE	<5 µg/L
2-CHLOROPHENOL	<5 µg/L
2-METHYL-4,6-DINITROPHENOL	<5 µg/L
2-NITROPHENOL	<5 µg/L
3,3'-DICHLOROBENZIDINE	<10 µg/L
4,4'-DDE	<5 µg/L
4,4'-DDT	<5 µg/L
4-4'DDD	<5 µg/L
4-BROMOPHENYLPHENYLETHER	<5 µg/L
4-CHLORO-3-METHYLPHENOL	<5 µg/L
4-CHLOROPHENLYPHENYLETHER	<5 µg/L
4-NITROPHENOL	<5 µg/L
A-BHC	<5 µg/L
ACENAPHTHENE	<5 µg/L
ACENAPHTHYLENE	<5 µg/L
ALDRIN	<5 µg/L
ANTHRACENE	<5 µg/L
B-BHC	<5 µg/L
BENZIDINE	<5 µg/L
BENZO(A)ANTHRACENE	<5 µg/L
BENZO(A)PYRENE	<5 µg/L
BENZO(B)FLUORANTHENE	<5 µg/L
BENZO(GHI)PERYLENE	<5 µg/L
BENZO(K)FLUORANTHENE	<5 µg/L
BIS(2-CHLOROETHOXY)METHANE	<5 µg/L
BIS(2-CHLOROETHYL)ETHER	<5 µg/L
BIS(2-CHLOROISOPROPYL)ETHER	<5 µg/L
BIS(2-ETHYLHEXYL)PHTHALATE	<5 µg/L
BUTYL BENZYL PHTHALATE	<5 µg/L
CHLORDANE	<5 µg/L
CHRYSENE	<5 µg/L
D-BHC	<5 µg/L
DI-N-BUTYL PHTHALATE	<5 µg/L
DI-N-OCTYL PHTHALATE	<5 µg/L
DIBENZO(A,H)ANTHRACENE	<5 µg/L
DIELDRIN	<5 µg/L
DIETHYL PHTHALATE	<5 µg/L
DIMETHYL PHTHALATE	<5 µg/L
ENDOSULFAN I	<5 µg/L
ENDOSULFAN II	<5 µg/L
ENDOSULFAN SULFATE	<5 µg/L

B/N, A/E, PESTIDIDES CONT'D

ENDRIN	<0.1 µg/L
ENDRIN ALDEHYDE	<5 µg/L
FLUORANTHENE	<5 µg/L
FLUORENE	<5 µg/L
G-BHC	<5 µg/L
HEPTACHLOR	<5 µg/L
HEPTACHLOR EPOXIDE	<5 µg/L
HEXACHLOROBENZENE	<5 µg/L
HEXACHLOROBUTADIENE	<5 µg/L
HEXACHLOROCYCLOPENTADIENE	<5 µg/L
HEXACHLOROETHANE	<5 µg/L
INDENO(1,2,3-CD)PYRENE	<5 µg/L
ISOPHORONE	<5 µg/L
N-NITROSODI-N-PROPYLAMINE	<5 µg/l
N-NITROSODIMETHYLAMINE	<5 µg/L
N-NITROSODIPHENYLAMINE	<5 µg/L
NAPHTHALENE	<5 µg/L
NITROBENZENE	<5 µg/L
PCB 1016	<5 µg/L
PCB 1221	<5 µg/L
PCB 1232	<5 µg/L
PCB 1242	<5 µg/L
PCB 1248	<5 µg/L
PCB 1254	<5 µg/L
PCB 1260	<5 µg/L
PENTACHLOROPHENOL	<5 µg/L
PHENANTHRENE	<5 µg/L
PHENOL	<5 µg/L
PYRENE	<5 µg/L
TOXAPHENE	<5 µg/L

Results express in MG/L unless otherwise designated. < = less than. The above analysis was performed according to Standard Methods for the Examinatin of Water & Wastewater, 16th edition or EPA approved methods. Our HRS Certification numbers are E85024 & 85197. Subcontractor certification number E83079.

APPROVED BY:

PHILIP E. DUNCAN
LABORATORY DIRECTOR

PED/mrc

ENVIROTECH OPERATING SERVICES
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NAPLES, FLORIDA 33942
813/597-6059 936-6609 639-5325
FAX 813/597-7056

Jim McGraft
600 Sand Tree Drive Suite 101
Lake Park, FL 33403

Report #: 921406-7
Sampled by: P. Duncan
Date sampled: 3/30/92
Date received: 3/30/92
Date reported: 4/27/92

SAMPLE IDENTIFICATION: Marco Island Injection Well CO-2272; Deep Monitoring Well (MW-1) & Shallow Monitoring Well (MW-2)

PRIMARY INORGANICS

PARAMETER	MW-1	MW-2
ARSENIC	<0.005	0.006
BARIUM	0.48	0.39
CADMIUM	0.100	0.087
CHROMIUM	<0.02	<0.02
FLUORIDE	1.10	0.84
LEAD	0.07	<0.02
MERCURY	<0.0002	<0.0002
NITRATE-N	<0.05	<0.05
SELENIUM	<0.05	<0.05
SILVER	<0.015	<0.015
SODIUM	36100	19600

.392 x 5000.00

77.92

SECONDARY INORGANICS

PARAMETER	MW-1	MW-2
CHLORIDE	19500	16550
COLOR	50 C.U.	60 C.U.
COPPER	<0.02	0.074
CORROSIVITY (scale forming)	+2.0	+2.3
IRON	1.89	2.14
MANGANESE	0.133	0.120
ODOR	<1 T.O.N.	1.1 T.O.N.
pH (FIELD)	8.5 S.U.	9.1 S.U.
SULFATE	2300	1880
TOTAL DISSOLVED SOLIDS	36400	30500
ZINC	0.600	0.076

B/N,A/E,PESTICIDE

1,2,4-TRICHLOROBENZENE	<5 µg/L	<5 µg/L
1,2-DICHLOROBENZENE	<1 µg/L	<1 µg/L
1,3-DICHLOROBENZENE	<1 µg/L	<1 µg/L
1,4-DICHLOROBENZENE	<1 µg/L	<1 µg/L
2,4,6-TRICHLOROPHENOL	<5 µg/L	<5 µg/L
2,4-DICHLOROPHENOL	<5 µg/L	<5 µg/L
2,4-DIMETHYL PHENOL	<5 µg/L	<5 µg/L
2,4-DINITROPHENOL	<5 µg/L	<5 µg/L
2,4-DINITROTOLUENE	<5 µg/L	<5 µg/L
2,6-DINITROTOLUENE	<5 µg/L	<5 µg/L
2-CHLORONAPHTHALENE	<5 µg/L	<5 µg/L
2-CHLOROPHENOL	<5 µg/L	<5 µg/L
2-METHYL-4,6-DINITROPHENOL	<5 µg/L	<5 µg/L
2-NITROPHENOL	<5 µg/L	<5 µg/L
3,3'-DICHLOROBENZIDINE	<10 µg/L	<10 µg/L
4,4'-DDE	<5 µg/L	<5 µg/L
4,4'-DDT	<5 µg/L	<5 µg/L
4-4'DDD	<5 µg/L	<5 µg/L
4-BROMOPHENYLPHENYLETHER	<5 µg/L	<5 µg/L
4-CHLORO-3-METHYLPHENOL	<5 µg/L	<5 µg/L
4-CHLOROPHENLYPHENYLETHER	<5 µg/L	<5 µg/L
4-NITROPHENOL	<5 µg/L	<5 µg/L
A-BHC	<5 µg/L	<5 µg/L
ACENAPHTHENE	<5 µg/L	<5 µg/L
ACENAPHTHYLENE	<5 µg/L	<5 µg/L
ALDRIN	<5 µg/L	<5 µg/L
ANTHRACENE	<5 µg/L	<5 µg/L
B-BHC	<5 µg/L	<5 µg/L
BENZIDINE	<5 µg/L	<5 µg/L
BENZO(A)ANTHRACENE	<5 µg/L	<5 µg/L
BENZO(A)PYRENE	<5 µg/L	<5 µg/L
BENZO(B)FLUORANTHENE	<5 µg/L	<5 µg/L
BENZO(GHI)PERYLENE	<5 µg/L	<5 µg/L
BENZO(K)FLUORANTHENE	<5 µg/L	<5 µg/L
BIS(2-CHLOROETHOXY)METHANE	<5 µg/L	<5 µg/L
BIS(2-CHLOROETHYL)ETHER	<5 µg/L	<5 µg/L
BIS(2-CHLOROISOPROPYL)ETHER	<5 µg/L	<5 µg/L
BIS(2-ETHYLHEXYL)PHTHALATE	<5 µg/L	<5 µg/L
BUTYL BENZYL PHTHALATE	<5 µg/L	<5 µg/L
CHLORDANE	<5 µg/L	<5 µg/L
CHRYSENE	<5 µg/L	<5 µg/L
D-BHC	<5 µg/L	<5 µg/L
DI-N-BUTYL PHTHALATE	<5 µg/L	<5 µg/L
DI-N-OCTYL PHTHALATE	<5 µg/L	<5 µg/L
DIBENZO(A,H)ANTHRACENE	<5 µg/L	<5 µg/L
DIELDRIN	<5 µg/L	<5 µg/L
DIETHYL PHTHALATE	<5 µg/L	<5 µg/L
DIMETHYL PHTHALATE	<5 µg/L	<5 µg/L
ENDOSULFAN I	<5 µg/L	<5 µg/L
ENDOSULFAN II	<5 µg/L	<5 µg/L

PCB 1232	<5 µg/L	<5 µg/L
PCB 1242	<5 µg/L	<5 µg/L
PCB 1248	<5 µg/L	<5 µg/L
PCB 1254	<5 µg/L	<5 µg/L
PCB 1260	<5 µg/L	<5 µg/L

PRIMARY ORGANIC

PARAMETER	MW-1	MW-2
ENDRIN	<0.1 µg/L	<0.1 µg/L
LINDANE	<0.2 µg/L	<0.2 µg/L
METHOXYCHLOR	<5 µg/L	<5 µg/L
TOXAPHENE	<5 µg/L	<5 µg/L
2,4-D	<0.5 µg/L	<0.5 µg/L
2,4,5-TP (SILVEX)	<1.0 µg/L	<1.0 µg/L
EPA 624		
BENZENE	<5 µg/L	<5 µg/L
BROMODICHLOROMETHANE	<5 µg/L	<5 µg/L
BROMOFORM	<5 µg/L	<5 µg/L
BROMOMETHANE	<5 µg/L	<5 µg/L
CARBON TETRACHLORIDE	<5 µg/L	<5 µg/L
CHLOROBENZENE	<5 µg/L	<5 µg/L
CHLOROETHANE	<5 µg/L	<5 µg/L
2-CHLOROETHYLVINYL ETHER	<5 µg/L	<5 µg/L
CHLOROFORM	<5 µg/L	<5 µg/L
CHLOROMETHANE	<5 µg/L	<5 µg/L
DIBROMOCHLOROMETHANE	<5 µg/L	<5 µg/L
1,2-DICHLOROBENZENE	<5 µg/L	<5 µg/L
1,3-DICHLOROBENZENE	<5 µg/L	<5 µg/L
1,4-DICHLOROBENZENE	<5 µg/L	<5 µg/L
1,1-DICHLOROETHANE	<5 µg/L	<5 µg/L
1,2-DICHLOROETHANE	<5 µg/L	<5 µg/L
1,1-DICHLOROETHENE	<5 µg/L	<5 µg/L
TRANS-1,2-DICHLOROETHENE	<5 µg/L	<5 µg/L
1,2-DICHLOROPROPANE	<5 µg/L	<5 µg/L
CIS-1,3-DICHLOROPROPENE	<5 µg/L	<5 µg/L
TRANS-1,3-DICHLOROPROPENE	<5 µg/L	<5 µg/L
ETHYLBENZENE	<5 µg/L	<5 µg/L
METHYLENE CHLORIDE	<5 µg/L	<5 µg/L
1,1,2,2-TETRACHLOROETHANE	<5 µg/L	<5 µg/L
TETRACHLOROETHENE	<5 µg/L	<5 µg/L
TOLUENE	<5 µg/L	<5 µg/L
1,1,1-TRICHLOROETHANE	<5 µg/L	<5 µg/L
1,1,2-TRICHLOROETHANE	<5 µg/L	<5 µg/L
TRICHLOROETHENE	<5 µg/L	<5 µg/L
TRICHLOROFLUOROMETHANE	<5 µg/L	<5 µg/L
VINYL CHLORIDE	<5 µg/L	<5 µg/L
TOTAL TRIHALOMETHANES	<5 µg/L	<5 µg/L

MISC. PARAMETERS	MW-1	MW-2
SPECIFIC GRAVITY	0.97 g/mL	0.98 g/mL
WATER TEMPERATURE (FIELD)	28.4 ° c	29.1 ° c
PHOSPHORUS	<0.10	<0.10
TURBIDITY	26 NTU	16 NTU
BICARBONATE (as $CaCO_3$)	125	95
TOTAL NITROGEN	4.10	0.58
TKN	4.10	0.58
ORGANIC NITROGEN	4.05	0.49
AMMONIA NITROGEN	0.05	0.09
CONDUCTIVITY (FIELD)	46000 µMHOS	40600 µMHOS
CALCIUM	641	481
MAGNESIUM	1100	875
ANTIMONY	<0.025	<0.05
POTASSIUM	484	338
TOTAL ALKALINITY (as $CaCO_3$)	125	95
HYDROGEN SULFIDE	<0.05	<0.05
FECAL COLIFORM	<1/100 mL	<1/100 mL
BOD_5	2	<1
COD	337	373
TSS	5.2	11.4
SOLUBLE ORTHOPHOSPHATE	<0.05	<0.05
DISSOLVED OXYGEN	4.5	4.2
ACIDITY (as $CaCO_3$)	140	55
RADIUM 226	7.4 pCi/L	19 pCi/L
RADIUM 228	2.3 pCi/L	1.2 pCi/L
GROSS ALPHA	<34 pCi/L	<33 pCi/L
GROSS BETA	311 pCi/L	312 pCi/L
TOTAL ORGANIC CARBON	2.8	3.8

EPA 608	MW-1	MW-2
4,4'-DDD	<5 µg/L	<5 µg/L
4,4'-DDE	<5 µg/L	<5 µg/L
4,4'-DDT	<5 µg/L	<5 µg/L
A-BHC	<5 µg/L	<5 µg/L
ALDRIN	<5 µg/L	<5 µg/L
B-BHC	<5 µg/L	<5 µg/L
CHLORDANE	<5 µg/L	<5 µg/L
D-BHC	<5 µg/L	<5 µg/L
DIELDRIN	<5 µg/L	<5 µg/L
ENDOSULFAN I	<5 µg/L	<5 µg/L
ENDOSULFAN II	<5 µg/L	<5 µg/L
ENDOSULFAN SULFATE	<5 µg/L	<5 µg/L
ENDRIN ALDEHYDE	<5 µg/L	<5 µg/L
G-BHC	<5 µg/L	<5 µg/L
HEPTACHLOR	<5 µg/L	<5 µg/L
HEPTACHLOR EPOXIDE	<5 µg/L	<5 µg/L
PCB 1016	<5 µg/L	<5 µg/L
PCB 1221	<5 µg/L	<5 µg/L

ENDOSULFAN SULFATE	<5 µg/L	<5 µg/L

B/N.A/E.PESTIDIDES CONT'D

ENDRIN	<0.1 µg/L	<0.1 µg/L
ENDRIN ALDEHYDE	<5 µg/L	<5 µg/L
FLUORANTHENE	<5 µg/L	<5 µg/L
FLUORENE	<5 µg/L	<5 µg/L
G-BHC	<5 µg/L	<5 µg/L
HEPTACHLOR	<5 µg/L	<5 µg/L
HEPTACHLOR EPOXIDE	<5 µg/L	<5 µg/L
HEXACHLOROBENZENE	<5 µg/L	<5 µg/L
HEXACHLOROBUTADIENE	<5 µg/L	<5 µg/L
HEXACHLOROCYCLOPENTADIENE	<5 µg/L	<5 µg/L
HEXACHLOROETHANE	<5 µg/L	<5 µg/L
INDENO(1,2,3-CD)PYRENE	<5 µg/L	<5 µg/L
ISOPHORONE	<5 µg/L	<5 µg/L
N-NITROSODI-N-PROPYLAMINE	<5 µg/L	<5 µg/L
N-NITROSODIMETHYLAMINE	<5 µg/L	<5 µg/L
N-NITROSODIPHENYLAMINE	<5 µg/L	<5 µg/L
NAPHTHALENE	<5 µg/L	<5 µg/L
NITROBENZENE	<5 µg/L	<5 µg/L
PCB 1016	<5 µg/L	<5 µg/L
PCB 1221	<5 µg/L	<5 µg/L
PCB 1232	<5 µg/L	<5 µg/L
PCB 1242	<5 µg/L	<5 µg/L
PCB 1248	<5 µg/L	<5 µg/L
PCB 1254	<5 µg/L	<5 µg/L
PCB 1260	<5 µg/L	<5 µg/L
PENTACHLOROPHENOL	<5 µg/L	<5 µg/L
PHENANTHRENE	<5 µg/L	<5 µg/L
PHENOL	<5 µg/L	<5 µg/L
PYRENE	<5 µg/L	<5 µg/L
TOXAPHENE	<5 µg/L	<5 µg/L

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APPROVED BY:

DAVID DEIROS
ANALYTICAL CHEMIST

DD/mrc

MARCO ISLAND IW-1

CHLORIDE DATA

DEPTH (FT BPL)	CHLORIDE (mg/l)
717	2520
745	1850
775	1700
806	2012
835	12,900
865	10,700
895	8,550
925	20,200
940	22,500
975	28,200
1005	23,000
1036	24,500
1068	24,500
1098	26,500
1130	24,400
1170	23,000
1191	25,000
1251	19,250
1282	23,250
1313	19,800
1340	19,500

MARCO ISLAND IW-1

CHLORIDE DATA

DEPTH (FT BPL)	CHLORIDE (mg/l)
1374	20,250
1406	21,000
1440	23,000
1470	18,500
1497	18,250
1527	16,250
1558	15,350
1589	15,250
1619	14,700
1680	14,050
1710	12,500
1740	12,000
1770	12,500
1800	13,350
1830	13,200
1860	14,250
1890	13,250
1925	14,500
1950	14,750

MARCO ISLAND IW-1

CHLORIDE DATA

DEPTH (FT BPL)	CHLORIDE (mg/l)
1989	15,250
2018	10,100
2048	10,750
2079	12,750
2109	13,000
2140	14,000
2171	14,250
2200	9,000
2231	10,000
2263	8,500
2305	11,500
2354	12,300
2380	12,460
2410	8,250
2446	11,250
2476	10,500
2507	10,800
2538	11,200
2568	11,500
2599	13,900

MARCO ISLAND IW-1

CHLORIDE DATA

DEPTH (FT BPL)	CHLORIDE (mg/l)
2660	10,550
2630	12,640
2691	11,790
2691	11,380
2721	11,980
2752	11,980
2783	13,020
2814	12,860
2844	12,620
2875	12,700
2906	10,960
2936	12,380
2967	13,060
2997	11,420
3028	11,380
3058	10,500
3089	13,960
3120	15,960
3150	17,080
3182	17,000
3212	16,540
3243	17,050

MARCO ISLAND IW-1

CHLORIDE DATA

DEPTH (FT BPL)	CHLORIDE (mg/l)
3273	17,200
3304	22,500
3335	23,850
3354	15,950

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, March 19, 1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.40	310	1460	24
2	3.01	265	1410	24
3	4.16	180	1290	23
4	3.51	230	1340	24

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, March 12, 1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.30	665	3120	24
2	2.92	225	1350	23
3	4.10	390	1900	24
4	3.44	105	780	24

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, March 5,1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.07	500	2290	22
2	2.72	400	1390	22
3	3.87	200	990	21
4	3.05	300	1700	22

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, February 27, 1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	3.52	516	1710	21
2	2.12	414	1430	21
3	3.55	176	700	20
4	2.96	148	610	20

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday,February 20,1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.26	340	1630	22
2	2.86	150	800	21
3	4.15	100	490	21
4	3.87	300	1190	22

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, February 13, 1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.06	210	1190	24
2	2.98	170	600	22
3	4.08	120	500	23
4	3.68	220	1200	23

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, January 30, 1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.21			
2	3.17	240	1100	24
3	4.35	70	600	24
4	3.76	1200	256	23

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, February 6, 1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.15	220	1050	23
2	3.09	165	990	23
3	4.20	80	650	23
4	3.57	150	900	23

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, January 30, 1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.21			
2	3.17	240	1100	24
3	4.35	70	600	24
4	3.76	1200	256	23

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, January 23, 1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.03	300	1470	22
2	3.15	220	1080	22
3	4.13	80	500	22
4	3.68	240	1120	22

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, January 16,1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.43	352	1700	21
2	3.18	175	1050	20.5
3	4.38	75	520	21
4	3.84	190	1100	21

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, January 9 ,1992

Well # o	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.23	228	1430	26
2	3.29	150	975	26
3	4.28	57	530	26.5
4	3.73	200	1080	26.5

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, January 2, 1992

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.18	235	1450	21
2	3.26	145	960	21
3	4.23	45	500	21
4	3.69	210	1100	21

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending December 19,1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.32	150	1100	25
2	2.81	110	860	25
3	4.35	60	600	25
4	3.74	135	1000	26

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending December 12, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.2	235	1600	26
2	2.6	184	1030	24
3	4.1	32.8	580	24.5
4	3.5	298	1250	24.5

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, December 5, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	4.23	60	1720	25
2	2.12	55	1090	23
3	4.09	20	610	25
4	3.65	70	1230	25

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending November 28, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	3.42	256	1470	26.5
2	2.56	101	760	26.0
3	3.15	58	540	27.0
4	2.89	215	1220	26.5

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending November 21, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	3.85	245	1500	28
2	2.85	105	800	28
3	3.68	60	550	27
4	3.14	225	1300	28

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending November 14, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	3.90	203.2	1440	26
2	2.95	125.2	850	26
3	3.62	52.0	560	26
4	3.40	175.6	1050	26

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending 10/31/91

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	2.9	220	1200	26
2	2.1	82	780	26
3	3.2	61	680	25.5
4	2.4	190	1180	25.5

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending October 24, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	2.92	250	1500	26.5
2	1.90	74	750	25.5
3	3.00	54	690	26
4	2.55	220	1200	26

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending 10/17/91

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	3.4	177.6	950	25
2	2.8	137.2	900	26
3	3.4	132.0	510	25
4	3.1	339.0	1400	26

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, October 10, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	2.85	420	197	27.9
2	2.08	140	93	27.2
3	2.99	120	75	27.6
4	2.58	320	148	28.3

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending October 03, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	1.93	135	1398	27.5
2	0.91	61	96	27.8
3	1.97	115	92	27.6
4	1.08	190	898	27.8

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, September 27, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	2.05	70	1800	28.4
2	1.90	40	940	27.8
3	2.10	78	610	27.5
4	1.05	110	1100	28.8

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending September 19, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	2.0	132	1420	27.8
2	0.94	56	72	28.1
3	2.21	112	88	27.7
4	1.10	189	892	28.0

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, September 12, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	2.02	130	168	27.8
2	0.82	44	62	28.1
3	2.29	108	85	27.9
4	1.16	214	108	28.4

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending 9/05/91

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	2.48	140	1410	27.7
2	1.45	68	710	28.1
3	2.54	160	900	28.1
4	1.80	140	940	28.9

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, August 22, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	3.52'	98	1084	27.3
2	2.72'	112	1111	26.7
3	3.55'	38	694	25.2
4	3.03'	103	1037	29.1

nitor Wells

mpling Results

sday, August 15, 1991

ide /L)	Conductivity (µmhos)	Temperature C°
	1427	27.7
	960	28.4
1	841	28.5
	1086	28.3

r Monitor Wells

y Sampling Results

rsday, August 8, 1991

ride /L)	Conductivity (µmhos)	Temperature C°
4	1384	27.6
4	919	28.4
6	722	28.7
8	1131	28.8

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending August 1,1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	2.65	102	1350	16.5
2	1.81	80	902	18.1
3	2.72	52	516	19.2
4	1.89	98	904	16.9

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending 25, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	2.79'	81.6	1420	28.2
2	1.77'	68.0	989	28.4
3	3.08'	35.1	581	28.2
4	1.80'	82.0	848	28.7

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, July 18, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	2.77	94	1438	27.9
2	1.33	70	1000	28.8
3	2.48	30	507	28.5
4	1.66	72	887	29.2

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday, July 11, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (µmhos)	Temperature C°
1	2.68	78	1,390	27.9
2	1.58	64	976	29.1
3	2.72	42	704	28.5
4	1.97	53	864	29.0

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending ~~Thursday~~ JUNE-27, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (micromhos)	Temperature C°
1	3.43'	60	1420	28.8
2	2.05'	64	1124	29.0
3	3.03'	28	759	30.7
4	2.43'	30	602	28.8

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending June 20, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (micromhos)	Temperature C
1	3.45'	75	1464	28.1
2	2.31'	81	1230	28.9
3	3.43'	27	778	28.4
4	2.37'	32	700	29.2

Perimeter Monitor Wells

Water Quality Sampling Results

Week Ending Thursday June 13, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (micromhos)	Temperature C
1	3.58	87	1,370	27.8
2	3.27	75	1,130	27.8
3	3.77	37	737	28.3
4	2.96	51	790	29.1

Perimeter Monitor Well
Water Quality Sampling Results
Week Ending June 6, 1991

Well #	Water Level (TOC)	Chlorides (mg/l)	Conductivity ( )	Temperature (C)
1	4.25	98	1,124	23.8
2	3.00	80	1,260	23.7
3	4.00	24	698	24.4
4	3.50	54	743	23.4

Perimeter Monitor Wells

Water Quality Sampling Results

For the week ending Thursday, MAY 30, 1991

Project: Marco Island, H89-314

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (micromhos)	Temperature C
1	4.35	61.0	1396	27.3
2	3.1	91.0	860	27.3
3	4.5	27.0	730	27.6
4	3.58	51.0	722	28.6

Perimeter Monitoring Well

Water Quality Sampling Results

For the week ending Thursday, MAY 23, 1991

Well #	Water Level (below TOC)	Chloride (mg/L)	Conductivity (micromhos)	Temperature C
1	3.3	48.8	1456	27.0
2	2.3	82.0	699	26.5
3	3.7	25.2	388	27.7
4	3.0	50.0	588	26.5

3:30 still raining

Appendix E

Casing Mill Certificates

Casing Pressure Test Data

L. B. FOSTER COMPANY
Route 1, Box 15
Washington, WV 26181

STANDARD CERTIFIED TEST REPORT
TUBULAR PRODUCTS

CUSTOMER

Name: Alsay Incorporated

Address: 2900 Industrial Ave. Two

City & State: Ft. Pierce, Florida 34946

Date: July 12, 1991

Customer's Order No.: 28204

LBF Invoice No.: 23H-051705

Material: FOSTERWELD

Grade: ASTM A139 Gr.B

Coil or Lot. No.	Size O.D.	Wt/Ft. or Wall Thick.	Min. Hydro. Test Pres. P.S.I.	MECHANICAL PROPERTIES			CHEMICAL ANALYSIS (%)				
				Yield Strength P.S.I. Point	Tensile Strength P.S.I.	Elong. in 2" %	C	Mn	P	S	Si
X85483	39"	.375	404	43,900	71,500	42.2	.24	.46	.009	.012	.010
X85484	39"	.375	404	42,900	72,300	40.3	.20	.40	.009	.020	.009

Representing
2 Pcs @ 50'

ALL MATERIALS USED IN THE MANUFACTURE OF THIS PIPE WERE MELTED AND ROLLED IN THE "USA".

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Donald E. Adams
Rt. 4, Box 371
Parkersburg, W. Va. 26101
My commission expires August 6, 1996

The undersigned, in behalf of The L. B. Foster Company, hereby certifies that the above materials have been inspected and tested in accordance with the methods prescribed in the applicable specifications and the results of such inspection and tests shown above. In determining properties or characteristics for which no methods of inspecting or testing are prescribed by said specifications, the standard mill inspection and testing practices of The L. B. Foster Company have been applied. Unless it appears otherwise in the results of such inspection and tests shown above, the undersigned agent of The L. B. Foster Company believes that said materials conform to said specifications.

Subscribed and sworn to before me
this 12 day of Jul 19 91

Donald E Adams
Notary Public

Robert E. Blankensop
Robert E. Blankensop, Office Manager

Agents' Name & Title

L.B. Foster Company, Washington, W.Va.

COMPANY

... No. – SW 4-69

TELEPHONE (416) 259-1113
FAX (416) 259-6981
TELEX 06-967775

CANADIAN PHOENIX STEEL PRODUCTS

DIVISION OF JAY-M HOLDINGS LTD.
260 HORNER AVENUE
TORONTO, ONTARIO, CANADA
M8Z 4Y4

LABORATORY REPORT AND MILL TEST CERTIFICATE

DATE MARCH 28/91 CUSTOMER BARTOW STEEL INC

SPECIFICATION A139 B ADDRESS BARTOW, FLORIDA 33830

O.D. & GAUGE 34" O.D. X .375 CUSTOMERS'S P.O. NO. 1456

HYDROTEST 620 P.S.I. FOR 2 MIN. CANADIAN PHOENIX REF. NO. 91-2681

PHYSICAL PROPERTIES

HEAT NO.	PIPE NO.	LONGITUDINAL TEST YIELD STRENGTH	LONGITUDINAL TEST TENSILE STRENGTH	ELONGATION % IN 2"	TRANSVERSE WELD TENSILE	BREAK LOCATION	REMARKS
177971	12	45200	68100	32.0	71700	PM	
173181	7	39700	65100	33.0	68500	PM	

CHEMICAL PROPERTIES

HEAT NO.	LADLE ANALYSIS C.	Mn	P	S		
177971	.24	.84	.008	.012		
173181	.23	.76	.008	.008		

WE HEREBY CERTIFY THAT THE ABOVE MATERIAL WAS TESTED IN ACCORDANCE WITH THE SPECIFICATION ORDERED

M. MacLennan

APPROVED BY

March 28/91

DATE

STANDARD CERTIFIED TEST REPORT

GEORGIA TUBULAR PRODUCTS, INC.

Customer Name: ALSAY, INC.
Address: 6615 GANT ST.
City, State, Zip: HOUSTON, TX. 77066

Date: 3-28-91
Customer Order No. A-27054
G.T.P. Invoice No.

Specification A-139 GR. B

Coil or Lot No.	Size O.D.	Wt./Ft. or Wall Thick.	Min. Hydro. Test Pres. P.S.I.	MECHANICAL PROPERTIES			CHEMICAL ANALYSIS (%)				
				Yield Strength P.S.I. Point	Tensile Strength P.S.I.	Elong In 2" %	C	Mn	P	S	Si
5B33474	24"	.375	660lbs	53,800	73,800	33.2	.19	.67	.019	.013	
5B33483	"	"	"	50,900	73,900	30.5	.20	.81	.008	.008	
5B31028	16"	"	990lbs	54,700	75,500	31.0	.19	.69	.011	.006	
5B31024	"	"	"	51,500	71,700	33.1	.17	.66	.014	.009	
5B31020	"	"	"	50,400	71,200	34.7	.16	.69	.010	.012	

The [illegible] certifies that the above materials have been inspected and tested in accordance with the methods prescribed in the [illegible] and the results of such inspection and tests shown above. In determining properties or characteristics for which no methods of [illegible] or testing are prescribed by said specifications, the standard mill inspection and testing practices of Georgia Tubular Products, Inc. have been applied, [illegible] otherwise in the results of such inspection and tests shown above. the undersigned believes that said materials conform to said specifications

[illegible] and sworn to before me
This [illegible] day of MARCH 19 91

H. [illegible]
MY COMMISSION EXPIRES FEB. 22, 1998 Notary Public

Marvin M. Hendrix
MARVIN M. HENDRIX
MANUFACTURING MANAGER Name & Title

Georgia Tubular Products, Inc.
P.O. Box 748 • 109 Dent Drive, Cartersville, GA 3012(
(404) 386-2553

TUBULAR PRODUCTS

METALLURGICAL TEST REPORT

JOB. CONTRACT NO.	P.O. DATE	PURCHASE ORDER NO.		
VENDOR: USS TUBULAR PRODUCTS		1442-1454		
	SHIPPERS NO.	MILL ORDER NO.	INVOICE NO.	
		DR10150		
	VEHICLE IDENTITY			06/01/91

THIS IS TO CERTIFY THAT THE PRODUCT DESCRIBED HEREIN WA[S] MFGD., SAMPLED, TESTED, AND OR INSPD. IN ACCORDANCE WIT[H] THE SPECIFICATION AND FUL- FILLS REQUIREMENTS IN SUCH RESPECTS.
APPROVED BY THE OFFICE OF: D.S. DABKOWSKI MGR. MET. & Q.A. USS TUBULAR PRODUCTS.

DATE C6/04/91

SOLD TO:
BARTON STEEL INC
P O BOX 1789
BARTON FL 33830

MAIL TO: 3
BARTON STEEL INC
P O BOX 1789
BARTOW FL 33830

ITEM NO.	SIZE	WALL	SPECIFICATION & GRADE	MATL.	HEAT/ LOT NO.	MIN. HYDRO PSI	YIELD STR. PSI	TENSILE STR. PSI	ELONG. % IN 2"	GAGE WIDTH IN.	FLAT
1	20 OD	.594	ASTMA5389AGRBASMESA53GRB89 ED&89ADDASTMA10689GRBASMESA106GRB89ED&89ADDAPI5LGRB38THED5/90	SMLS	L20700	1560	43800	72700	44.0	1 1/2	OK
1	20 OD	.594	ASTMA5389AGRBASMESA53GRB89 ED&89ADDASTMA10689GRBASMESA106GRB89ED&89ADDAPI5LGRB38THED5/90	SMLS	N26377	1560	43700	73300	44.0	1 1/2	OK

ITEM NO.	HEAT NO.	TYPE	C	MN	P	S	SI	CU	NI	CR	MO	SN	AL	N	V	B	TI	CB	CO	
1	L20700	HEAT	23	64	010	005	240	03	01	04	01				**					**LESS THAN .01
1	L20700	PROD	22	64	008	004	260													
1	N26377	HEAT	23	65	010	005	260	03	01	04	01				**					**LESS THAN .01
1	N26377	PROD	22	63	008	004	230													

END OF DATA THIS SHEET *** ALL MELTING AND MANUFACTURING TOOK PLACE IN THE USA.

WELL: CO-2272 (DMW-1)
PROJECT: H89-314

DATE: 9-13-91
CONDITIONS: PARTLY CLOUDY ~95°

PRESSURE TEST OF 16-INCH DIAM. CASING

ELAPSED TIME (MINS)	PRESSURE (PSI)	% CHANGE (+/-)
0	160.0	-
5	159.5	.31% (-)
10	159.0	.63% (-)
15	158.5	.94% (-)
20	158.0	1.25% (-)
25	158.0	1.25% (-)
30	157.5	1.56% (-)
35	157.0	1.88% (-)
40	156.5	2.19% (-)
45	156.0	2.50% (-)
50	156.0	2.50% (-)
55	155.5	2.81% (-)
60	155.0	3.13% (-)

TEST BEGAN: 1335 HRS.
TEST COMPLETE: 1435 HRS.

WITNESSED BY: _____
VINCE MELE - DER

_____
DAMON MATSON - MISSIMCRI ASSOC.

CONDUCTED BY: _____
JIM KERRN - ALGAY, INC.

PRESSURE TEST IW-1 (CO-227)
20" + 24" ANNULUS
JANUARY 31, 1992

TIME (MIN)		PRESSURE (PSI)
1455	0	193
	5	193
1505	10	193
	15	193
1515	20	193
	25	193
1525	30	192
	35	192
1535	40	191
	45	191
1545	50	191
	55	190
1555	60	190

START TIME: 1455

START PSI: 193

END PSI

% DIFF:

WITNESSED BY:

S. BERNARDINI, M+A

JIM KERRN, ALSAY, INC.

VINCE MELE, DER

WELL: CO-2271 (IW-1)
PROJECT: H89-314

DATE: 12-31-91
CONDITIONS: PARTLY CLOUDY ~68°; BREEZY

PRESSURE TEST OF 24" DIAM. CASING

ELAPSED TIME (MINS.)	PRESSURE (PSI)	% CHANGE (+/-)
0	190	—
5	190	0
10	190	0
15	190	0
20	190	0
25	190	0
30	190	0
35	190	0
40	190	0
45	190	0
50	190	0
55	190	0
60	190	0

TEST BEGAN: 1135 HRS
TEST COMPLETE: 1235 HRS

* NO AIR WHEN BLEEDING DOWN
GOOD TEST

WITNESSED BY: Vincent N. Mele
VINCE MELE - DER

Damon L. Watson
DAMON MATSON - MISSIMER & ASSOC.

CONDUCTED BY: Russell N. Kerr
JIM KERRN, ALSAY, INC.

MARCO ISLAND

DMW-1 PRESSURE TEST

6-INCH CASING

TIME (MIN)	PRESSURE
10	40.1
20	40
30	40
40	39.1
50	38.9
60	38.2

STARTING PRESSURE: 40 PSI

3-26-92 WITNESSED BY:

SUZANNE BERNARDINI (M+S)

Suzanne Bernardini

RICHARD ORTN (DER)

Richard P Ortn

JIM KERN (ALSAY)

Russell J Kern

Florida Standards Laboratory

716 Bunker Road, West Palm Beach, Florida 33405
Phone: (407) 585-9363 Fax: (407) 585-9366

CERTIFICATE OF CALIBRATION

Name: Alsay, Inc.

2900 Industrial Avenue

Fort Pierce, Florida 34946

Certificate No. 6318

Date: 1/27/92

Due Date: 7/27/92

P. O. No.: —

(2) Pressure Gages:

Description	Manufacturer	Model	Serial No.

Calibration has been accomplished on the above named instrument by comparison with standards maintained by **Florida Standards Laboratory** which are traceable to the **National Institute of Standards & Technology,** derived from accepted values of natural physical constants, or derived by the ratio type of self-calibration techniques. Florida Standards Laboratory's calibration system meets the requirements of **MIL-STD-45662A.** Unless otherwise noted, unit has been calibrated to manufacturers specifications. Calibration was accomplished at a referenced temperature of 70°F and a relative humidity of 50 percent.

Minor Adjustments Required: Indicates unit was within tolerance when received but was adjusted to better conform to specifications.

Major Adjustments Required: Indicates unit did not meet required specifications when received and was adjusted to meet these limits.

Remarks:: See reverse inspection report.

N.I.S.T. Test No. G39759A&B

W. Eisele FSL 7

Calibration Technician

INSPECTION REPORT

Serial No.	Description		Manufacturer	Comments	Due Date
1 14787	Pressure Gage	0-160 psi	Wika	Reads within ± 1 minor division	7/92
—	Pressure Gage	0-300 psi	ENFM	Reads wtihin ± 1 minor division	7/92

Florida Standards Laboratory

716 Bunker Road, West Palm Beach, Florida 33405
Phone: (407) 585-9363 · Fax: (407) 585-9366

CERTIFICATE OF CALIBRATION

Name: Alsay

2900 Industrial Avenue

Fort Pierce, Florida 34946

Certificate No. 5568

Date: 8/23/91

Due Date: 2/23/92

P. O. No.: 1501

Description	Manufacturer	Model	Serial No.
(2) Pressure Gages	—		various

Calibration has been accomplished on the above named instrument by comparison with standards maintained by **Florida Standards Laboratory** which are traceable to the **National Institute of Standards & Technology,** derived from accepted values of natural physical constants, or derived by the ratio type of self-calibration techniques. Florida Standards Laboratory's calibration system meets the requirements of **MIL-STD-45662A.** Unless otherwise noted, unit has been calibrated to manufacturers specifications. Calibration was accomplished at a referenced temperature of 70°F and a relative humidity of 50 percent.

Minor Adjustments Required: Indicates unit was within tolerance when received but was adjusted to better conform to specifications.

Major Adjustments Required: Indicates unit did not meet required specifications when received and was adjusted to meet these limits.

Remarks:: See reverse inspection report

N.I.S.T.:: A-855 Mass/Weight/Torque/Pressure Test No. G39759

FSL 6

Calibration Technician

INSPECTION REPORT

I No.	Description	Manufacturer	Comments	Due Date
214787	Pressure Gage 0-160 psi	Wika	No adjustments required Reads within ± 1 minor division	2/23/92
—	Pressure Gage 0-300 psi	ENFM	No adjustments required Reads within ± 1 minor division	2/23/92

Appendix F

Product Information

Surveyors Report

BGA
ENGINEERS • LAND SURVEYORS

September 24, 1992

Mr. John Losch
S.S.U. Services
1000 Color Place
Apopka, Florida 32703

RE: Injection Well @ Marco Island W.W.T.P.

Dear Mr. Losch:

On May 4, 1992, our firm observed the following elevations listed below:

A.) Elevation of the concrete slab on the South side of the injection well, Elevation 6.26.

B.) Elevation of the concrete slab on the North side of the monitoring well, Elevation 6.22.

C.) Bench Mark, nail and disk at the intersection Windward Drive and Elkam Circle, Elevation 5.27.

The concrete slab connecting the wells is approximately 500' North-Northeast of the intersection of Windward Drive and Elkcam Circle.

Elevations are based on N.G.V.D.

If you have any questions, or if we can be of further service, do not hesitate to contact us.

Respectfully,

BRUCE GREEN & ASSOCIATES, INC.

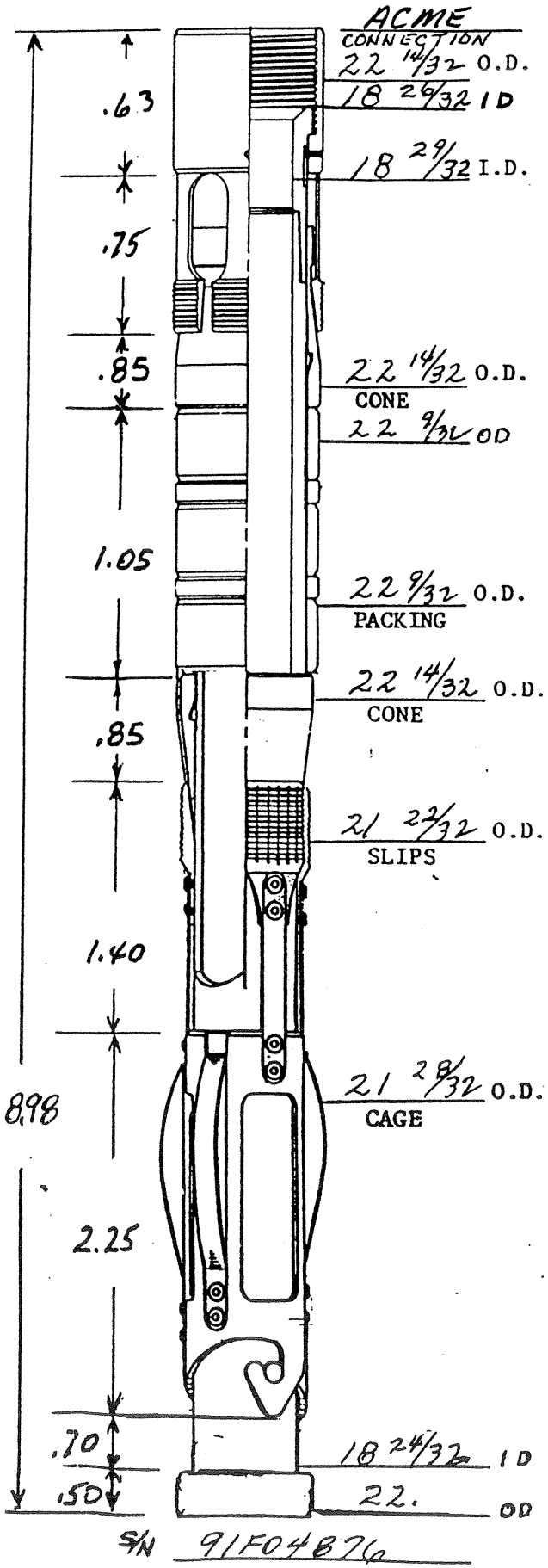
Stephen P. Erek, P.L.S.

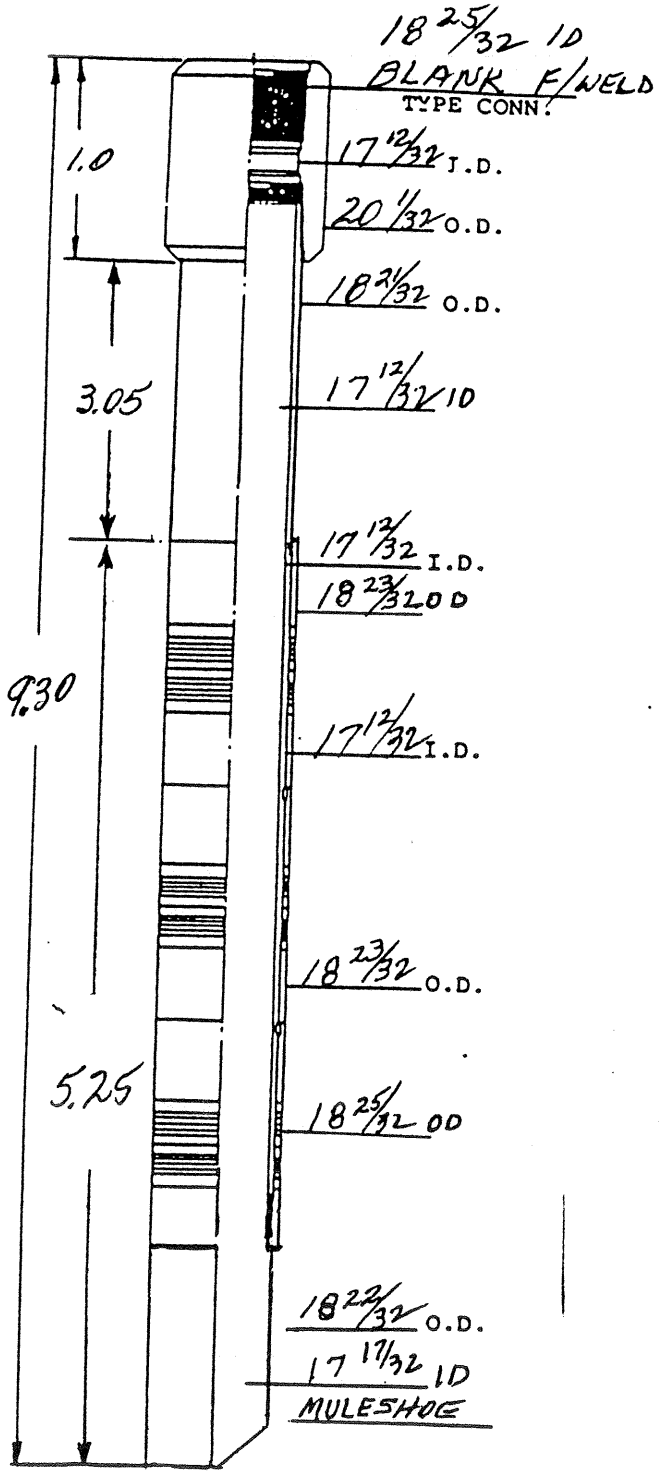
SPE:bm

BRUCE GREEN AND ASSOCIATES, INC.
3806 EXCHANGE AVENUE • NAPLES, FLORIDA 33942-3778 • (813) 262-7525
FAX (813) 262-6231

TEXAS IRON WORKS, INC.

RATOR ALSAY INC	DISTRICT	LEASE	DATE 9-13-91
ERVICEMAN	Well No.	COUNTY or PARISH	STATE FLORIDA





3 UNIT SEAL ASS'Y
S/N 91F04877

Baroid Environmental, Safety and Transportation Data Sheet

BARACOR®100

I. PRODUCT IDENTIFICATION

SUPPLIER BAROID DRILLING FLUIDS, INC.	REGULAR TELEPHONE NUMBER 713/987-5900 EMERGENCY TELEPHONE NO. 713/987-4000

ADDRESS
P.O. BOX 1675 HOUSTON, TEXAS 77251

TRADE NAME
BARACOR 100

GENERIC DESCRIPTION
HETEROCYCLIC AMINE/METHANOL MIXTURE

II. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	%	HAZARD DATA
METHANOL 67-56-1	25	200 PPM OSHA
HETEROCYCLIC AMINE-PROPRIETARY	PROP.	20 PPM

III. PHYSICAL DATA

BOILING POINT (Deg F) ND	MELTING POINT ND	FREEZING POINT -80 POUR
SPECIFIC GRAVITY (H2O = 1) 1.01	VAPOR PRESSURE (mm Hg) 89 @ 100	
VAPOR DENSITY (AIR = 1) >1.0	SOLUBILITY IN WATER, % BY WT. SOLUBLE	
% VOLATILES BY VOLUME ND	EVAPORATION RATE(BUTYL ACETATE = 1) 1.6 CAL.	
APPEARANCE AND ODOR CLEAR DARK LIQUID, FAINT ODOR	DENSITY @ 20 Deg C (Uncompacted) 8.4 LB/GAL	
pH ND		

NA = Not Applicable ND = Not Determined

Baroid Drilling Fluids, Inc.
P.O. Box 1675, Houston, Texas 77251

IV. FIRE AND EXPLOSION DATA

FLASH POINT: (METHOD) 92 DEG. F(TCC)
FIRE EXTINGUISHING MEDIA: DRY CHEMICAL, ALCOHOL FOAM.
SPECIAL FIREFIGHTING PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS. EXTINGUISH SOURCES OF IGNITION. KEEP CONTAINERS COOL WITH WATER SPRAY. RESPIRATORY AND EYE PROTECTION REQUIRED FOR FIRE FIGHTING PERSONNEL. AVOID SPRAYING WATER DIRECTLY INTO STORAGE CONTAINERS DUE TO DANGER OF BOILOVER.
UNUSUAL FIRE AND EXPLOSION HAZARDS: MATERAL IS FLAMMABLE. INCOMLETE THERMAL DECOMPOSITION MAY PRODUCE TOXIC GASES. VAPORS MAY TRAVEL CONSIDERABLE DISTANCE TO AN IGNITION SOURCE AND FLASH BACK. TOXIC GASES WILL FORM UPON COMBUSTION.

V. HEALTH HAZARD INFORMATION

CARCINOGENICITY - NOT ON NTP,IARC OR OSHA LISTS

ACUTE ORAL LD50	ACUTE DERMAL LD50	AQUATIC TOXICITY LC50
3500 MG/KG	>3000MG/KG	ND

ROUTES OF EXPOSURE AND EFFECTS

EYE CONTACT: IRRITATING AND WILL INJURE EYE TISSUE IF NOT REMOVED PROMPTY.
SKIN CONTACT: IRRITATING. METHYL ALCOHOL MAY BE ABSORBED THROUGH THE SKIN WHICH CAN CONTRIBUTE TO DAMAGE OF THE OPTIC NERVE RESULTING IN PERMANENT VISUAL CHANGES, LOSS OF VISION OR TOTAL BLINDNESS.
INGESTION: MAY CAUSE NAUSEA,ABDOMINAL CRAMPS,HEADACHES,VOMITING,BLURRED VISION OR BLINDNESS. THE MOST SIGNIFICANT SYSTEMIC EFFECT CAUSED BY SUBLETHAL DOSES OF METHYL ALCOHOL IS THE DAMAGE TO THE OPTIC NERVE WHICH CAN RESULT IN BLINDESS. AS LITTLE AS 1/2 OZ. OF 40% METHYL ALCOHOL MAY BE FATAL IF SWALLOWED.
INHALATION: MAY CAUSE IRRITATION TO NOSE, THROAT AND LUNGS. PROLONGED INHALATION MAY CAUSE DIZZINESS, INTOXICATION AND NAUSEA. VAPOR INHALATION AND/OR SKIN ABSORPTION CAN CAUSE CENTRAL NERVOUS SYSTEM EFFECTS & BLINDNESS.
EFFECTS OF EXPOSURE, CHRONIC: NOT DETERMINED

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. HOLD BACK EYELIDS DURING FLUSHING. GET MEDICAL ATTENTION.
SKIN CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER; USE SOAP IF AVAILABLE. FOR AT LEAST 15 MINUTES. REMOVE GROSSLY CONTAMINATED CLOTHING, INCLUDING SHOES, AND LAUNDER BEFORE REUSE. GET MEDICAL ATTENTION.
INHALATION: USING PROPER RESPIRATORY PROTECTION, REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. GET PROMPT MEDICAL ATTENTION.
INGESTION: INDUCE VOMITING. DRINK WATER AND GET MEDICAL ATTENTION.

VI. REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY

MATERIAL IS STABLE.

INCOMPATIBILITY

AVOID CONTACT WITH OXIDIZERS. AVOID SOURCES OF IGNITION.

HAZARDOUS DECOMPOSITION PRODUCTS

CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

ELIMINATE SOURCES OF IGNITION. COVER SPILL WITH INERT ABSORBANT MATERIAL AND HOLD FOR DISPOSAL. CAUTION, ABSORBED MATERIAL MAY RETAIN THE HAZARDOUS CHARACTERISTICS OF THE ORIGINAL MATERIAL. VAPORS/DUST MAY BE HARMFUL/FATAL.

NEUTRALIZING CHEMICALS

NONE

WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS

VIII. INDUSTRIAL HYGIENE CONTROL MEASURES

VENTILATION REQUIREMENTS

USE WITH ADEQUATE VENTILATION. IF VAPOR LEVEL RISES ABOVE TLV, A RESPIRATOR MAY BE REQUIRED.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY

RESPERATOR

EYE

CHEMICAL GOGGLES AND A FACE SHIELD

GLOVES

CHEMICAL RESISTANT

OTHER CLOTHING AND EQUIPMENT

CHEMICAL RESISTANT APRON, RUBBER BOOTS

IX. SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS

DO NOT STORE OR HANDLE NEAR HEAT, SPARKS OR OPEN FLAME. STORE AND HANDLE IN WELL VENTILATED AREA. WEAR APPROPRIATE PROTECTIVE EQUIPMENT WHEN HANDLING. CLOSE CONTAINER WHEN NOT IN USE. DO NOT REUSE EMPTY CONTAINER. "EMPTY" CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, SOLDER, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. EMPTY DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY RETURNED TO A DRUM RECONDITIONER, OR PROPERLY DISPOSED OF.

OTHER HANDLING AND STORAGE REQUIREMENTS

NONE

X. DEPARTMENT OF TRANSPORTATION INFORMATION

PROPER SHIPPING NAME :
FLAMMABLE LIQUID, NOS (METHANOL)

HAZARD CLASS :
FLAMMABLE LIQUID, N.O.S.

HAZARDOUS SUBSTANCE :
METHANOL

LABEL :
FLAMMABLE LIQUID UN1993

PLACARDS :
FLAMMABLE LIQUID

REPORTABLE QUANTITY :
20,000 POUNDS

ID NUMBER :
UN 1993

XI. REGULATORY INFORMATION

STATUS ON SUBSTANCE LISTS

Comprehensive Environmental Response, Compensation and Liability Act of 1980, (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4.

Components present in this product which may require notification are:

Chemical	CAS Number
METHANOL	67-56-1

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on RQs.
Components present in this product at a level which could require reporting under the statute are:

METHANOL 25% 67-56-1

SARA requires the submission of annual reports of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDS that are copied and distributed for this material.
Components present in this product at a level which could require reporting under the statute are:

METHANOL 25 MAXIMUM

Toxic Substances Control Act (TSCA)
The ingredients of this product are on the TSCA inventory.

XII. STATE RIGHT TO KNOW

NOT ON ANY LISTS

Prepared by:
Environmental Services

DATE:
March,1991