GW-007

REPORT

MIT Well No. 4

YEAR(S):

Oct., 17 2007

LONQUIST
FIELD SERVICE

MECHANICAL INTEGRITY TEST REPORT
Western Refining Company, LP
Well No. 4
API No. 30-025-35957
Jal, New Mexico, USA

Prepared for:

Western Refining Company, LP
Jal, New Mexico, USA

by:

Lonquist Field Service, LLC
Austin, Texas

October 17, 2007

Executive Summary

Lonquist Field Service, LLC. (LFS) was contracted to conduct a Mechanical Integrity Test on Well No. 4 for Western Refining Company, LP (Western Refining) from August 13-19, 2007. A nitrogen-interface test method was used for this test. Nitrogen was injected into Well No. 4 on August 15, 2006 and there was a stabilization period until August 17, 2007. The well was then shut in for a period of 48 hours to conduct the actual test. After observing the change in the nitrogen interface depth the total volume change was calculated. Using an average temperature and pressure across the effected well depth and by extrapolating the time an annual net loss could be calculated. This calculation yielded a loss of 254.19 bbls of nitrogen per year and a Minimum Detectable Leak Rate (MDLR) 615.76 bbls/year. The well was tested to a test gradient of 0.76 psi/ft at the 9 5/8" casing shoe. Considering these results and the guidelines set forth by the Oil Conservation Division, Well No. 4, at the time of this test, demonstrated the mechanical integrity required for LPG storage.

Table of Contents

Introduction

Lonquist Field Service, LLC (LFS) was contracted to conduct a mechanical integrity test (MIT) for Well No. 4 located at the Jal Station, Jal New Mexico. LFS prepared a MIT procedure according to guidelines set forth by the OCD.

Well No. 4 was tested using the Nitrogen-Brine Interface Test Method (See Appendix A). This procedure begins with an initial injection of nitrogen into the well to check for wellhead and casing leaks. The initial injection is followed by continued injection of nitrogen into the storage well until the interface is located below the casing shoe and a sufficient test pressure has been reached. The interface depth and both the nitrogen (annulus) and brine (tubing) pressure are monitored during the test period. The test is evaluated by calculating the nitrogen mass (volume) at the commencement and completion of the test period. This difference yields an apparent mass (volume) change. As the test occurs over a finite time period, the apparent mass (volume) rate can be calculated and linearly forecasted to an annual rate. The annual mass (volume) rate is usually expressed in barrels of nitrogen per year (at average well pressure and temperature conditions). The mass (volume) rate of change is subject to the accuracy of the test or Minimum Detectable Leak Rate (MDLR), also expressed in barrels per year.

The following report will outline the Nitrogen-Brine Interface Test for Well No. 4. The report includes the cavern and wellbore configuration, pressure trends, temperature logs, and density logs completed during the test.

Summary

On August 15, 2007 nitrogen was injected into Well No. 4 at a rate of 1000 SCFM with a target temperature of 65° F. As nitrogen was pumped into the annulus of the well it became apparent that the brines string was blocked. The well was pressured up, after sitting for a short period of time the blockage let go and the annulus and brine tubing found equilibrium. After we broke through the blockage the interface was logged at a depth of 1665'. A well casing test was completed after the well was shut in for a period of time. The density logs and pressure test did not indicate any appreciable leaks in the well casing and wellhead components.

Nitrogen injection resumed until the nitrogen – brine interface was determined (through density logging) to be below the casing shoe depth of 1666'. The nitrogen – brine interface was established at a depth of 1668.9' with a nitrogen (annulus) pressure of 1203.87 psig at surface. The brine (tubing) pressure at surface was observed to be 422.42 psig.

After a stabilization period of approximately 40 hours the well was re-logged to determine the interface depth that would be used for the test calculations. At the beginning of the observation period on August 17, 2006 at 11:29 hrs, the nitrogen - brine interface was logged at 1668.9' (2.9' below casing shoe). The nitrogen (annulus) pressure was 1187.41 psig and the brine (tubing) pressure was 406.16 psig.

The well was shut in for the duration of the test (approximately 48 hours) which concluded on August 19, 2007 at 11:29 hrs. A density log was again completed to determine the depth of the nitrogen – product interface. The interface was measured at a depth of 1668.95'. The nitrogen (annulus) pressure was 1182.41 psig and the brine (tubing) pressure was 400.66 psig. The net change in the nitrogen (annulus) pressure was 5.02 psig and the net change in the brine (tubing) pressure was 5.50 psig. The interface depth moved down .05' .

Conclusions

The mechanical integrity of Well No. 4 was established with a Nitrogen-Brine Interface Test Method. Well No. 4 was initialized with an annulus pressure of 1187.43 psig and tubing pressure of 406.16 psig with the nitrogen-product interface at 1668.9'. Well No. 4 was finalized with an annulus pressure of 1182.41 psig and a tubing pressure of 400.66 psig with the nitrogen-brine interface at 1668.95'.

Well No. 4 had a test length of 48 hours and a test gradient of 0.76 psi/ft at the 9 5/8" casing shoe.

The calculated nitrogen leak rate was 254.19 bbls per year which is less than the Minimum Detectable Leak Rate (MDLR) of 615.76 bbls per year.

At the completion of this test, Well No. 4 exhibited the characteristics of a well that has mechanical integrity as required for the storage of liquid petroleum products in accordance with the Oil Conservation Division guidelines.

Daily Activities

August 13th, 2007

The wireline unit was rigged up on Well No. 4 at 15:30 hrs to perform initial temperature and density logs. This trip was also used to set a reference point for the depth of the casing shoe.

August 15th, 2007

At 08:00 the wireline truck was rigged up and at 09:44 hrs nitrogen was injected into the well to do the initial leak test on surface equipment. The nitrogen truck had mechanical problems and a new truck was brought in. Nitrogen was again injected to do the surface test, after successfully completing this, nitrogen was again injected until the nitrogen/product interface was below the casing shoe to a depth of 1668.9' with a total of 88,216.69 SCF of nitrogen injected. At 20:01 hrs the pressure was checked and showed the surface nitrogen pressure to be 1203.87 and the surface tubing pressure to be 422.42, the well continued to be observed through digital monitoring. The well was allowed to stabilize for 40 hrs.

August 16th, 2007

Stabilization Day.

August 17th, 2007

At 10:30 hrs the wireline unit was rigged up and the temperature and density logs were ran to initialize the test. The density log showed the interface to be at a depth of 1668.9' with a surface nitrogen pressure of 1187.43 psig and a surface tubing pressure at 406.16 psig. The well was shut in and the test period commenced.

August 18th, 2007

Pressure check at 11:03 showed the annulus at 1185.5 psig and the tubing to be at 403.2 psig.

August 19th, 2006

At 10:51 hrs the surface brine pressure was 400.66 psig and the surface nitrogen pressure was 1182.41 psig. A density log was completed and the nitrogen-brine interface was recorded at 1668.95'. This concluded the test.

Test Participants

Western Refining Company, LP

Ken Parker.....Owners Representative

Lonquist Field Service, LLC

Tadd Busch.....Lonquist Field Service

Gray Wireline

Monte Holmes.....Wireline Operator

BJ Pressure Control

BJ.....Nitrogen Injection

Calculations

Minimum Detectable Leak Rate – MDLR

The test sensitivity is defined at the ability of the test calculations and measurements to determine the status of the mechanical integrity of the well and wellbore. The conventional test sensitivity calculation using this test methodology is the Minimum Detectable Leak Rate (MDLR).

$$MDLR = \left[B_V * L_R * (T_c)\right] / T_L$$

Where:

MDLR	=	**615.76 bbls/year**
B_v	=	33.74 bbls/ft (average based on nitrogen injection)
L_R	=	0.10 feet
T_c	=	365 days/year
T_L	=	2 day

Therefore: (33.74 x 0.1 x 365)/2 = **615.76 bbls/year**

Volume Calculations – Borehole below 9 5/8" Cemented Casing

Using the methodology outlined in the MIT procedure the following volumes were calculated:

Initial Wellbore Volume (V_I)

- Annulus Pressure – 1187.43 psig
- Tubing Pressure – 406.16 psig
- Wellbore Temperature – Logged (APPENDIX D)
- Volume
  - 7" X 4 1/2" Annulus – 0.03 bbls/ft (0.17 ft^3/ft)
  - 9 5/8" x 4 ½" Annulus – 0.058 bbls/ft (0.33)
  - Borehole – 33.74 bbls/ft (189.44 ft^3/ft)

$$(V_I) = \sum_o^{I/F} (N_2)_i$$

V_I = 97,181.78 SCF

Final Wellbore Volume (V_F)

- Annulus Pressure – 1182.41 psig
- Tubing Pressure – 400.66 psig
- Wellbore Temperature – Logged (APPENDIX D)
- Volume
  - 7" X 4 1/2" Annulus – 0.03 bbls/ft (0.17 ft^3/ft)
  - 9 5/8" x 4 ½" Annulus – 0.058 bbls/ft (0.33)
  - Borehole – 33.74 bbls/ft (189.44 ft^3/ft)

$$(V_F) = \sum_o^{I/F} (N_2)_i$$

V_F = 97,845.49 SCF

Borehole Volume Change:

$$(\Delta V)_{STP} = (V_I) - (V_F)$$

$$(\Delta V)_{STP} = (663.71) SCF$$

Volume Change:

$(\Delta V)_{STP} = 663.71 SCF$

Using the methodology outlined in APPENDIX A:

The calculated volume/mass change is based on standard temperature and pressure and to evaluate the test results against the MDLR the calculated volume/mass change is converted to downhole conditions with the following equation:

$$(\Delta V_{WB}) = \left(\frac{[(Z_A) * (T_A) * R * (\Delta V)_{STP}]}{[(P_A) * N_{GC}]} \right)$$

Where:

(ΔV_{WB})	=	**7.82 ft^3**
(Z_A)	=	0.9989
(T_A)	=	525.09 °R
R	=	Specific Gas Constant
$(\Delta V)_{STP}$	=	663.71 SCF
(P_A)	=	1235.04 psi
N_{GC}	=	Nitrogen Gas Conversion (13.8 SCF = 1 lb)

To calculate a annual volume change to compare to the MDLR the following calculations were completed:

$$(\Delta V_{ANNUAL}) = \frac{[(\Delta V_{WB}) * 24(hr/day) * 365(day/yr)]}{T_L}$$

Where:

(ΔV_{ANNUAL})	=	**1427.15 ft^3/year**
(ΔV_{WB})	=	7.82 ft^3
(T_L)	=	48 hours

This is a total of **254.19 bbls/year.**

(bbls/year) = (ΔV_{ANNUAL}) / 5.6146 ft^3

Where:

(ΔV_{ANNUAL})	=	**1427.15 ft^3**
1 bbl	=	5.6146 ft^3

Well Data Sheet

TEST INFORMATION AND RESULTS

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
Parish:	Lea
Field:	Jal Station
Seriel #:	30-025-35957
UIC #	0

WELL INFORMATION

Cemented Casing			Casing Liner		
Casing Size	9.63	inches	Casing Size	7.00	inches
Casing ID	8.92	inches	Casing ID	6.37	inches
Casing Weight	36.00	lbs/ft	Casing Weight	23.00	lbs/ft
Grade			Grade		
Depth	1666	feet	Depth	1584	feet

Hanging String No. 1			Hanging String No. 2		
Casing Size	4 1/2	inches	Casing Size	0	inches
Casing ID	4	inches	Casing ID	0	inches
Casing Weight	11 3/5	lbs/ft	Casing Weight	0	lbs/ft
Grade			Grade	0	
Depth	2568	feet	Depth	0	feet

Cavern		
Cavern Size	71,725	bbls
Compressibility	0.22	bbls/psi
Cavern TD	640	feet

FINAL TEST INFORMATION

Effective Casing Shoe	1666	feet	Casing Shoe Pressure	1258.65	psi
Test Gradient	0.76	psi/ft	Interface Pressure	1258.78	psi
Brine Specific Gravity	1.2		Surface Tubing Pressure	391.62	psi
Nitrogen Temperature	65	deg F	Surface Annulus Pressure	1189.37	psi
Interface Depth	1668.9	feet	Pressure Increase	533.36	psi
Gas Compressibility	0.9998		Conversion	14.70	psi

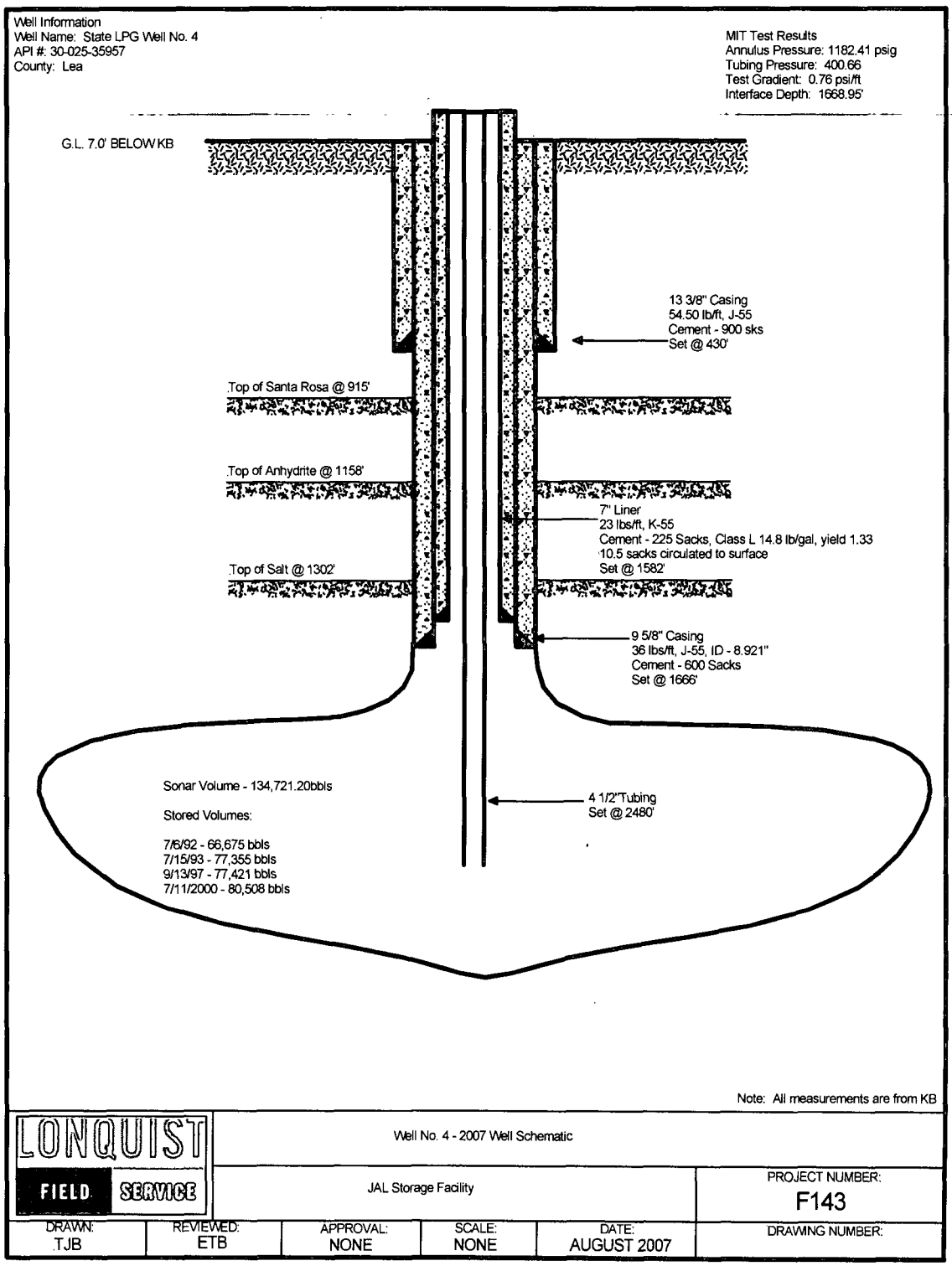
Volume			Nitrogen		
Annular Volume No. 1	0.020	bbls/ft	Surface to Casing Shoe	16945.12	SCF
Annular Volume No. 2	0.058	bbls/ft	Casing Shoe to Interface	38803.49	SCF
Surface to Liner Shoe	31.199	bbls	Total	55748.61	SCF
Liner Shoe to Casing Shoe	4.726	bbls	**Brine**		
Casing Shoe to Interface	80	bbls	Cavern Pre-Pressure	-141.75	psi
Total	115.926	bbls	Brine Injection	-30.81	bbls

TEST RESULTS

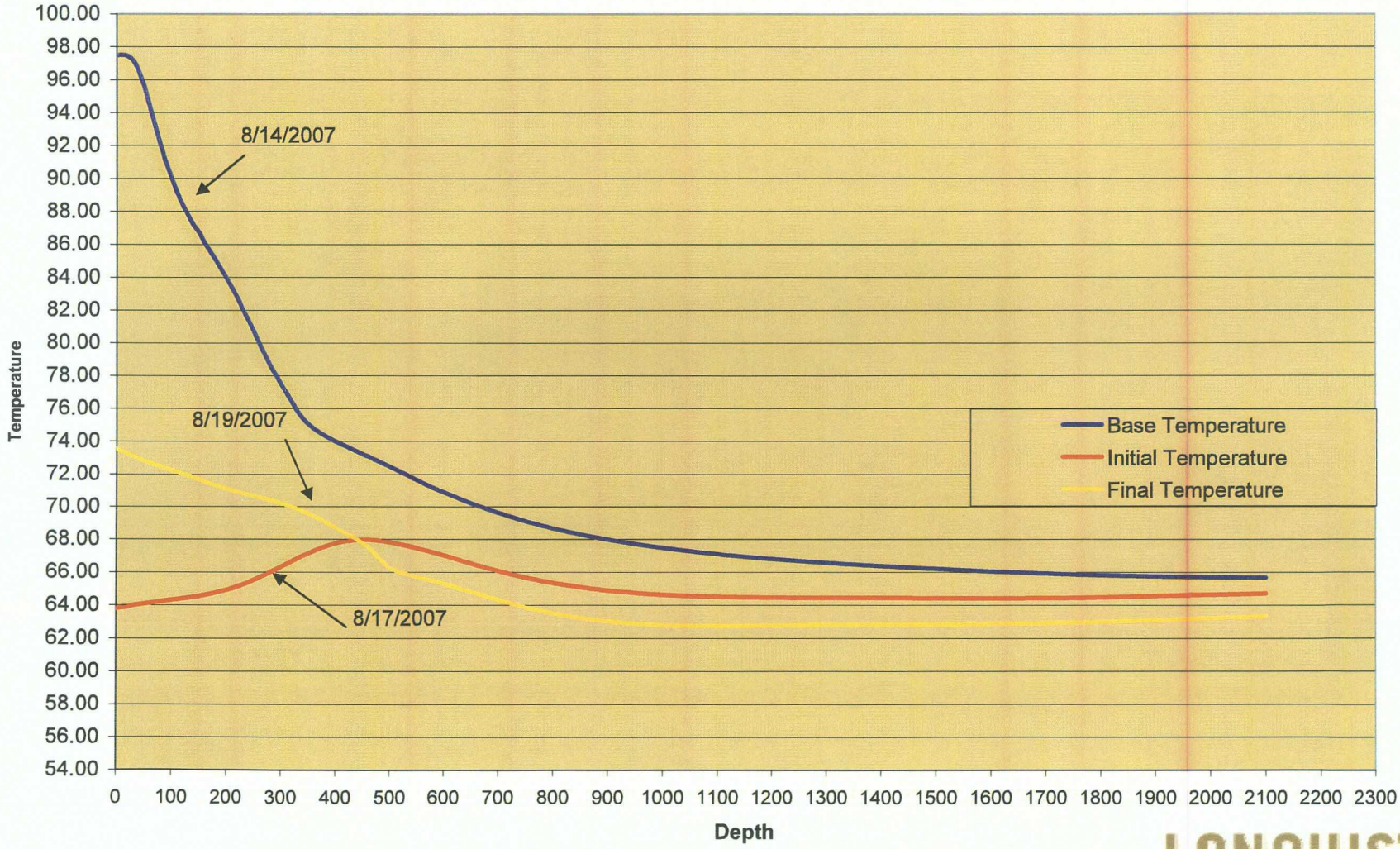
Test Initialization Information			Test Finalization Information		
Date	8/17/2007			8/19/2007	
Tubing Pressure	406.16	psig	Tubing Pressure	400.66	psig
Annulus Pressure	1187.43	psig	Annulus Pressure	1182.41	psig
Wellbore Temperature	65	deg F	Wellbore Temperature	65	deg F
Nitrogen/Brine Interface	1668.9	feet	Nitrogen/Brine Interface	1668.95	feet

Test Results					
MDLR	615.76	bbls/yr	Test Length	48	hours
Calculated Volume Change	254.19	bbls/yr	Test Length	2	days
Test Gradient	0.76	psi/ft	Logging Resolution	0.1	feet
Tubing Pressure Change	5.50	psi			
Annulus Pressure Change	5.02	psi			

MIT/Well Schematic



Well No. 4 - MIT
Wellbore Temperature



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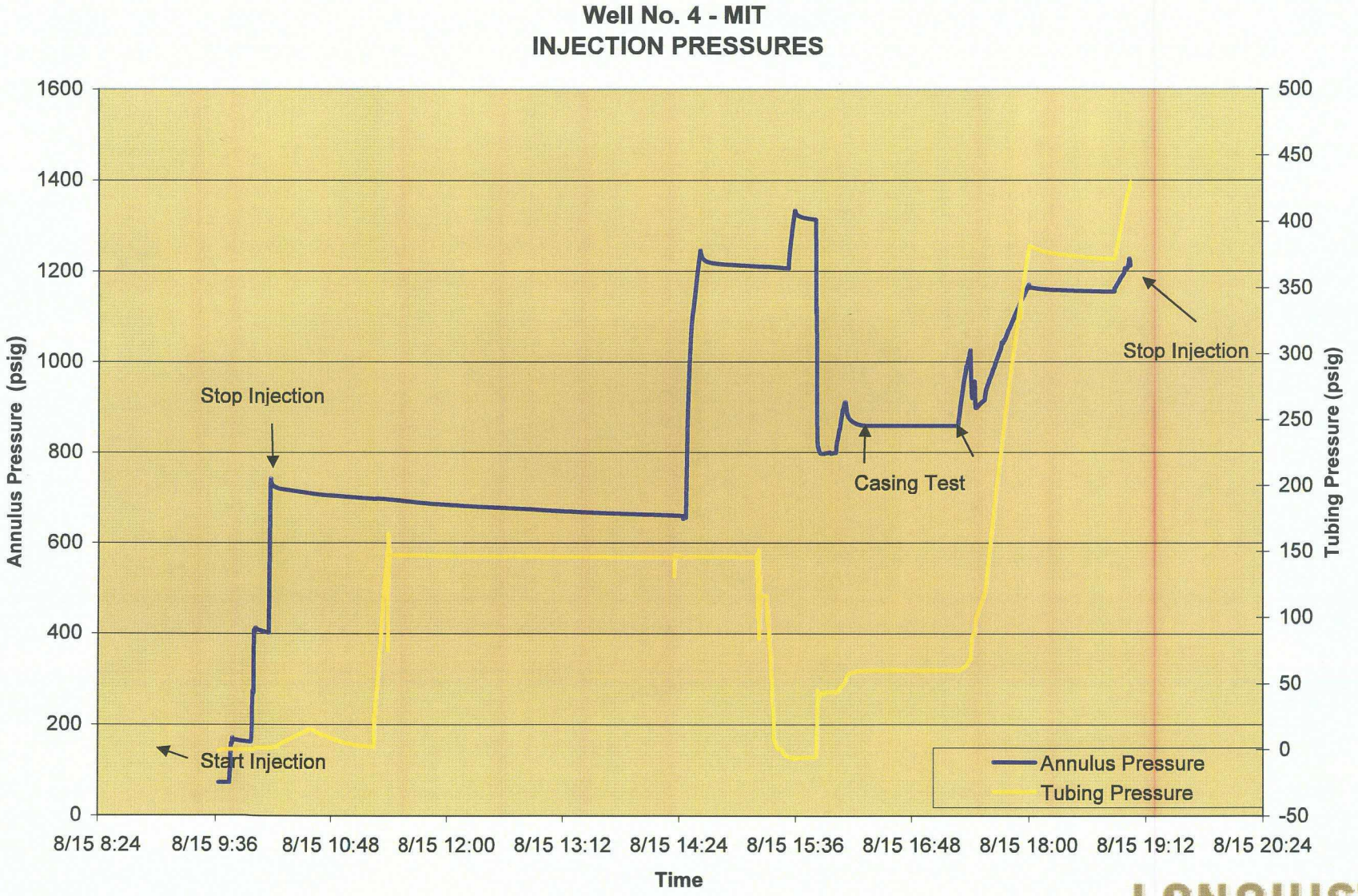
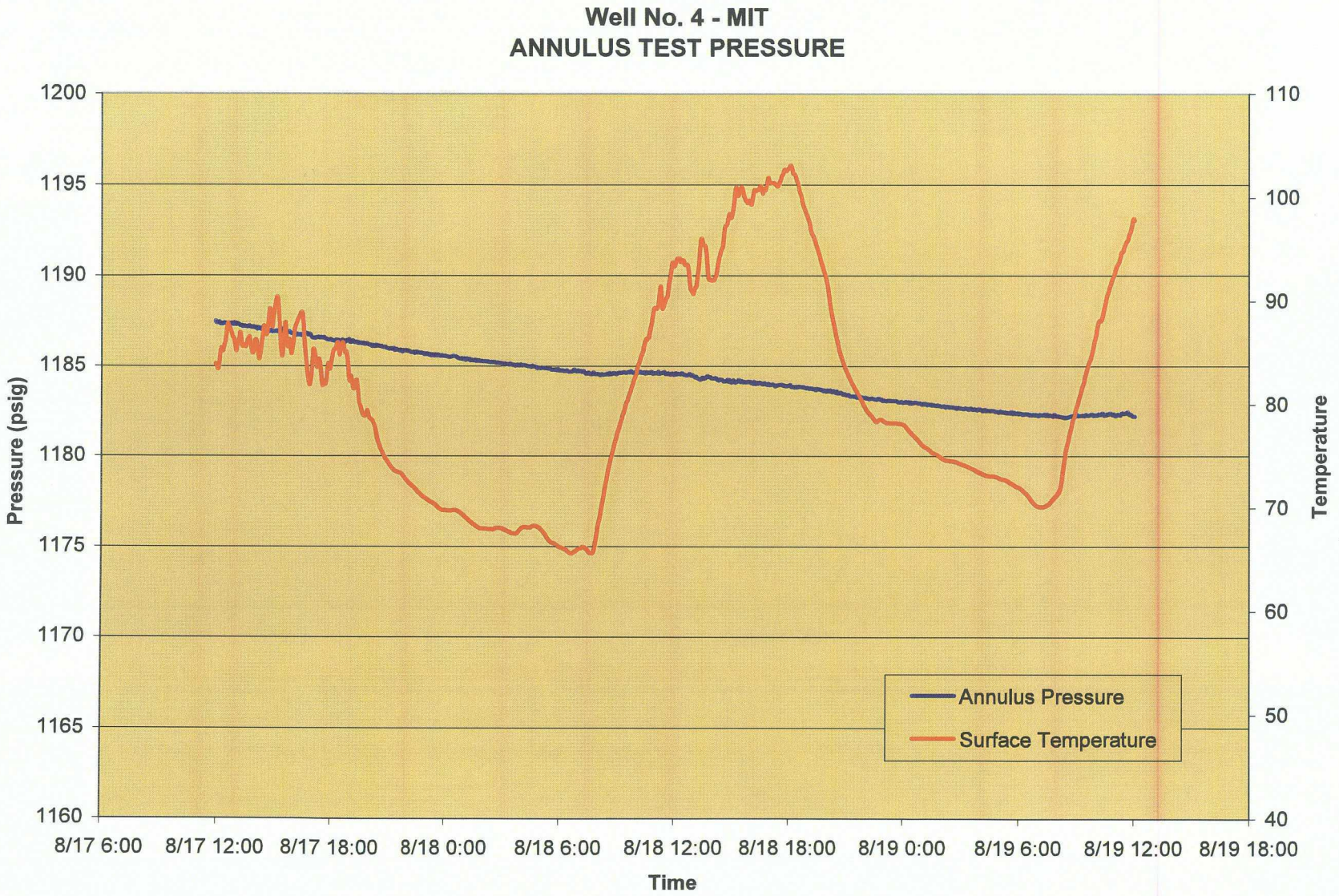
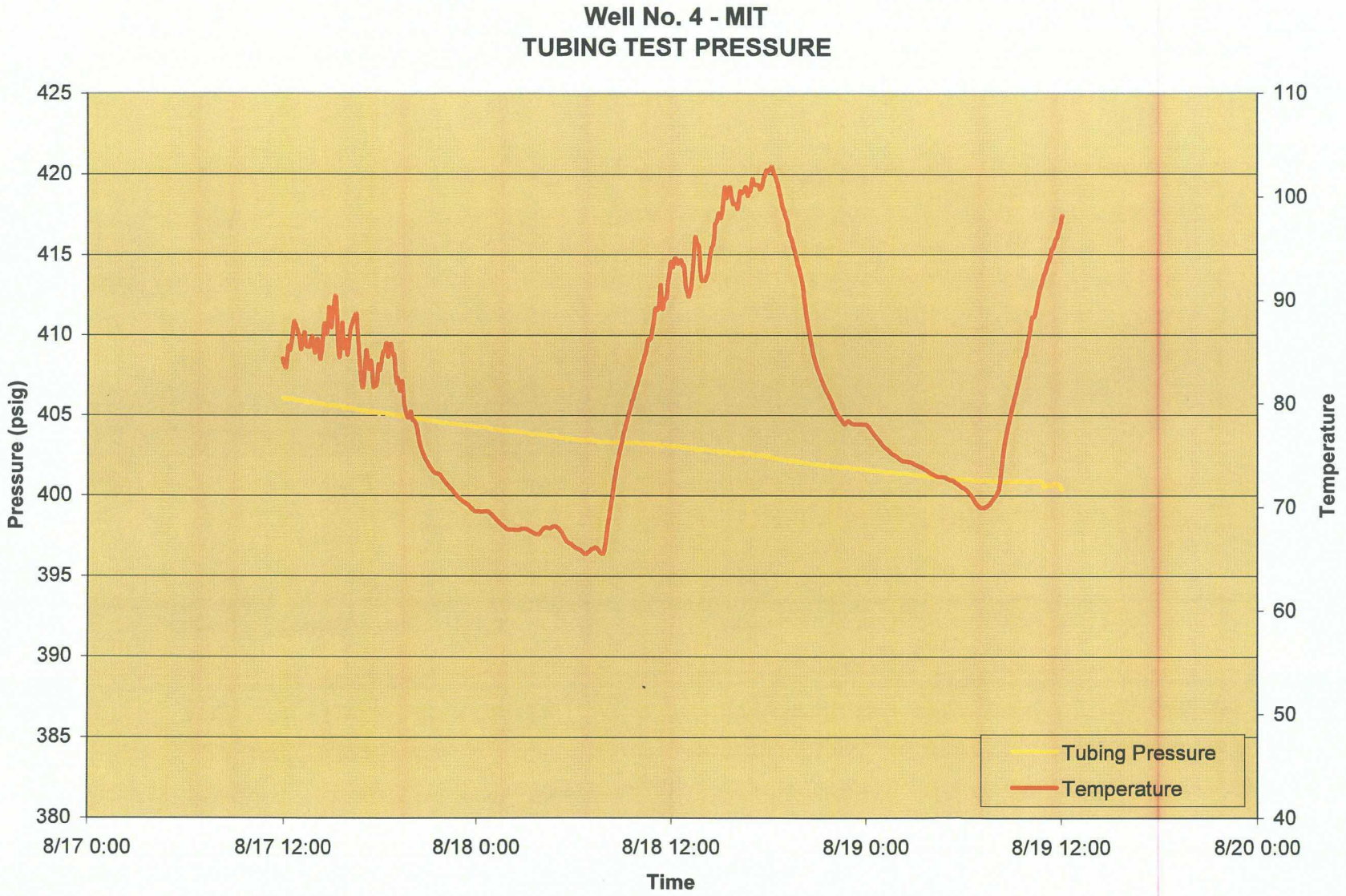
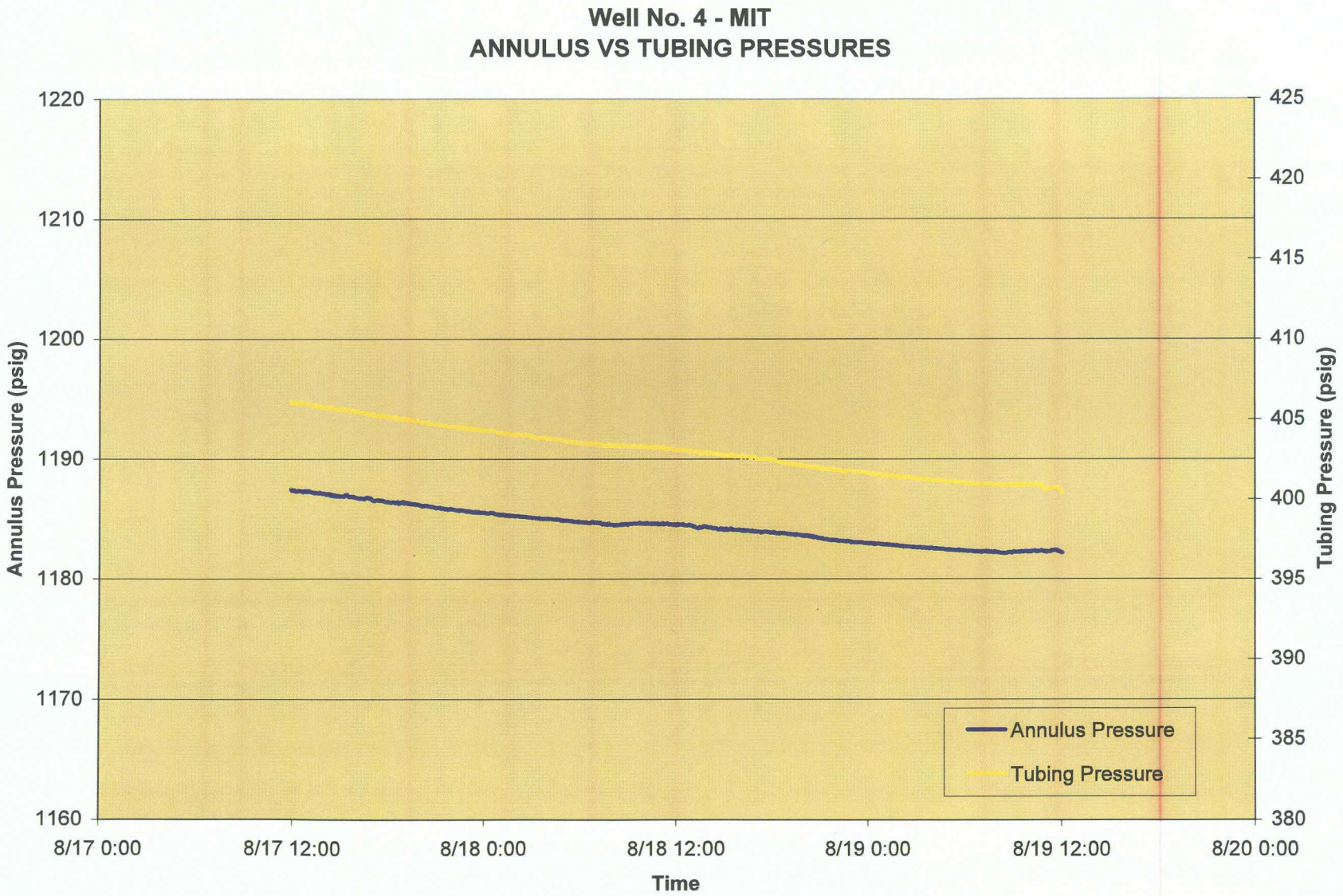


LONQUIST FIELD SERVICE


Well No. 4 - MIT
ANNULUS TEST PRESSURE
Pressure (psig)
Temperature
Time
1200
1195
1190
1185
1180
1175
1170
1165
1160
110
100
90
80
70
60
50
40
8/17 6:00
8/17 12:00
8/17 18:00
8/18 0:00
8/18 6:00
8/18 12:00
8/18 18:00
8/19 0:00
8/19 6:00
8/19 12:00
8/19 18:00
Annulus Pressure
Surface Temperature


Well No. 4 - MIT
TUBING TEST PRESSURE
Pressure (psig)
Temperature
Time
425
420
415
410
405
400
395
390
385
380
110
100
90
80
70
60
50
40
8/17 0:00
8/17 12:00
8/18 0:00
8/18 12:00
8/19 0:00
8/19 12:00
8/20 0:00
Tubing Pressure
Temperature


Well No. 4 - MIT
ANNULUS VS TUBING PRESSURES
Annulus Pressure (psig)
Tubing Pressure (psig)
1220
1210
1200
1190
1180
1170
1160
425
420
415
410
405
400
395
390
385
380
8/17 0:00
8/17 12:00
8/18 0:00
8/18 12:00
8/19 0:00
8/19 12:00
8/20 0:00
Time
Annulus Pressure
Tubing Pressure

Appendix A – MIT Test Procedure

LONQUIST FIELD SERVICE	**WELL TEST** **Western Refining Company, LP** **Well No. 4** **Mechanical Integrity Test**	**Project No.: F143** **Date: August 2007** **Page: 1 of 10**

Well: No. 4	**State:** New Mexico	**County:** LEA	**Field:** Jal Station
API: 30-025-35957	**Oper:** Western Refining Company, LP	**Location:** Jal	**Status:** State LPG Well

INTRODUCTION

The purpose of the Mechanical Integrity Test (MIT) procedure is to test the integrity of the underground storage system that includes the cavern, cemented casing, and wellhead to determine if the system is suitable for the storage of hydrocarbons.

In accordance with the Oil Conservation Divisions of New Mexico Well No 4 is undergoing an MIT following the recently completed workover before the well can be placed back into service. The recent workover on Well No 4 involved pulling and replacing the old 4 ½" tubing and adding a 7" liner.

The test procedure will consist of the following basic steps:

1. Pre-pressure the cavern with brine to a specific test pressure.
2. Complete pre-test density and temperature logs.
3. Inject nitrogen into Well No. 4 and monitor interface location to place in the cemented casing to complete a preliminary test on the cemented casing.
4. Inject nitrogen into Well No. 4 and monitor interface location to place interface below the cemented casing shoe.
5. Monitor wellhead pressures, wellbore temperature, and interface location during the specified test period.
6. Complete and submit MIT report to Western Refining Company, LP and the Oil Conservation Division of New Mexico.
7. Place Well No. 4 in operations

The test procedure includes the following information:

- Nitrogen/Brine Interface Test Planning Sheet
- Test Schematic
- Contact Information

PREPARED BY	DATE	APPROVED BY	DATE	CLIENT APPROVAL	DATE	Client Signature
TJB	8/1/2007	ETB	8/1/2007			

Well: No. 4	**State:** New Mexico	**County:** LEA	**Field:** Jal Station
API: 30-025-35957	**Oper:** Western Refining Company, LP	**Location:** Jal	**Status:** State LPG Well

Well Preparation

1. Wellhead should be isolated from all surface piping during the test. This may include blind flanges, skillet flanges, and 1" or 2" test flanges.
    a. Wellhead should keep the ability to bleed excess brine pressure back into surface system during the test.
2. Install pressure recording equipment on wellhead. Pressure equipment should be able to record wellhead pressures and wellhead temperatures during the test period. Additional equipment to measure the nitrogen stream injected into the well will be necessary.
    a. All equipment calibration certifications to be provided with final reports.
3. Wellhead configuration should permit the use of a wireline lubricator and logging tools.
4. Pre-pressure the cavern to predetermined pressure with saturated brine
    a. See MIT Data Sheet
5. Wellhead pressure should be stable prior to starting the test.
    a. Stable wellhead pressure – Decline less than 10 psi/day

Well Injection Phase

6. Move in and rig up wireline unit, logging tools, pressure equipment, and nitrogen supplier.
7. Complete base density log and wellbore temperature log
    a. Base Temperature Log – (0' –TD)
    b. Base Density Log – (TD' – 0')
    c. Density logs should include: tubing collars, production casing shoe, and approved logging scales.
    d. All depths are approximate
8. Start Nitrogen Injection at a slow rate (<500 SCFM). Nitrogen temperature should be regulated to the average wellbore temperature.
9. Monitor the nitrogen/brine interface and wellbore pressures to locate the interface above the casing shoe and conduct a preliminary casing test.
    a. Casing Test – Minimum of 30 minutes
    b. Monitor and record wellhead pressures and interface at the start and completion of the test
10. Monitor the nitrogen/brine interface and wellbore pressures to locate the nitrogen/brine interface below the cemented casing shoe and not exceed a test pressure gradient of 0.80 psi/ft at the cemented casing shoe.
11. After nitrogen/brine interface is located sufficiently below the cemented casing shoe stop nitrogen injection and shut well in for a short stabilization period.
12. Shut in for 30 minutes – Monitor pressures, interface location, and check wellhead for possible leak paths.

13. Complete post injection density logs
    a. Post Injection Density Log – (TD' – 1550').
    b. Record wellhead pressures.
    c. Density logs should include: tubing collars, nitrogen/brine interface, production casing shoe, and approved logging scales.
    d. All depths are approximate

14. Remove logging tools and shut well for the stabilization period.

15. Complete test calculations based on wellhead pressure measurements, nitrogen volume measurements, wellbore temperatures, and interface locations.
    a. Refer to Test Calculations Section

Test Initialization

16. Move in and rig up wireline unit, logging tools, and pressure equipment.

17. Complete initial density log and wellbore temperature log
    a. Base Temperature Log – (0' – TD')
    b. Initial Density Log – (TD' – 1550')
    c. Density logs should include: tubing collars, nitrogen/brine interface, production casing shoe, and approved logging scales.
    d. All depths are approximate
18. Shut well in for test period – Minimum of 24 hours

Test Finalization

19. After planned test duration, move in and rig up wireline unit, logging tools, and pressure equipment.
    a. Complete final density log and wellbore temperature log
    b. Final Temperature Log – (0' – TD')
    c. Final Density Log – (TD' – 1550')
    d. Density logs should include: tubing collars, nitrogen/brine interface, production casing shoe, and approved logging scales.
    e. All depths are approximate

20. Determine if the test is complete based on results or if the test should be extended. Repeat Steps 15 - 17 if required.

Nitrogen/Brine Interface Test Calculations

The test methodology proposed in this procedure is developed using the industry standard nitrogen/brine interface test method.

The wellhead pressures and temperature, wellbore temperatures, nitrogen volumes, and interface location will be recorded throughout the test period and will allow for the calculation of the borehole volumes, test sensitivity, minimum test durations, and final test calculations.

All test calculations are based on the following measured parameters: wellhead pressure, nitrogen volumes, annular casing unit volume, wellbore temperatures, and interface locations. In addition to the measured parameters, the following calculated parameters are important in completing the test: unit borehole volume, MDLR, and test length.

To evaluate the test the calculated nitrogen volume/mass at the start of the test is compared to the calculated nitrogen volume/mass at the end of the test. This rate of volume change and it's comparison to the test sensitivity is one of the components in determining the final results of the MIT.

TEST SENSITIVITY AND TEST LENGTH

Test sensitivity calculations are the functions of three factors:

Borehole volume – Determined from nitrogen measurement and sonar surveys
Log Resolution – Recommended: 5":100' logging scale
Minimum test duration – 24 hours

The test sensitivity is defined at the ability of the test calculations and measurements to determine the status of the mechanical integrity of the well and wellbore. The conventional test sensitivity calculation using this test methodology is the Minimum Detectable Leak Rate (MDLR).

$$MDLR = \left[B_V * L_R * (T_c)\right] / T_L$$

Where:

MDLR	=	Minimum Detectable Leak Rate (bbl/year)
B_v	=	Borehole Volume (bbls/ft)
L_R	=	Log Resolution (feet)
T_c	=	Time Constant (365 days/year)
T_L	=	Test Length (days)

Using the MDLR method a reasonable and acceptable test accuracy and sensitivity can be calculated for the Mechanical Integrity Test. The MDLR calculation is based on downhole measurements of the test conditions.

The MDLR must be less than 1000 bbl/year for the designated test period. The length of the test must a minimum of

24 hours and sufficient in length to keep the MDLR below 1000 bbl/year and allow for a proper evaluation of the well test.

TEST EVALUATIONS

The volume/mass of nitrogen located in the wellbore can be affected by following: temperature stabilization, cavern leaching/creep, and volume changes. Using P-V-T gas calculations, any changes in the volume/mass of the nitrogen in the wellbore can be evaluated based on wellbore temperature changes, pressure changes, and/or wellbore leakage.

Pressure Calculations

The average wellbore pressure is calculated based on the wellhead surface pressure, wellbore temperature, and depth of the specific interval. The following equation is used to calculate the average wellbore pressure

$$(P_A)_i = (P_A)_{i-1}\left[1+\left(\frac{D}{(R)(Z_A)_i(T)_i}\right)\right]$$

Where:

$(P_A)_i$ = Pressure @ Depth Interval (Calculated) (psia)
$(P_A)_{i-1}$ = Pressure @ Previous Depth Interval (Calculated) (psi)
D = Depth Interval (ft)
$(Z_A)_i$ = Gas Compressibility Factor @ Depth Interval
R = Specific Gas Constant
$(T)_i$ = Wellbore Temperature (◦R)

Nitrogen Calculations

The following calculation is used to calculate the volume/mass of nitrogen for specific intervals over the entire wellbore at the start and end of the test period:

$$(N_2)_i = \left(\frac{[(P_A)_i * (B_v)_i]}{[(Z_A)_i * (T_A)_i * R]}\right) * N_{GC}$$

Where:

$(N_2)_i$ = Nitrogen Volume (SCF)
$(P_A)_i$ = Average Wellbore Pressure (psi)
$(B_v)_i$ = Wellbore Volume (ft^3)

$(Z_A)_i$ = Gas Compressibility Factor

$(T_A)_i$ = Wellbore Temperature (°R)

R = Specific Gas Constant

N_{GC} = Nitrogen Gas Conversion (13.8 SCF = 1 lb)

Upon completion of each specific volume/mass calculation the sum of the each interval is calculated to determine the volume/mass of nitrogen in the wellbore at the beginning of the test. After the test is complete the calculation and summation is repeated to determine the final test results.

The following equations represent the summation of the intervals to the nitrogen/brine interface at the start and completion of the test:

$$(V_I) = \sum_o^{I/F} (N_2)_i$$

$$(V_F) = \sum_o^{I/F} (N_2)_i$$

The results of the beginning and completion of the test are compared and evaluated to determine the change in nitrogen volume during the test period. The following equation is used for the comparison:

$$(\Delta V)_{STP} = (V_I) - (V_F)$$

The calculated volume/mass change is based on standard temperature and pressure and to evaluate the test results against the MDLR the calculated volume/mass change is converted to downhole conditions with the following equation:

$$(\Delta V_{WB}) = \left(\frac{[(Z_A) * (T_A) * R * (\Delta V)_{STP}]}{[(P_A) * N_{GC}]} \right)$$

Where:

(ΔV_{WB}) = Nitrogen Volume Change (ft^3) – Wellbore Conditions

(Z_A) = Average Gas Compressibility Factor for Test Period

(T_A) = Average Wellbore Temperature (°R) for Test Period

R = Specific Gas Constant

$(\Delta V)_{STP}$ = Nitrogen Volume Change (SCF) – Standard Conditions

(P_A) = Average Wellbore Pressure for Test Period (psi)

N_{GC} = Nitrogen Gas Conversion (13.8 SCF = 1 lb)

The change in wellbore volume for the test period is converted into a calculated annual volume change. The following

equation determines this volume change:

$$(\Delta V_{ANNUAL}) = \frac{[(\Delta V_{WB}) * 24(hr/day) * 365(day/yr)]}{T_L}$$

Where:

(ΔV_{ANNUAL}) = Calculated Volume Change (bbls/year)

(ΔV_{WB}) = Nitrogen Volume Change (ft^3) – Wellbore Conditions

(T_L) = Test Length (hrs)

A positive change in wellbore volume indicates a calculated loss of nitrogen from the wellbore during the test period. A negative change in wellbore volume indicates a calculated increase (apparent nitrogen influx) in nitrogen volume during the test period.

Pass/Fail Criteria

Test results are evaluated for a successful test using the following criteria:

- MDLR less than 1000 bbls/day
- Calculated Annual Volume Change less than the MDLR
- Pressure response, wellbore temperature, and interface movement should respond in a way that represents the cavern has mechanical integrity

Test Reporting

A written report will be prepared within 30 days of completion and submitted to the Oil Conservation Division of New Mexico. The report will include the test procedures, test chronology, test results and conclusions, wireline logs, pressure information, and all supporting documentation.

LONQUIST FIELD SERVICE

WELL TEST

Western Refining Company, LP
Well No. 4
Mechanical Integrity Test

Project No.: F143

Date: August 2007

Well: No. 4	State: New Mexico	County: LEA	Field: Jal Station
API: 30-025-35957	Oper: Western Refining Company, LP	Location: Jal	Status: State LPG Well

TEST PLANNING SHEET

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
Parish:	Lea
Field:	Jal Station
Serial Number:	30-025-35957
UIC Number	0

WELL INFORMATION

Cemented Casing			Casing Liner		
Casing Size	9 5/8	inches	Casing Size	7	inches
Casing ID	8.921	inches	Casing ID	6.366	inches
Casing Weight	36	lbs/ft	Casing Weight	23	lbs/ft
Grade			Grade	J-55	
Depth	1666	feet	Depth	1584	feet

Hanging String No. 1			Hanging String No. 2		
Casing Size	4 1/2	inches	Casing Size		inches
Casing ID	4	inches	Casing ID		inches
Casing Weight	11.6	lbs/ft	Casing Weight		lbs/ft
Grade	J-55		Grade		
Depth	2568	feet	Depth		feet

Cavern		
Cavern Size	80,000	bbls
Compressibility	0.24	bbls/psi
Cavern TD	2489	feet

TEST INFORMATION

Effective Casing Shoe	1666	feet	Casing Shoe Pressure	1332.80	psi
Test Gradient	0.8	psi/ft	Interface Pressure	1333.36	psi
Brine Specific Gravity	1.2		Surface Tubing Pressure	461.47	psi
Nitrogen Temperature	65	deg F	Surface Annulus Pressure	1259.59	psi
Interface Depth	1678	feet	Pressure Increase	708.62	psi
Gas Compressibility	1.0010		Conversion	14.70	psi

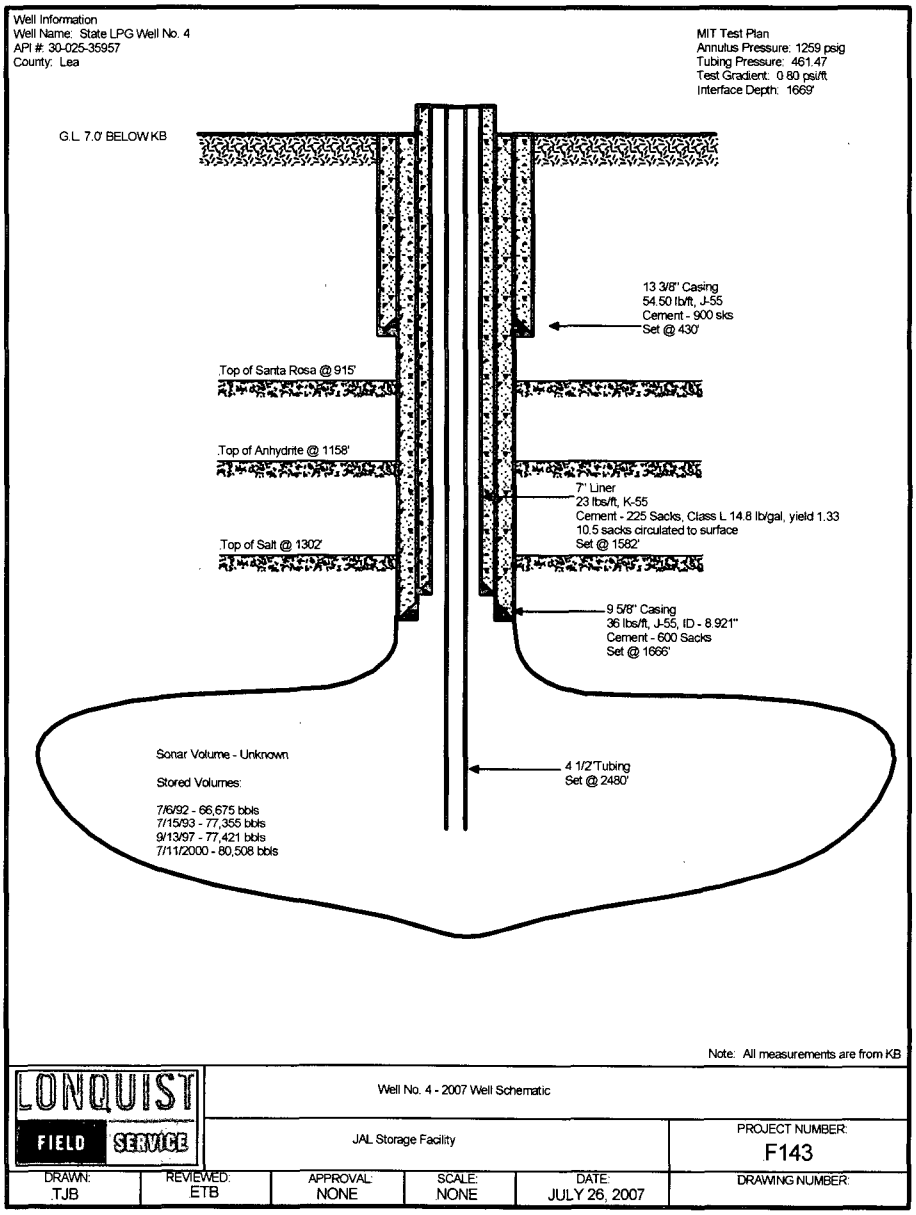
Volume			Nitrogen		
Annular Volume No. 1	0.030	bbls/ft	Surface to Casing Shoe	25837.95	SCF
Annular Volume No. 2	0.058	bbls/ft	Casing Shoe to Interface	61574.47	SCF
Surface to Liner Shoe	47.061	bbls	Total	87412.42	SCF
Surface to Casing Shoe	4.726	bbls	**Brine**		
Casing Shoe to Interface	120	bbls	Cavern Pre-Pressure	-247.15	psi
Total	171.787	bbls	Brine Injection	-59.92	bbls

PREPARED BY	DATE	APPROVED BY	DATE	CLIENT APPROVAL	DATE	Client Signature
TJB	8/1/2007	ETB	8/1/2007			

LONQUIST FIELD SERVICE	**WELL TEST** **Western Refining Company, LP** **Well No. 4** **Mechanical Integrity Test**	**Project No.: F143** **Date: August 2007** **Page: 9 of 10**

Well: No. 4	**State:** New Mexico	**County:** LEA	**Field:** Jal Station
API: 30-025-35957	**Oper:** Western Refining Company, LP	**Location:** Jal	**Status:** State LPG Well

WELL SCHEMATIC



PREPARED BY	DATE	APPROVED BY	DATE	CLIENT APPROVAL	DATE	Client Signature
TJB	8/1/2007	ETB	8/1/2007			

CONTACT INFORMATION

Well Owner

Western Refining
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El Paso, TX 79905-3402

- Bruce Davis – Supervisor
  - Telephone – (915) 775-3206
  - Telephone – (915) 526-1189
  - Email – bruce.davis@westernrefining.com
- Allen S. Hains – Environmental Engineer
  - Telephone – (915) 775-5554
  - Mobile – (915) 775-5521
  - Email – allen.hains@westernrefining.com

Western Refining
PO Box 1345
Jal, New Mexico 88252

- Ken Parker – Site Manager
  - Telephone – (505) 395-2632
  - Mobile – (915) 471-1607
  - Email – ken.parker@westernrefining.com

Engineering Consultants

Lonquist Field Service, LLC
Barton Oaks Plaza I, Suite 435
901 South Mopac Expressway
Austin, Texas 78746

- Eric Busch – Operations Manager
  - Telephone – (832) 216-0785
  - Fax – (512) 732-9816
  - Email – eric@lonquistfieldservice.com
- Tadd J Busch – Underground Storage Engineer
  - Telephone – (701) 306 8580
  - Fax – (512) 732-9816
  - Email – tadd@lonquistfieldservice.com

Appendix B – Injection Pressure Data

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
9:38:00	72.01	84.88	-0.94	85.45	88.00	0.00	0.00
9:38:15	72.02	84.88	-0.97	85.45	88.02	0.00	0.00
9:38:30	72.02	84.93	-0.73	85.50	88.08	0.00	0.00
9:38:45	72.02	84.98	-0.58	85.54	88.12	0.00	0.00
9:39:00	72.03	85.02	-0.54	85.58	88.18	0.00	0.00
9:39:15	72.03	85.04	-0.53	85.62	88.20	0.00	0.00
9:39:30	72.03	85.09	-0.47	85.67	88.22	0.00	0.00
9:39:45	72.03	85.11	-0.28	85.70	88.29	0.00	0.00
9:40:00	72.02	85.13	-0.06	85.71	88.36	0.00	0.00
9:40:15	72.02	85.14	0.10	85.73	88.36	0.00	0.00
9:40:30	72.02	85.18	0.10	85.77	88.44	0.00	0.00
9:40:45	72.02	85.18	0.10	85.78	88.45	0.00	0.00
9:41:00	72.02	85.21	0.10	85.80	88.48	0.00	0.00
9:41:15	72.02	85.24	0.09	85.84	88.51	0.00	0.00
9:41:30	72.02	85.26	0.08	85.86	88.57	0.00	0.00
9:41:45	72.02	85.28	0.08	85.87	88.59	0.00	0.00
9:42:00	72.02	85.31	0.07	85.89	88.66	0.00	0.00
9:42:15	72.02	85.33	0.06	85.90	88.71	0.00	0.00
9:42:30	72.02	85.34	0.05	85.93	88.75	0.00	0.00
9:42:45	72.02	85.38	0.05	85.97	88.76	0.00	0.00
9:43:00	72.02	85.40	0.04	85.98	88.81	0.00	0.00
9:43:15	72.02	85.44	0.03	86.01	88.86	0.00	0.00
9:43:30	72.02	85.45	0.03	86.03	88.93	0.00	0.00
9:43:45	71.91	85.49	0.02	86.05	91.51	0.00	0.00
9:44:00	71.88	85.54	0.01	86.10	96.26	0.00	0.00
9:44:15	71.89	85.56	0.01	86.14	95.43	0.00	0.00
9:44:30	71.90	85.62	0.00	86.17	94.53	0.00	0.00
9:44:45	71.90	85.64	0.00	86.21	93.78	0.00	0.00
9:45:00	91.86	85.72	0.00	86.24	92.35	0.00	0.00
9:45:15	98.75	85.79	-0.01	86.32	90.13	0.00	0.00
9:45:30	111.82	85.82	-0.01	86.35	90.02	0.00	0.00
9:45:45	150.05	85.88	-0.01	86.38	89.43	0.00	0.00
9:46:00	159.96	85.93	-0.01	86.43	88.98	0.00	0.00
9:46:15	159.91	85.95	-0.01	86.47	88.93	0.00	0.00
9:46:30	168.06	85.99	-0.02	86.52	88.92	0.00	0.00
9:46:45	167.19	86.01	-0.02	86.56	88.89	0.00	0.00
9:47:00	168.33	86.05	-0.02	86.59	88.90	0.00	0.00
9:47:15	167.36	86.07	-0.02	86.63	89.09	0.00	0.00
9:47:30	166.90	86.09	-0.03	86.67	89.16	0.00	0.00
9:47:45	166.79	86.12	-0.03	86.70	89.28	0.00	0.00
9:48:00	166.53	86.14	-0.03	86.73	89.35	0.00	0.00
9:48:15	166.40	86.18	-0.03	86.76	89.43	0.00	0.00
9:48:30	166.22	86.19	-0.03	86.79	89.49	0.00	0.00

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
9:48:45	166.07	86.22	-0.03	86.82	89.55	0.00	0.00
9:49:00	165.93	86.26	-0.03	86.85	89.59	0.00	0.00
9:49:15	165.72	86.28	-0.03	86.89	89.61	0.00	0.00
9:49:30	165.56	86.32	-0.03	86.92	89.65	0.00	0.00
9:49:45	165.42	86.34	-0.03	86.95	89.67	0.00	0.00
9:50:00	165.24	86.37	-0.03	86.97	89.72	0.00	0.00
9:50:15	165.07	86.40	-0.03	87.01	89.74	0.00	0.00
9:50:30	164.93	86.43	-0.03	87.03	89.76	0.00	0.00
9:50:45	164.82	86.46	-0.03	87.06	89.79	0.00	0.00
9:51:00	164.67	86.48	-0.03	87.08	89.83	0.00	0.00
9:51:15	164.53	86.52	-0.03	87.12	89.85	0.00	0.00
9:51:30	164.37	86.55	-0.03	87.15	89.85	0.00	0.00
9:51:45	164.23	86.57	-0.03	87.18	89.87	0.00	0.00
9:52:00	164.14	86.58	-0.03	87.20	89.88	0.00	0.00
9:52:15	164.00	86.61	-0.03	87.22	89.89	0.00	0.00
9:52:30	163.85	86.64	-0.03	87.24	89.89	0.00	0.00
9:52:45	163.75	86.66	-0.03	87.26	89.90	0.00	0.00
9:53:00	163.63	86.68	-0.04	87.29	89.90	0.00	0.00
9:53:15	163.53	86.71	-0.04	87.30	89.91	0.00	0.00
9:53:30	163.44	86.72	-0.04	87.33	89.92	0.00	0.00
9:53:45	163.35	86.75	-0.04	87.35	89.92	0.00	0.00
9:54:00	163.26	86.77	-0.04	87.37	89.96	0.00	0.00
9:54:15	163.15	86.79	-0.04	87.40	89.96	0.00	0.00
9:54:30	163.03	86.82	-0.04	87.41	89.97	0.00	0.00
9:54:45	162.96	86.84	-0.04	87.44	89.98	0.00	0.00
9:55:00	162.87	86.87	-0.04	87.47	89.99	0.00	0.00
9:55:15	162.80	86.91	-0.04	87.49	89.99	0.00	0.00
9:55:30	162.69	86.95	-0.04	87.53	89.99	0.00	0.00
9:55:45	162.60	86.98	-0.04	87.55	90.01	0.00	0.00
9:56:00	162.53	87.00	-0.03	87.58	90.01	0.00	0.00
9:56:15	162.44	87.04	-0.03	87.62	90.02	0.00	0.00
9:56:30	162.39	87.09	-0.03	87.63	90.03	0.00	0.00
9:56:45	162.30	87.12	-0.04	87.68	90.04	0.00	0.00
9:57:00	162.23	87.15	-0.04	87.71	90.05	0.00	0.00
9:57:15	162.09	87.19	-0.04	87.73	90.06	0.00	0.00
9:57:30	162.04	87.23	-0.03	87.77	90.07	0.00	0.00
9:57:45	161.97	87.28	-0.03	87.81	90.09	0.00	0.00
9:58:00	161.87	87.32	-0.03	87.84	90.11	0.00	0.00
9:58:15	161.80	87.34	-0.03	87.88	90.13	0.00	0.00
9:58:30	168.27	87.39	-0.03	87.91	90.12	0.00	0.00
9:58:45	183.93	87.43	-0.03	87.94	89.96	0.00	0.00
9:59:00	207.81	87.45	-0.03	87.97	89.78	0.00	0.00
9:59:15	271.32	87.50	-0.03	87.99	89.70	0.00	0.00

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
9:59:30	270.56	87.54	-0.03	88.02	89.56	0.00	0.00
9:59:45	270.53	87.56	-0.03	88.04	89.55	0.00	0.00
10:00:00	364.81	87.59	-0.02	88.05	89.98	0.00	0.00
10:00:15	405.20	87.65	0.03	88.08	89.13	0.00	0.00
10:00:30	404.64	87.67	0.33	88.08	89.01	0.00	0.00
10:00:45	408.79	87.68	0.33	88.11	89.00	0.00	0.00
10:01:00	409.05	87.69	0.73	88.12	88.89	0.00	0.00
10:01:15	411.21	87.69	1.13	88.13	88.88	0.00	0.00
10:01:30	410.39	87.69	1.40	88.14	88.90	0.00	0.00
10:01:45	409.53	87.69	1.47	88.15	88.97	0.00	0.00
10:02:00	409.33	87.70	1.48	88.16	89.06	0.00	0.00
10:02:15	408.93	87.70	1.48	88.17	89.16	0.00	0.00
10:02:30	408.43	87.70	1.48	88.18	89.22	0.00	0.00
10:02:45	408.23	87.71	1.48	88.20	89.36	0.00	0.00
10:03:00	407.94	87.73	1.47	88.22	89.36	0.00	0.00
10:03:15	407.65	87.74	1.47	88.24	89.44	0.00	0.00
10:03:30	407.35	87.75	1.47	88.25	89.50	0.00	0.00
10:03:45	407.00	87.77	1.47	88.27	89.53	0.00	0.00
10:04:00	406.70	87.78	1.47	88.27	89.58	0.00	0.00
10:04:15	406.37	87.79	1.46	88.30	89.59	0.00	0.00
10:04:30	406.07	87.80	1.46	88.31	89.62	0.00	0.00
10:04:45	405.75	87.81	1.46	88.32	89.70	0.00	0.00
10:05:00	405.24	87.82	1.46	88.32	89.71	0.00	0.00
10:05:15	404.99	87.83	1.46	88.33	89.75	0.00	0.00
10:05:30	404.55	87.85	1.46	88.36	89.76	0.00	0.00
10:05:45	404.49	87.87	1.45	88.38	89.78	0.00	0.00
10:06:00	404.32	87.89	1.45	88.40	89.80	0.00	0.00
10:06:15	404.15	87.92	1.45	88.42	89.82	0.00	0.00
10:06:30	403.94	87.96	1.45	88.44	89.92	0.00	0.00
10:06:45	403.64	87.99	1.45	88.47	89.93	0.00	0.00
10:07:00	403.40	88.03	1.45	88.49	89.95	0.00	0.00
10:07:15	403.32	88.05	1.45	88.53	89.96	0.00	0.00
10:07:30	403.19	88.09	1.45	88.56	90.03	0.00	0.00
10:07:45	403.10	88.13	1.45	88.60	90.07	0.00	0.00
10:08:00	402.93	88.16	1.45	88.63	90.09	0.00	0.00
10:08:15	402.71	88.19	1.45	88.66	90.11	0.00	0.00
10:08:30	402.48	88.23	1.45	88.69	90.13	0.00	0.00
10:08:45	402.20	88.26	1.45	88.72	90.13	0.00	0.00
10:09:00	402.00	88.31	1.45	88.76	90.15	0.00	0.00
10:09:15	401.82	88.33	1.45	88.80	90.19	0.00	0.00
10:09:30	479.23	88.40	1.46	88.83	90.49	0.00	0.00
10:09:45	607.98	88.49	1.46	88.86	89.79	0.00	0.00
10:10:00	701.50	88.57	1.46	88.89	89.03	0.00	0.00

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
10:10:15	741.90	88.64	1.46	88.93	88.31	0.00	0.00
10:10:30	733.95	88.68	1.46	88.95	88.31	0.00	0.00
10:10:45	729.17	88.68	1.45	88.99	88.39	0.00	0.00
10:11:00	730.00	88.71	1.45	89.00	88.53	0.00	0.00
10:11:15	727.76	88.72	1.66	89.03	88.70	0.00	0.00
10:11:30	726.75	88.74	1.74	89.06	88.85	0.00	0.00
10:11:45	726.11	88.75	1.80	89.08	88.99	0.00	0.00
10:12:00	725.25	88.76	1.80	89.11	89.10	0.00	0.00
10:12:15	724.60	88.78	1.90	89.12	89.23	0.00	0.00
10:12:30	724.07	88.79	1.94	89.14	89.30	0.00	0.00
10:12:45	723.53	88.80	1.94	89.17	89.36	0.00	0.00
10:13:00	723.20	88.82	1.95	89.19	89.43	0.00	0.00
10:13:15	722.80	88.82	1.95	89.21	89.49	0.00	0.00
10:13:30	722.23	88.84	1.95	89.23	89.55	0.00	0.00
10:13:45	721.81	88.86	1.95	89.25	89.63	0.00	0.00
10:14:00	721.45	88.89	1.95	89.28	89.67	0.00	0.00
10:14:15	721.16	88.92	1.95	89.31	89.70	0.00	0.00
10:14:30	720.80	88.96	1.95	89.34	89.75	0.00	0.00
10:14:45	720.53	88.99	2.02	89.38	89.77	0.00	0.00
10:15:00	720.24	89.04	2.49	89.42	89.85	0.00	0.00
10:15:15	719.93	89.07	3.10	89.46	89.86	0.00	0.00
10:15:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:15:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:16:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:16:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:16:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:16:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:17:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:17:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:17:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:17:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:18:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:18:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:18:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:18:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:19:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:19:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:19:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:19:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:20:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:20:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:20:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:20:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
10:21:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:21:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:21:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:21:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:22:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:22:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:22:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:22:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:23:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:23:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:23:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:23:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:24:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:24:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:24:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:24:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:25:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:25:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:25:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:25:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:26:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:26:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:26:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:26:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:27:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:27:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:27:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:27:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:28:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:28:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:28:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:28:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:29:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:29:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:29:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:29:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:30:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:30:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:30:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:30:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:31:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:31:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:31:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
10:31:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:32:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:32:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:32:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:32:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:33:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:33:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:33:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:33:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:34:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:34:15	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:34:30	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:34:45	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:35:00	719.71	89.14	3.71	89.49	89.97	0.00	0.00
10:35:15	709.12	90.69	15.33	91.09	103.48	0.00	0.00
10:35:30	709.05	90.69	15.21	91.09	103.35	0.00	0.00
10:35:45	708.91	90.68	15.10	91.08	103.16	0.00	0.00
10:36:00	708.80	90.67	14.99	91.06	102.98	0.00	0.00
10:36:15	708.68	90.65	14.86	91.04	102.71	0.00	0.00
10:36:30	708.57	90.64	14.74	91.04	102.54	0.00	0.00
10:36:45	708.44	90.64	14.64	91.03	102.40	0.00	0.00
10:37:00	708.34	90.63	14.54	91.02	102.24	0.00	0.00
10:37:15	708.26	90.63	14.42	91.01	102.06	0.00	0.00
10:37:30	708.14	90.63	14.27	91.01	101.87	0.00	0.00
10:37:45	707.92	90.63	13.79	91.00	101.69	0.00	0.00
10:38:00	707.82	90.63	13.67	91.00	101.54	0.00	0.00
10:38:15	707.71	90.63	13.55	90.99	101.37	0.00	0.00
10:38:30	707.65	90.63	13.41	90.99	101.22	0.00	0.00
10:38:45	707.56	90.63	13.28	90.98	101.08	0.00	0.00
10:39:00	707.44	90.62	13.16	90.98	100.93	0.00	0.00
10:39:15	707.29	90.62	12.99	90.97	100.76	0.00	0.00
10:39:30	707.20	90.62	12.88	90.97	100.63	0.00	0.00
10:39:45	707.09	90.62	12.73	90.96	100.52	0.00	0.00
10:40:00	707.02	90.62	12.59	90.96	100.42	0.00	0.00
10:40:15	706.96	90.63	12.48	90.97	100.25	0.00	0.00
10:40:30	706.90	90.65	12.34	90.97	100.14	0.00	0.00
10:40:45	706.64	90.67	12.21	90.99	100.06	0.00	0.00
10:41:00	706.55	90.69	12.07	90.99	99.94	0.00	0.00
10:41:15	706.47	90.72	11.89	91.01	99.86	0.00	0.00
10:41:30	706.42	90.73	11.78	91.03	99.78	0.00	0.00
10:41:45	706.36	90.77	11.62	91.06	99.66	0.00	0.00
10:42:00	706.28	90.79	11.48	91.08	99.60	0.00	0.00
10:42:15	706.23	90.83	11.35	91.12	99.50	0.00	0.00

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
10:42:30	706.17	90.86	11.21	91.15	99.41	0.00	0.00
10:42:45	706.07	90.90	11.05	91.19	99.33	0.00	0.00
10:43:00	706.02	90.95	10.97	91.22	99.23	0.00	0.00
10:43:15	705.95	90.99	10.89	91.26	99.14	0.00	0.00
10:43:30	705.79	91.02	10.82	91.29	99.10	0.00	0.00
10:43:45	705.69	91.06	10.72	91.34	98.99	0.00	0.00
10:44:00	705.64	91.09	10.66	91.37	98.92	0.00	0.00
10:44:15	705.60	91.13	10.57	91.41	98.79	0.00	0.00
10:44:30	705.53	91.16	10.51	91.44	98.78	0.00	0.00
10:44:45	705.46	91.21	10.42	91.48	98.68	0.00	0.00
10:45:00	705.40	91.23	10.36	91.51	98.62	0.00	0.00
10:45:15	705.32	91.26	10.27	91.55	98.54	0.00	0.00
10:45:30	705.24	91.29	10.20	91.57	98.50	0.00	0.00
10:45:45	705.14	91.32	10.13	91.62	98.44	0.00	0.00
10:46:00	705.07	91.34	10.08	91.64	98.36	0.00	0.00
10:46:15	704.96	91.37	10.00	91.68	98.31	0.00	0.00
10:46:30	704.92	91.39	9.92	91.71	98.25	0.00	0.00
10:46:45	704.88	91.41	9.25	91.74	98.15	0.00	0.00
10:47:00	704.86	91.44	9.15	91.77	98.11	0.00	0.00
10:47:15	704.82	91.47	9.03	91.79	98.05	0.00	0.00
10:47:30	704.74	91.49	8.93	91.83	98.02	0.00	0.00
10:47:45	704.69	91.52	8.83	91.86	97.98	0.00	0.00
10:48:00	704.62	91.55	8.69	91.89	97.93	0.00	0.00
10:48:15	704.53	91.59	8.53	91.94	97.88	0.00	0.00
10:48:30	704.48	91.63	8.45	91.97	97.85	0.00	0.00
10:48:45	704.38	91.66	8.32	92.01	97.79	0.00	0.00
10:49:00	704.32	91.69	8.21	92.04	97.75	0.00	0.00
10:49:15	704.27	91.73	8.10	92.08	97.68	0.00	0.00
10:49:30	704.20	91.75	7.98	92.12	97.65	0.00	0.00
10:49:45	704.16	91.79	7.86	92.14	97.62	0.00	0.00
10:50:00	704.09	91.82	7.74	92.18	97.57	0.00	0.00
10:50:15	704.05	91.84	7.61	92.21	97.53	0.00	0.00
10:50:30	703.87	91.85	7.50	92.24	97.48	0.00	0.00
10:50:45	703.77	91.88	7.39	92.26	97.42	0.00	0.00
10:51:00	703.70	91.89	7.28	92.28	97.37	0.00	0.00
10:51:15	703.56	91.92	7.16	92.31	97.32	0.00	0.00
10:51:30	703.42	91.94	7.07	92.36	97.27	0.00	0.00
10:51:45	703.36	91.97	6.95	92.36	97.25	0.00	0.00
10:52:00	703.25	91.99	6.85	92.38	97.21	0.00	0.00
10:52:15	703.14	92.03	6.72	92.40	97.19	0.00	0.00
10:52:30	703.06	92.04	6.64	92.42	97.16	0.00	0.00
10:52:45	702.99	92.08	6.52	92.44	97.11	0.00	0.00
10:53:00	702.88	92.10	6.42	92.47	97.08	0.00	0.00

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
10:53:15	702.83	92.11	6.33	92.50	97.04	0.00	0.00
10:53:30	702.74	92.13	6.24	92.50	96.99	0.00	0.00
10:53:45	702.68	92.14	6.15	92.53	96.94	0.00	0.00
10:54:00	702.62	92.16	6.06	92.54	96.44	0.00	0.00
10:54:15	702.55	92.17	5.96	92.55	94.88	0.00	0.00
10:54:30	702.48	92.18	5.86	92.58	95.00	0.00	0.00
10:54:45	702.39	92.20	5.78	92.58	95.22	0.00	0.00
10:55:00	702.32	92.22	5.71	92.60	95.37	0.00	0.00
10:55:15	702.22	92.24	5.60	92.61	95.46	0.00	0.00
10:55:30	702.14	92.27	5.51	92.63	95.54	0.00	0.00
10:55:45	702.03	92.29	5.45	92.66	95.54	0.00	446.18
10:56:00	701.97	92.32	5.36	92.67	95.43	0.00	446.18
10:56:15	701.91	92.35	5.26	92.69	95.36	0.00	446.22
10:56:30	701.79	92.39	5.21	92.72	95.35	119.15	471.00
10:56:45	701.72	92.42	5.12	92.74	95.27	354.51	501.78
10:57:00	701.68	92.44	5.05	92.77	95.25	446.15	611.65
10:57:15	701.65	92.48	4.96	92.80	95.15	405.35	727.65
10:57:30	701.62	92.51	4.88	92.82	95.08	0.00	750.47
10:57:45	701.57	92.54	4.80	92.85	95.05	0.00	750.47
10:58:00	701.52	92.57	4.75	92.87	95.05	0.00	750.47
10:58:15	701.43	92.61	4.68	92.91	95.05	0.00	750.47
10:58:30	701.35	92.64	4.62	92.93	95.10	0.00	750.47
10:58:45	701.27	92.67	4.55	92.96	95.14	0.00	750.47
10:59:00	701.20	92.70	4.47	93.00	95.20	0.00	750.47
10:59:15	701.10	92.72	4.40	93.02	95.19	0.00	750.47
10:59:30	701.03	92.75	4.36	93.03	95.22	0.00	750.47
10:59:45	700.94	92.78	4.28	93.06	95.26	0.00	750.47
11:00:00	700.90	92.80	4.22	93.09	95.33	0.00	750.47
11:00:15	700.81	92.84	4.16	93.12	95.42	0.00	750.47
11:00:30	700.76	92.86	4.10	93.15	95.50	0.00	750.47
11:00:45	700.69	92.89	4.04	93.17	95.58	0.00	750.47
11:01:00	700.65	92.93	3.97	93.20	95.69	0.00	750.47
11:01:15	700.54	92.95	3.93	93.23	95.84	0.00	750.47
11:01:30	700.49	92.98	3.88	93.25	95.97	0.00	750.47
11:01:45	700.43	93.00	3.83	93.28	96.11	0.00	750.47
11:02:00	700.39	93.02	3.78	93.31	96.21	0.00	750.47
11:02:15	700.31	93.05	3.72	93.34	96.34	0.00	750.47
11:02:30	700.29	93.07	3.68	93.36	96.44	0.00	750.47
11:02:45	700.20	93.09	3.62	93.39	96.50	1.21	750.51
11:03:00	700.15	93.11	3.57	93.41	96.59	0.00	750.51
11:03:15	700.10	93.14	3.52	93.44	96.63	0.00	750.51
11:03:30	700.02	93.16	3.47	93.46	96.69	0.00	750.51
11:03:45	699.96	93.19	3.43	93.49	96.76	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
11:04:00	699.89	93.22	3.38	93.51	96.81	0.00	750.51
11:04:15	699.81	93.24	3.34	93.54	96.89	0.00	750.51
11:04:30	699.72	93.26	3.31	93.57	96.93	0.00	750.51
11:04:45	699.67	93.30	3.26	93.60	96.99	0.00	750.51
11:05:00	699.58	93.33	3.23	93.62	97.07	0.00	750.51
11:05:15	699.48	93.36	3.18	93.65	97.14	0.00	750.51
11:05:30	699.41	93.38	3.15	93.68	97.17	0.00	750.51
11:05:45	699.33	93.41	3.10	93.71	97.23	0.00	750.51
11:06:00	699.29	93.45	3.06	93.74	97.32	0.00	750.51
11:06:15	699.22	93.49	3.03	93.77	97.37	0.00	750.51
11:06:30	699.16	93.52	3.00	93.82	97.40	0.00	750.51
11:06:45	699.08	93.57	2.96	93.86	97.51	0.00	750.51
11:07:00	699.02	93.62	2.93	93.89	97.55	0.00	750.51
11:07:15	698.96	93.66	2.90	93.93	97.60	0.00	750.51
11:07:30	698.93	93.71	2.87	93.98	97.65	0.00	750.51
11:07:45	698.86	93.76	2.83	94.01	97.70	0.00	750.51
11:08:00	698.80	93.80	2.80	94.05	97.76	0.00	750.51
11:08:15	698.73	93.85	2.76	94.11	97.84	0.00	750.51
11:08:30	698.69	93.87	2.73	94.14	97.85	0.00	750.51
11:08:45	698.64	93.91	2.70	94.18	97.87	0.00	750.51
11:09:00	698.58	93.94	2.68	94.20	97.91	0.00	750.51
11:09:15	698.52	93.97	2.65	94.24	97.93	0.00	750.51
11:09:30	698.44	94.00	2.62	94.27	97.96	0.00	750.51
11:09:45	698.39	94.03	2.59	94.29	97.99	0.00	750.51
11:10:00	698.33	94.07	2.55	94.33	98.04	0.00	750.51
11:10:15	698.26	94.10	2.53	94.37	98.06	0.00	750.51
11:10:30	698.19	94.13	2.49	94.41	98.09	0.00	750.51
11:10:45	698.14	94.17	2.46	94.43	98.11	0.00	750.51
11:11:00	698.09	94.20	2.45	94.47	98.13	0.00	750.51
11:11:15	698.04	94.23	2.42	94.50	98.14	0.00	750.51
11:11:30	697.98	94.25	2.39	94.53	98.14	0.00	750.51
11:11:45	697.91	94.29	2.37	94.55	98.14	0.00	750.51
11:12:00	697.88	94.31	2.36	94.58	98.14	0.00	750.51
11:12:15	697.80	94.33	2.35	94.62	98.13	0.00	750.51
11:12:30	697.76	94.36	2.35	94.63	98.13	0.00	750.51
11:12:45	697.67	94.38	2.35	94.66	98.12	0.00	750.51
11:13:00	697.62	94.40	2.34	94.68	98.10	0.00	750.51
11:13:15	697.54	94.42	2.34	94.70	98.09	0.00	750.51
11:13:30	697.48	94.43	2.33	94.71	98.07	0.00	750.51
11:13:45	697.45	94.45	2.33	94.73	98.06	0.00	750.51
11:14:00	697.37	94.45	2.33	94.74	98.05	0.00	750.51
11:14:15	697.30	94.47	2.33	94.75	98.02	0.00	750.51
11:14:30	697.21	94.48	2.33	94.76	97.99	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
11:14:45	697.33	94.49	4.79	94.78	97.97	0.00	750.51
11:15:00	697.19	94.49	22.40	94.83	97.96	0.00	750.51
11:15:15	697.21	94.50	23.45	94.90	97.92	0.00	750.51
11:15:30	697.28	94.52	27.25	94.95	97.89	0.00	750.51
11:15:45	697.36	94.53	30.62	94.98	97.87	0.00	750.51
11:16:00	697.45	94.54	35.16	94.99	97.84	0.00	750.51
11:16:15	697.55	94.54	40.11	95.00	97.81	0.00	750.51
11:16:30	697.64	94.55	44.06	95.01	97.78	0.00	750.51
11:16:45	697.66	94.55	48.15	95.01	97.73	0.00	750.51
11:17:00	697.67	94.55	52.57	95.01	97.71	0.00	750.51
11:17:15	697.61	94.54	56.50	95.01	97.69	0.00	750.51
11:17:30	697.57	94.54	60.57	95.00	97.67	0.00	750.51
11:17:45	697.51	94.52	65.76	94.99	97.62	0.00	750.51
11:18:00	697.46	94.51	69.37	94.99	97.59	0.00	750.51
11:18:15	697.39	94.50	73.99	94.98	97.58	0.00	750.51
11:18:30	697.35	94.49	78.90	94.97	97.56	0.00	750.51
11:18:45	697.27	94.49	82.86	94.96	97.55	0.00	750.51
11:19:00	697.20	94.48	87.38	94.95	97.55	0.00	750.51
11:19:15	697.11	94.48	93.04	94.94	97.55	0.00	750.51
11:19:30	697.04	94.49	95.88	94.94	97.54	0.00	750.51
11:19:45	696.96	94.50	100.91	94.94	97.54	0.00	750.51
11:20:00	696.86	94.50	104.65	94.94	97.54	0.00	750.51
11:20:15	696.80	94.52	109.22	94.94	97.54	0.00	750.51
11:20:30	696.73	94.54	113.82	94.95	97.54	0.00	750.51
11:20:45	696.62	94.57	117.91	94.95	97.53	0.00	750.51
11:21:00	696.58	94.59	121.57	94.96	97.54	0.00	750.51
11:21:15	696.47	94.60	126.60	94.97	97.55	0.00	750.51
11:21:30	696.41	94.60	129.48	94.98	97.55	0.00	750.51
11:21:45	696.30	94.62	133.78	94.99	97.56	0.00	750.51
11:22:00	696.26	94.63	136.09	95.00	97.57	0.00	750.51
11:22:15	696.19	94.66	139.62	95.01	97.59	0.00	750.51
11:22:30	696.09	94.67	143.06	95.02	97.61	0.00	750.51
11:22:45	696.04	94.69	145.81	95.04	97.63	0.00	750.51
11:23:00	695.98	94.72	148.62	95.06	97.66	0.00	750.51
11:23:15	695.88	94.75	150.70	95.08	97.67	0.00	750.51
11:23:30	695.77	94.77	74.81	95.10	97.68	0.00	750.51
11:23:45	695.66	94.81	155.49	95.13	97.69	0.00	750.51
11:24:00	695.55	94.83	141.10	95.15	97.70	0.00	750.51
11:24:15	695.46	94.86	150.24	95.17	97.72	0.00	750.51
11:24:30	695.38	94.88	150.50	95.19	97.74	0.00	750.51
11:24:45	695.23	94.90	146.00	95.21	97.76	0.00	750.51
11:25:00	695.18	94.93	146.23	95.24	97.76	0.00	750.51
11:25:15	695.12	94.95	147.25	95.25	97.79	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
11:25:30	695.10	94.98	147.19	95.28	97.80	0.00	750.51
11:25:45	695.01	95.01	146.96	95.30	97.81	0.00	750.51
11:26:00	694.94	95.04	146.93	95.33	97.82	0.00	750.51
11:26:15	694.84	95.06	146.96	95.35	97.84	0.00	750.51
11:26:30	694.78	95.09	146.93	95.37	97.85	0.00	750.51
11:26:45	694.65	95.12	146.93	95.40	97.88	0.00	750.51
11:27:00	694.60	95.14	146.92	95.42	97.91	0.00	750.51
11:27:15	694.48	95.16	146.91	95.44	97.94	0.00	750.51
11:27:30	694.37	95.18	146.90	95.45	97.96	0.00	750.51
11:27:45	694.31	95.20	146.89	95.47	98.00	0.00	750.51
11:28:00	694.24	95.22	146.88	95.50	98.02	0.00	750.51
11:28:15	694.12	95.25	146.86	95.52	98.05	0.00	750.51
11:28:30	694.03	95.28	146.85	95.54	98.09	0.00	750.51
11:28:45	693.92	95.31	146.84	95.57	98.12	0.00	750.51
11:29:00	693.82	95.35	146.84	95.60	98.13	0.00	750.51
11:29:15	693.77	95.41	146.82	95.64	98.17	0.00	750.51
11:29:30	693.68	95.44	146.81	95.67	98.20	0.00	750.51
11:29:45	693.60	95.48	146.80	95.71	98.23	0.00	750.51
11:30:00	693.54	95.52	146.88	95.74	98.29	0.00	750.51
11:30:15	693.44	95.56	146.14	95.77	98.32	0.00	750.51
11:30:30	693.38	95.60	146.63	95.80	98.33	0.00	750.51
11:30:45	693.30	95.63	146.75	95.84	98.36	0.00	750.51
11:31:00	693.23	95.66	146.76	95.87	98.36	0.00	750.51
11:31:15	693.17	95.69	146.75	95.89	98.35	0.00	750.51
11:31:30	693.06	95.72	146.63	95.92	98.39	0.00	750.51
11:31:45	692.92	95.76	146.81	95.96	98.40	0.00	750.51
11:32:00	692.85	95.78	146.80	95.98	98.41	0.00	750.51
11:32:15	692.71	95.80	146.80	96.01	98.40	0.00	750.51
11:32:30	692.63	95.83	146.80	96.04	98.41	0.00	750.51
11:32:45	692.49	95.85	146.79	96.06	98.43	0.00	750.51
11:33:00	692.41	95.88	146.79	96.09	98.45	0.00	750.51
11:33:15	692.34	95.90	146.78	96.12	98.47	0.00	750.51
11:33:30	692.21	95.93	146.83	96.14	98.47	0.00	750.51
11:33:45	692.05	95.95	146.80	96.18	98.48	0.00	750.51
11:34:00	691.99	95.97	146.79	96.19	98.50	0.00	750.51
11:34:15	691.92	95.99	146.78	96.22	98.51	0.00	750.51
11:34:30	691.86	96.01	146.78	96.25	98.50	0.00	750.51
11:34:45	691.80	96.03	146.77	96.27	98.54	0.00	750.51
11:35:00	691.71	96.05	146.76	96.29	98.55	0.00	750.51
11:35:15	691.67	96.09	146.76	96.33	98.55	0.00	750.51
11:35:30	691.61	96.11	146.75	96.34	98.57	0.00	750.51
11:35:45	691.46	96.13	146.75	96.37	98.57	0.00	750.51
11:36:00	691.40	96.16	146.75	96.40	98.59	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
11:36:15	691.34	96.19	146.74	96.41	98.60	0.00	750.51
11:36:30	691.26	96.21	146.73	96.44	98.61	0.00	750.51
11:36:45	691.19	96.23	146.73	96.46	98.61	0.00	750.51
11:37:00	691.07	96.25	146.72	96.48	98.62	0.00	750.51
11:37:15	690.98	96.26	146.72	96.50	98.63	0.00	750.51
11:37:30	690.87	96.28	146.71	96.51	98.63	0.00	750.51
11:37:45	690.79	96.28	146.71	96.52	98.64	0.00	750.51
11:38:00	690.73	96.29	146.70	96.54	98.66	0.00	750.51
11:38:15	690.60	96.30	146.69	96.55	98.66	0.00	750.51
11:38:30	690.47	96.31	146.68	96.57	98.67	0.00	750.51
11:38:45	690.33	96.33	146.68	96.59	98.69	0.00	750.51
11:39:00	690.22	96.35	146.68	96.61	98.70	0.00	750.51
11:39:15	690.10	96.37	146.68	96.63	98.71	0.00	750.51
11:39:30	689.92	96.39	146.67	96.66	98.73	0.00	750.51
11:39:45	689.85	96.41	146.67	96.67	98.74	0.00	750.51
11:40:00	689.73	96.44	146.66	96.70	98.75	0.00	750.51
11:40:15	689.61	96.45	146.66	96.72	98.77	0.00	750.51
11:40:30	689.55	96.47	146.65	96.74	98.79	0.00	750.51
11:40:45	689.40	96.48	146.65	96.76	98.80	0.00	750.51
11:41:00	689.30	96.50	146.64	96.78	98.80	0.00	750.51
11:41:15	689.15	96.51	146.63	96.79	98.80	0.00	750.51
11:41:30	689.08	96.51	146.63	96.80	98.80	0.00	750.51
11:41:45	688.97	96.51	146.63	96.81	98.80	0.00	750.51
11:42:00	688.84	96.51	146.62	96.81	98.80	0.00	750.51
11:42:15	688.75	96.50	146.62	96.82	98.79	0.00	750.51
11:42:30	688.57	96.50	146.61	96.82	98.79	0.00	750.51
11:42:45	688.50	96.49	146.61	96.82	98.78	0.00	750.51
11:43:00	688.45	96.47	146.60	96.82	98.78	0.00	750.51
11:43:15	688.38	96.47	146.60	96.81	98.78	0.00	750.51
11:43:30	688.32	96.45	146.59	96.81	98.79	0.00	750.51
11:43:45	688.25	96.44	146.58	96.80	98.80	0.00	750.51
11:44:00	688.17	96.42	146.58	96.79	98.80	0.00	750.51
11:44:15	688.06	96.41	146.58	96.79	98.81	0.00	750.51
11:44:30	688.01	96.40	146.58	96.78	98.80	0.00	750.51
11:44:45	687.96	96.39	146.58	96.78	98.81	0.00	750.51
11:45:00	687.87	96.38	146.58	96.77	98.81	0.00	750.51
11:45:15	687.78	96.38	146.57	96.76	98.81	0.00	750.51
11:45:30	687.72	96.37	146.57	96.76	98.80	0.00	750.51
11:45:45	687.65	96.36	146.60	96.75	98.79	0.00	750.51
11:46:00	687.56	96.34	146.85	96.74	98.77	0.00	750.51
11:46:15	687.51	96.31	146.53	96.73	98.76	0.00	750.51
11:46:30	687.49	96.30	146.50	96.72	98.74	0.00	750.51
11:46:45	687.39	96.28	146.46	96.70	98.72	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
11:47:00	687.35	96.27	146.45	96.70	98.71	0.00	750.51
11:47:15	687.26	96.25	146.42	96.68	98.69	0.00	750.51
11:47:30	687.22	96.23	146.27	96.67	98.67	0.00	750.51
11:47:45	687.15	96.22	146.39	96.66	98.66	0.00	750.51
11:48:00	687.10	96.21	146.40	96.65	98.65	0.00	750.51
11:48:15	687.00	96.21	146.40	96.64	98.65	0.00	750.51
11:48:30	686.87	96.20	146.40	96.63	98.63	0.00	750.51
11:48:45	686.79	96.20	146.39	96.63	98.62	0.00	750.51
11:49:00	686.71	96.19	146.39	96.63	98.62	0.00	750.51
11:49:15	686.63	96.19	146.39	96.62	98.62	0.00	750.51
11:49:30	686.55	96.20	146.39	96.62	98.63	0.00	750.51
11:49:45	686.47	96.20	146.38	96.62	98.63	0.00	750.51
11:50:00	686.30	96.20	146.38	96.62	98.62	0.00	750.51
11:50:15	686.23	96.20	146.38	96.62	98.61	0.00	750.51
11:50:30	686.16	96.20	146.37	96.62	98.60	0.00	750.51
11:50:45	686.07	96.19	146.37	96.62	98.59	0.00	750.51
11:51:00	686.03	96.19	146.36	96.62	98.56	0.00	750.51
11:51:15	686.00	96.18	146.36	96.61	98.55	0.00	750.51
11:51:30	685.91	96.18	146.36	96.60	98.54	0.00	750.51
11:51:45	685.89	96.18	146.35	96.60	98.52	0.00	750.51
11:52:00	685.85	96.17	146.35	96.59	98.50	0.00	750.51
11:52:15	685.79	96.16	146.35	96.58	98.48	0.00	750.51
11:52:30	685.77	96.14	146.34	96.57	98.45	0.00	750.51
11:52:45	685.74	96.13	146.34	96.56	98.42	0.00	750.51
11:53:00	685.72	96.11	146.33	96.54	98.40	0.00	750.51
11:53:15	685.68	96.08	146.33	96.53	98.34	0.00	750.51
11:53:30	685.62	96.06	146.33	96.50	98.31	0.00	750.51
11:53:45	685.55	96.02	146.33	96.47	98.24	0.00	750.51
11:54:00	685.50	95.98	146.32	96.45	98.17	0.00	750.51
11:54:15	685.43	95.95	146.32	96.41	98.14	0.00	750.51
11:54:30	685.36	95.91	146.32	96.39	98.10	0.00	750.51
11:54:45	685.30	95.86	146.31	96.35	98.06	0.00	750.51
11:55:00	685.18	95.81	146.31	96.32	97.99	0.00	750.51
11:55:15	685.13	95.78	146.30	96.27	97.93	0.00	750.51
11:55:30	685.10	95.74	146.30	96.24	97.89	0.00	750.51
11:55:45	685.05	95.69	146.29	96.20	97.83	0.00	750.51
11:56:00	685.02	95.65	146.29	96.16	97.76	0.00	750.51
11:56:15	684.98	95.60	146.29	96.11	97.73	0.00	750.51
11:56:30	684.94	95.56	146.29	96.07	97.67	0.00	750.51
11:56:45	684.91	95.51	146.29	96.02	97.60	0.00	750.51
11:57:00	684.87	95.46	146.28	95.99	97.52	0.00	750.51
11:57:15	684.80	95.41	146.28	95.95	97.50	0.00	750.51
11:57:30	684.77	95.38	146.27	95.92	97.47	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
11:57:45	684.70	95.34	146.27	95.87	97.40	0.00	750.51
11:58:00	684.65	95.30	146.27	95.84	97.37	0.00	750.51
11:58:15	684.57	95.25	146.27	95.79	97.34	0.00	750.51
11:58:30	684.54	95.21	146.27	95.76	97.30	0.00	750.51
11:58:45	684.49	95.16	146.26	95.72	97.27	0.00	750.51
11:59:00	684.45	95.12	146.26	95.69	97.25	0.00	750.51
11:59:15	684.40	95.08	146.25	95.64	97.21	0.00	750.51
11:59:30	684.36	95.04	146.25	95.62	97.18	0.00	750.51
11:59:45	684.30	94.99	146.24	95.58	97.15	0.00	750.51
12:00:00	684.24	94.96	146.24	95.55	97.13	0.00	750.51
12:00:15	684.19	94.92	146.24	95.52	97.11	0.00	750.51
12:00:30	684.13	94.89	146.24	95.49	97.10	0.00	750.51
12:00:45	684.07	94.86	146.24	95.47	97.09	0.00	750.51
12:01:00	684.03	94.84	146.23	95.45	97.07	0.00	750.51
12:01:15	683.97	94.82	146.23	95.43	97.06	0.00	750.51
12:01:30	683.92	94.80	146.23	95.42	97.05	0.00	750.51
12:01:45	683.86	94.78	146.22	95.40	97.05	0.00	750.51
12:02:00	683.81	94.77	146.22	95.40	97.05	0.00	750.51
12:02:15	683.75	94.76	146.21	95.38	97.05	0.00	750.51
12:02:30	683.64	94.75	146.21	95.38	97.06	0.00	750.51
12:02:45	683.59	94.74	146.21	95.37	97.06	0.00	750.51
12:03:00	683.52	94.73	146.21	95.36	97.08	0.00	750.51
12:03:15	683.45	94.73	146.21	95.36	97.09	0.00	750.51
12:03:30	683.38	94.72	146.20	95.36	97.09	0.00	750.51
12:03:45	683.30	94.71	146.20	95.35	97.09	0.00	750.51
12:04:00	683.25	94.70	146.20	95.35	97.09	0.00	750.51
12:04:15	683.22	94.68	146.19	95.34	97.08	0.00	750.51
12:04:30	683.16	94.67	146.20	95.33	97.08	0.00	750.51
12:04:45	683.11	94.65	146.19	95.32	97.06	0.00	750.51
12:05:00	682.99	94.63	146.19	95.31	97.06	0.00	750.51
12:05:15	682.94	94.62	146.18	95.30	97.06	0.00	750.51
12:05:30	682.89	94.61	146.18	95.29	97.05	0.00	750.51
12:05:45	682.84	94.60	146.18	95.27	97.06	0.00	750.51
12:06:00	682.80	94.60	146.18	95.27	97.07	0.00	750.51
12:06:15	682.75	94.59	146.18	95.26	97.07	0.00	750.51
12:06:30	682.68	94.59	146.17	95.25	97.08	0.00	750.51
12:06:45	682.60	94.58	146.17	95.23	97.08	0.00	750.51
12:07:00	682.54	94.57	146.17	95.22	97.08	0.00	750.51
12:07:15	682.47	94.55	146.16	95.20	97.08	0.00	750.51
12:07:30	682.41	94.53	146.16	95.19	97.07	0.00	750.51
12:07:45	682.25	94.50	146.15	95.16	97.06	0.00	750.51
12:08:00	682.15	94.48	146.15	95.14	97.05	0.00	750.51
12:08:15	682.04	94.45	146.15	95.10	97.04	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
12:08:30	681.94	94.41	146.15	95.07	97.02	0.00	750.51
12:08:45	681.86	94.36	146.14	95.04	97.00	0.00	750.51
12:09:00	681.75	94.33	146.14	95.01	96.98	0.00	750.51
12:09:15	681.69	94.26	146.14	94.97	96.95	0.00	750.51
12:09:30	681.66	94.22	146.14	94.93	96.92	0.00	750.51
12:09:45	681.62	94.17	146.13	94.89	96.90	0.00	750.51
12:10:00	681.58	94.13	146.14	94.85	96.88	0.00	750.51
12:10:15	681.52	94.07	146.14	94.81	96.86	0.00	750.51
12:10:30	681.49	94.04	146.13	94.77	96.84	0.00	750.51
12:10:45	681.40	93.99	146.13	94.73	96.83	0.00	750.51
12:11:00	681.37	93.95	146.13	94.69	96.81	0.00	750.51
12:11:15	681.32	93.91	146.12	94.65	96.80	0.00	750.51
12:11:30	681.27	93.87	146.12	94.61	96.78	0.00	750.51
12:11:45	681.21	93.85	146.12	94.57	96.77	0.00	750.51
12:12:00	681.17	93.82	146.12	94.55	96.77	0.00	750.51
12:12:15	681.13	93.77	146.12	94.50	96.75	0.00	750.51
12:12:30	681.08	93.75	146.12	94.47	96.75	0.00	750.51
12:12:45	681.04	93.72	146.12	94.42	96.73	0.00	750.51
12:13:00	681.00	93.67	146.11	94.39	96.72	0.00	750.51
12:13:15	680.93	93.63	146.11	94.33	96.69	0.00	750.51
12:13:30	680.88	93.60	146.11	94.30	96.67	0.00	750.51
12:13:45	680.82	93.56	146.11	94.26	96.65	0.00	750.51
12:14:00	680.77	93.54	146.10	94.22	96.62	0.00	750.51
12:14:15	680.73	93.50	146.10	94.18	96.61	0.00	750.51
12:14:30	680.70	93.48	146.10	94.15	96.59	0.00	750.51
12:14:45	680.64	93.45	146.09	94.11	96.57	0.00	750.51
12:15:00	680.60	93.42	146.09	94.06	96.55	0.00	750.51
12:15:15	680.56	93.40	146.09	94.04	96.53	0.00	750.51
12:15:30	680.52	93.36	146.09	94.00	96.53	0.00	750.51
12:15:45	680.47	93.35	146.09	93.97	96.52	0.00	750.51
12:16:00	680.42	93.33	146.08	93.95	96.51	0.00	750.51
12:16:15	680.37	93.31	146.08	93.92	96.51	0.00	750.51
12:16:30	680.31	93.30	146.08	93.91	96.51	0.00	750.51
12:16:45	680.27	93.29	146.07	93.89	96.51	0.00	750.51
12:17:00	680.21	93.28	146.07	93.87	96.52	0.00	750.51
12:17:15	680.15	93.26	146.06	93.86	96.53	0.00	750.51
12:17:30	680.09	93.25	146.06	93.84	96.53	0.00	750.51
12:17:45	680.04	93.23	146.06	93.82	96.54	0.00	750.51
12:18:00	680.01	93.22	146.06	93.81	96.54	0.00	750.51
12:18:15	679.97	93.19	146.06	93.79	96.54	0.00	750.51
12:18:30	679.91	93.16	146.06	93.78	96.55	0.00	750.51
12:18:45	679.87	93.14	146.05	93.76	96.55	0.00	750.51
12:19:00	679.84	93.11	146.05	93.74	96.55	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
12:19:15	679.81	93.10	146.05	93.72	96.55	0.00	750.51
12:19:30	679.79	93.08	146.05	93.71	96.56	0.00	750.51
12:19:45	679.74	93.06	146.05	93.70	96.57	0.00	750.51
12:20:00	679.71	93.05	146.04	93.68	96.58	0.00	750.51
12:20:15	679.67	93.03	146.04	93.68	96.59	0.00	750.51
12:20:30	679.62	93.01	146.04	93.67	96.58	0.00	750.51
12:20:45	679.54	92.99	146.04	93.66	96.58	0.00	750.51
12:21:00	679.52	92.97	146.04	93.64	96.58	0.00	750.51
12:21:15	679.49	92.95	146.04	93.63	96.59	0.00	750.51
12:21:30	679.46	92.92	146.03	93.62	96.59	0.00	750.51
12:21:45	679.40	92.89	146.03	93.60	96.59	0.00	750.51
12:22:00	679.33	92.86	146.03	93.59	96.57	0.00	750.51
12:22:15	679.30	92.83	146.03	93.57	96.56	0.00	750.51
12:22:30	679.27	92.80	146.02	93.55	96.55	0.00	750.51
12:22:45	679.22	92.78	146.02	93.54	96.55	0.00	750.51
12:23:00	679.20	92.75	146.02	93.52	96.53	0.00	750.51
12:23:15	679.16	92.74	146.02	93.51	96.50	0.00	750.51
12:23:30	679.13	92.72	146.02	93.51	96.50	0.00	750.51
12:23:45	679.08	92.71	146.02	93.50	96.51	0.00	750.51
12:24:00	679.05	92.71	146.01	93.49	96.53	0.00	750.51
12:24:15	679.00	92.70	146.01	93.49	96.55	0.00	750.51
12:24:30	678.95	92.70	146.01	93.49	96.59	0.00	750.51
12:24:45	678.90	92.71	146.01	93.49	96.63	0.00	750.51
12:25:00	678.84	92.72	146.00	93.49	96.69	0.00	750.51
12:25:15	678.82	92.73	146.00	93.50	96.76	0.00	750.51
12:25:30	678.79	92.75	146.00	93.50	96.80	0.00	750.51
12:25:45	678.75	92.77	146.00	93.51	96.85	0.00	750.51
12:26:00	678.71	92.79	146.00	93.52	96.91	0.00	750.51
12:26:15	678.67	92.81	145.99	93.53	96.94	0.00	750.51
12:26:30	678.63	92.82	145.99	93.54	96.99	0.00	750.51
12:26:45	678.60	92.84	145.99	93.54	97.06	0.00	750.51
12:27:00	678.58	92.85	145.99	93.55	97.09	0.00	750.51
12:27:15	678.53	92.85	145.98	93.55	97.10	0.00	750.51
12:27:30	678.51	92.85	145.98	93.55	97.13	0.00	750.51
12:27:45	678.48	92.85	145.98	93.55	97.15	0.00	750.51
12:28:00	678.45	92.84	145.98	93.54	97.17	0.00	750.51
12:28:15	678.41	92.82	145.98	93.52	97.18	0.00	750.51
12:28:30	678.38	92.81	145.98	93.51	97.20	0.00	750.51
12:28:45	678.34	92.79	145.98	93.49	97.22	0.00	750.51
12:29:00	678.29	92.76	145.97	93.47	97.23	0.00	750.51
12:29:15	678.24	92.75	145.98	93.45	97.24	0.00	750.51
12:29:30	678.19	92.73	145.97	93.44	97.25	0.00	750.51
12:29:45	678.15	92.72	145.97	93.42	97.26	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
12:30:00	678.12	92.71	145.97	93.40	97.27	0.00	750.51
12:30:15	678.08	92.69	145.96	93.38	97.28	0.00	750.51
12:30:30	678.03	92.68	145.96	93.36	97.29	0.00	750.51
12:30:45	678.00	92.66	145.96	93.34	97.30	0.00	750.51
12:31:00	677.97	92.65	145.96	93.32	97.31	0.00	750.51
12:31:15	677.93	92.62	145.95	93.30	97.32	0.00	750.51
12:31:30	677.90	92.60	145.95	93.28	97.33	0.00	750.51
12:31:45	677.87	92.57	145.95	93.24	97.34	0.00	750.51
12:32:00	677.84	92.55	145.95	93.22	97.35	0.00	750.51
12:32:15	677.79	92.52	145.95	93.20	97.37	0.00	750.51
12:32:30	677.76	92.51	145.95	93.18	97.38	0.00	750.51
12:32:45	677.73	92.48	145.95	93.15	97.41	0.00	750.51
12:33:00	677.68	92.46	145.95	93.12	97.43	0.00	750.51
12:33:15	677.65	92.44	145.94	93.10	97.47	0.00	750.51
12:33:30	677.62	92.43	145.94	93.08	97.50	0.00	750.51
12:33:45	677.58	92.41	145.95	93.06	97.55	0.00	750.51
12:34:00	677.55	92.41	145.95	93.05	97.57	0.00	750.51
12:34:15	677.50	92.40	145.94	93.03	97.65	0.00	750.51
12:34:30	677.47	92.39	145.94	93.02	97.72	0.00	750.51
12:34:45	677.43	92.38	145.94	93.00	97.75	0.00	750.51
12:35:00	677.41	92.38	145.94	93.00	97.79	0.00	750.51
12:35:15	677.38	92.38	145.93	92.99	97.86	0.00	750.51
12:35:30	677.34	92.38	145.93	92.98	97.91	0.00	750.51
12:35:45	677.30	92.38	145.93	92.98	97.97	0.00	750.51
12:36:00	677.26	92.38	145.93	92.97	98.03	0.00	750.51
12:36:15	677.21	92.39	145.93	92.97	98.09	0.00	750.51
12:36:30	677.19	92.39	145.93	92.96	98.16	0.00	750.51
12:36:45	677.13	92.39	145.92	92.96	98.21	0.00	750.51
12:37:00	676.99	92.40	145.92	92.96	98.23	0.00	750.51
12:37:15	676.95	92.39	145.92	92.96	98.28	0.00	750.51
12:37:30	676.90	92.39	145.92	92.95	98.31	0.00	750.51
12:37:45	676.85	92.39	145.92	92.94	98.37	0.00	750.51
12:38:00	676.77	92.38	145.91	92.93	98.39	0.00	750.51
12:38:15	676.70	92.37	145.91	92.92	98.45	0.00	750.51
12:38:30	676.63	92.35	145.91	92.91	98.47	0.00	750.51
12:38:45	676.56	92.34	145.91	92.89	98.50	0.00	750.51
12:39:00	676.52	92.34	145.91	92.89	98.52	0.00	750.51
12:39:15	676.43	92.33	145.91	92.88	98.55	0.00	750.51
12:39:30	676.37	92.33	145.91	92.87	98.62	0.00	750.51
12:39:45	676.32	92.33	145.90	92.87	98.64	0.00	750.51
12:40:00	676.27	92.34	145.90	92.86	98.69	0.00	750.51
12:40:15	676.23	92.34	145.90	92.86	98.74	0.00	750.51
12:40:30	676.16	92.35	145.90	92.86	98.77	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
12:40:45	676.11	92.36	145.89	92.86	98.81	0.00	750.51
12:41:00	676.02	92.37	145.89	92.86	98.86	0.00	750.51
12:41:15	675.98	92.38	145.89	92.87	98.89	0.00	750.51
12:41:30	675.94	92.39	145.89	92.87	98.92	0.00	750.51
12:41:45	675.90	92.40	145.89	92.87	98.96	0.00	750.51
12:42:00	675.87	92.41	145.89	92.87	98.98	0.00	750.51
12:42:15	675.83	92.42	145.89	92.86	99.01	0.00	750.51
12:42:30	675.79	92.43	145.89	92.86	99.04	0.00	750.51
12:42:45	675.75	92.43	145.89	92.85	99.08	0.00	750.51
12:43:00	675.71	92.44	145.89	92.85	99.10	0.00	750.51
12:43:15	675.66	92.44	145.88	92.84	99.13	0.00	750.51
12:43:30	675.63	92.46	145.88	92.83	99.15	0.00	750.51
12:43:45	675.59	92.47	145.88	92.82	99.18	0.00	750.51
12:44:00	675.56	92.50	145.88	92.82	99.23	0.00	750.51
12:44:15	675.51	92.53	145.88	92.82	99.26	0.00	750.51
12:44:30	675.46	92.55	145.87	92.81	99.28	0.00	750.51
12:44:45	675.41	92.59	145.87	92.82	99.30	0.00	750.51
12:45:00	675.35	92.62	145.87	92.82	99.32	0.00	750.51
12:45:15	675.30	92.65	145.87	92.82	99.36	0.00	750.51
12:45:30	675.25	92.68	145.87	92.83	99.38	0.00	750.51
12:45:45	675.21	92.72	145.86	92.83	99.39	0.00	750.51
12:46:00	675.15	92.75	145.86	92.84	99.40	0.00	750.51
12:46:15	675.11	92.80	145.86	92.85	99.42	0.00	750.51
12:46:30	675.08	92.82	145.86	92.86	99.44	0.00	750.51
12:46:45	675.04	92.86	145.86	92.87	99.44	0.00	750.51
12:47:00	674.99	92.89	145.86	92.88	99.45	0.00	750.51
12:47:15	674.95	92.92	145.86	92.89	99.46	0.00	750.51
12:47:30	674.92	92.94	145.86	92.90	99.45	0.00	750.51
12:47:45	674.88	92.97	145.85	92.92	99.45	0.00	750.51
12:48:00	674.84	93.00	145.85	92.92	99.44	0.00	750.51
12:48:15	674.82	93.02	145.85	92.94	99.43	0.00	750.51
12:48:30	674.78	93.03	145.85	92.94	99.41	0.00	750.51
12:48:45	674.74	93.05	145.85	92.95	99.39	0.00	750.51
12:49:00	674.70	93.06	145.85	92.95	99.38	0.00	750.51
12:49:15	674.66	93.08	145.84	92.96	99.35	0.00	750.51
12:49:30	674.65	93.10	145.84	92.97	99.34	0.00	750.51
12:49:45	674.60	93.12	145.84	92.99	99.31	0.00	750.51
12:50:00	674.56	93.15	145.84	93.01	99.28	0.00	750.51
12:50:15	674.53	93.19	145.83	93.03	99.27	0.00	750.51
12:50:30	674.49	93.21	145.83	93.06	99.25	0.00	750.51
12:50:45	674.44	93.24	145.84	93.08	99.25	0.00	750.51
12:51:00	674.37	93.27	145.84	93.10	99.25	0.00	750.51
12:51:15	674.35	93.31	145.84	93.14	99.24	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
12:51:30	674.32	93.34	145.84	93.18	99.24	0.00	750.51
12:51:45	674.28	93.38	145.83	93.21	99.23	0.00	750.51
12:52:00	674.25	93.42	145.83	93.25	99.23	0.00	750.51
12:52:15	674.21	93.46	145.83	93.28	99.24	0.00	750.51
12:52:30	674.16	93.51	145.83	93.33	99.23	0.00	750.51
12:52:45	674.09	93.54	145.83	93.39	99.24	0.00	750.51
12:53:00	674.05	93.58	145.82	93.43	99.24	0.00	750.51
12:53:15	674.01	93.64	145.82	93.48	99.24	0.00	750.51
12:53:30	673.89	93.67	145.82	93.53	99.25	0.00	750.51
12:53:45	673.81	93.74	145.81	93.59	99.27	0.00	750.51
12:54:00	673.76	93.80	145.82	93.65	99.28	0.00	750.51
12:54:15	673.72	93.88	145.82	93.71	99.32	0.00	750.51
12:54:30	673.67	93.94	145.82	93.77	99.35	0.00	750.51
12:54:45	673.62	94.01	145.82	93.84	99.38	0.00	750.51
12:55:00	673.56	94.07	145.82	93.91	99.40	0.00	750.51
12:55:15	673.51	94.14	145.81	93.99	99.44	0.00	750.51
12:55:30	673.51	94.22	145.81	94.06	99.48	0.00	750.51
12:55:45	673.46	94.30	145.81	94.14	99.52	0.00	750.51
12:56:00	673.40	94.38	145.81	94.20	99.56	0.00	750.51
12:56:15	673.34	94.46	145.81	94.29	99.61	0.00	750.51
12:56:30	673.25	94.53	145.80	94.36	99.65	0.00	750.51
12:56:45	673.17	94.62	145.81	94.45	99.69	0.00	750.51
12:57:00	673.15	94.70	145.80	94.54	99.71	0.00	750.51
12:57:15	673.07	94.78	145.80	94.63	99.74	0.00	750.51
12:57:30	672.99	94.86	145.80	94.71	99.80	0.00	750.51
12:57:45	672.92	94.94	145.80	94.80	99.82	0.00	750.51
12:58:00	672.88	95.01	145.80	94.88	99.86	0.00	750.51
12:58:15	672.83	95.07	145.79	94.94	99.88	0.00	750.51
12:58:30	672.75	95.13	145.79	95.01	99.89	0.00	750.51
12:58:45	672.69	95.18	145.79	95.10	99.89	0.00	750.51
12:59:00	672.64	95.22	145.79	95.16	99.90	0.00	750.51
12:59:15	672.57	95.28	145.79	95.23	99.90	0.00	750.51
12:59:30	672.55	95.32	145.79	95.28	99.91	0.00	750.51
12:59:45	672.51	95.36	145.79	95.34	99.91	0.00	750.51
13:00:00	672.46	95.39	145.79	95.39	99.90	0.00	750.51
13:00:15	672.40	95.41	145.79	95.44	99.89	0.00	750.51
13:00:30	672.35	95.44	145.79	95.49	99.87	0.00	750.51
13:00:45	672.30	95.46	145.78	95.52	99.84	0.00	750.51
13:01:00	672.26	95.48	145.78	95.56	99.83	0.00	750.51
13:01:15	672.19	95.49	145.78	95.60	99.80	0.00	750.51
13:01:30	672.15	95.50	145.78	95.62	99.78	0.00	750.51
13:01:45	672.02	95.52	145.78	95.67	99.75	0.00	750.51
13:02:00	671.98	95.55	145.78	95.70	99.73	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
13:02:15	671.91	95.56	145.78	95.73	99.71	0.00	750.51
13:02:30	671.83	95.59	145.78	95.76	99.68	0.00	750.51
13:02:45	671.80	95.62	145.78	95.79	99.66	0.00	750.51
13:03:00	671.77	95.66	145.78	95.83	99.63	0.00	750.51
13:03:15	671.75	95.68	145.78	95.87	99.60	0.00	750.51
13:03:30	671.73	95.70	145.78	95.89	99.59	0.00	750.51
13:03:45	671.68	95.73	145.77	95.93	99.56	0.00	750.51
13:04:00	671.64	95.75	145.77	95.95	99.55	0.00	750.51
13:04:15	671.59	95.77	145.77	95.97	99.52	0.00	750.51
13:04:30	671.58	95.80	145.77	96.01	99.51	0.00	750.51
13:04:45	671.51	95.82	145.77	96.04	99.49	0.00	750.51
13:05:00	671.48	95.86	145.77	96.07	99.48	0.00	750.51
13:05:15	671.44	95.90	145.77	96.10	99.47	0.00	750.51
13:05:30	671.40	95.92	145.77	96.13	99.46	0.00	750.51
13:05:45	671.33	95.97	145.76	96.18	99.46	0.00	750.51
13:06:00	671.31	96.01	145.76	96.21	99.46	0.00	750.51
13:06:15	671.27	96.06	145.77	96.26	99.46	0.00	750.51
13:06:30	671.23	96.10	145.76	96.30	99.46	0.00	750.51
13:06:45	671.17	96.15	145.76	96.35	99.46	0.00	750.51
13:07:00	671.15	96.19	145.76	96.38	99.46	0.00	750.51
13:07:15	671.11	96.23	145.76	96.42	99.46	0.00	750.51
13:07:30	671.06	96.26	145.76	96.47	99.47	0.00	750.51
13:07:45	671.01	96.32	145.76	96.52	99.48	0.00	750.51
13:08:00	670.93	96.36	145.76	96.56	99.49	0.00	750.51
13:08:15	670.88	96.41	145.76	96.62	99.58	0.00	750.51
13:08:30	670.82	96.46	145.76	96.66	99.63	0.00	750.51
13:08:45	670.74	96.51	145.75	96.72	99.59	0.00	750.51
13:09:00	670.69	96.57	145.75	96.77	99.59	0.00	750.51
13:09:15	670.66	96.65	145.76	96.84	99.61	0.00	750.51
13:09:30	670.58	96.71	145.75	96.89	99.64	0.00	750.51
13:09:45	670.54	96.79	145.75	96.96	99.67	0.00	750.51
13:10:00	670.50	96.86	145.75	97.01	99.71	0.00	750.51
13:10:15	670.46	96.94	145.74	97.10	99.79	0.00	750.51
13:10:30	670.41	97.02	145.74	97.16	99.81	0.00	750.51
13:10:45	670.36	97.08	145.75	97.23	99.85	0.00	750.51
13:11:00	670.31	97.15	145.74	97.30	99.91	0.00	750.51
13:11:15	670.23	97.22	145.74	97.37	99.97	0.00	750.51
13:11:30	670.21	97.29	145.74	97.43	100.00	0.00	750.51
13:11:45	670.13	97.35	145.74	97.49	100.04	0.00	750.51
13:12:00	670.07	97.38	145.74	97.54	100.07	0.00	750.51
13:12:15	670.01	97.43	145.74	97.60	100.10	0.00	750.51
13:12:30	669.95	97.46	145.74	97.65	100.14	0.00	750.51
13:12:45	669.90	97.50	145.74	97.70	100.16	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
13:13:00	669.86	97.52	145.74	97.74	100.21	0.00	750.51
13:13:15	669.79	97.56	145.73	97.78	100.23	0.00	750.51
13:13:30	669.73	97.57	145.73	97.81	100.24	0.00	750.51
13:13:45	669.69	97.60	145.74	97.85	100.24	0.00	750.51
13:14:00	669.66	97.61	145.73	97.86	100.25	0.00	750.51
13:14:15	669.60	97.62	145.73	97.90	100.25	0.00	750.51
13:14:30	669.56	97.63	145.73	97.91	100.26	0.00	750.51
13:14:45	669.55	97.63	145.73	97.93	100.26	0.00	750.51
13:15:00	669.51	97.64	145.73	97.95	100.25	0.00	750.51
13:15:15	669.48	97.64	145.73	97.97	100.24	0.00	750.51
13:15:30	669.44	97.64	145.73	97.97	100.23	0.00	750.51
13:15:45	669.41	97.64	145.72	97.98	100.21	0.00	750.51
13:16:00	669.39	97.64	145.72	97.98	100.20	0.00	750.51
13:16:15	669.35	97.63	145.72	97.99	100.19	0.00	750.51
13:16:30	669.32	97.62	145.72	97.99	100.17	0.00	750.51
13:16:45	669.27	97.60	145.72	97.99	100.15	0.00	750.51
13:17:00	669.22	97.58	145.72	97.98	100.13	0.00	750.51
13:17:15	669.18	97.56	145.72	97.98	100.10	0.00	750.51
13:17:30	669.14	97.54	145.72	97.96	100.08	0.00	750.51
13:17:45	669.11	97.51	145.72	97.95	100.06	0.00	750.51
13:18:00	669.06	97.50	145.72	97.94	100.04	0.00	750.51
13:18:15	668.99	97.49	145.72	97.93	100.03	0.00	750.51
13:18:30	668.94	97.48	145.72	97.92	100.02	0.00	750.51
13:18:45	668.89	97.48	145.72	97.91	100.01	0.00	750.51
13:19:00	668.83	97.48	145.71	97.91	100.01	0.00	750.51
13:19:15	668.78	97.48	145.71	97.91	100.00	0.00	750.51
13:19:30	668.74	97.49	145.71	97.91	100.00	0.00	750.51
13:19:45	668.66	97.49	145.71	97.91	100.00	0.00	750.51
13:20:00	668.65	97.51	145.71	97.91	100.00	0.00	750.51
13:20:15	668.60	97.51	145.70	97.92	100.00	0.00	750.51
13:20:30	668.56	97.52	145.70	97.92	100.00	0.00	750.51
13:20:45	668.50	97.52	145.70	97.92	99.98	0.00	750.51
13:21:00	668.47	97.52	145.70	97.92	99.97	0.00	750.51
13:21:15	668.42	97.51	145.70	97.92	99.94	0.00	750.51
13:21:30	668.38	97.51	145.71	97.92	99.94	0.00	750.51
13:21:45	668.32	97.51	145.70	97.92	99.93	0.00	750.51
13:22:00	668.26	97.51	145.70	97.92	99.92	0.00	750.51
13:22:15	668.20	97.51	145.70	97.92	99.91	0.00	750.51
13:22:30	668.15	97.53	145.69	97.93	99.92	0.00	750.51
13:22:45	668.09	97.55	145.69	97.94	99.92	0.00	750.51
13:23:00	668.08	97.58	145.69	97.96	99.93	0.00	750.51
13:23:15	668.03	97.61	145.69	97.99	99.94	0.00	750.51
13:23:30	667.98	97.64	145.69	98.01	99.97	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
13:23:45	667.94	97.67	145.69	98.03	99.99	0.00	750.51
13:24:00	667.92	97.70	145.69	98.06	100.01	0.00	750.51
13:24:15	667.86	97.72	145.69	98.09	100.01	0.00	750.51
13:24:30	667.84	97.75	145.69	98.11	100.03	0.00	750.51
13:24:45	667.79	97.77	145.68	98.13	100.05	0.00	750.51
13:25:00	667.75	97.80	145.68	98.16	100.07	0.00	750.51
13:25:15	667.69	97.82	145.68	98.18	100.09	0.00	750.51
13:25:30	667.67	97.85	145.68	98.20	100.10	0.00	750.51
13:25:45	667.61	97.88	145.68	98.24	100.13	0.00	750.51
13:26:00	667.58	97.91	145.68	98.25	100.15	0.00	750.51
13:26:15	667.54	97.94	145.67	98.29	100.16	0.00	750.51
13:26:30	667.51	97.97	145.68	98.33	100.19	0.00	750.51
13:26:45	667.47	97.99	145.67	98.35	100.21	0.00	750.51
13:27:00	667.43	98.02	145.67	98.37	100.23	0.00	750.51
13:27:15	667.39	98.04	145.67	98.39	100.25	0.00	750.51
13:27:30	667.37	98.07	145.67	98.41	100.27	0.00	750.51
13:27:45	667.33	98.10	145.67	98.44	100.29	0.00	750.51
13:28:00	667.30	98.11	145.67	98.46	100.34	0.00	750.51
13:28:15	667.25	98.14	145.66	98.49	100.35	0.00	750.51
13:28:30	667.23	98.17	145.66	98.51	100.37	0.00	750.51
13:28:45	667.20	98.19	145.66	98.53	100.39	0.00	750.51
13:29:00	667.14	98.21	145.66	98.55	100.43	0.00	750.51
13:29:15	667.12	98.24	145.66	98.56	100.44	0.00	750.51
13:29:30	667.10	98.26	145.65	98.57	100.45	0.00	750.51
13:29:45	667.05	98.28	145.65	98.60	100.47	0.00	750.51
13:30:00	666.99	98.29	145.66	98.61	100.48	0.00	750.51
13:30:15	666.96	98.31	145.65	98.63	100.49	0.00	750.51
13:30:30	666.94	98.32	145.65	98.65	100.50	0.00	750.51
13:30:45	666.90	98.36	145.65	98.66	100.51	0.00	750.51
13:31:00	666.87	98.38	145.66	98.68	100.52	0.00	750.51
13:31:15	666.82	98.39	145.65	98.70	100.53	0.00	750.51
13:31:30	666.79	98.42	145.65	98.71	100.54	0.00	750.51
13:31:45	666.73	98.44	145.65	98.72	100.55	0.00	750.51
13:32:00	666.71	98.45	145.65	98.74	100.57	0.00	750.51
13:32:15	666.68	98.47	145.64	98.75	100.58	0.00	750.51
13:32:30	666.63	98.48	145.64	98.76	100.57	0.00	750.51
13:32:45	666.61	98.49	145.64	98.77	100.57	0.00	750.51
13:33:00	666.57	98.49	145.64	98.78	100.57	0.00	750.51
13:33:15	666.55	98.50	145.64	98.78	100.56	0.00	750.51
13:33:30	666.54	98.50	145.64	98.78	100.55	0.00	750.51
13:33:45	666.50	98.49	145.64	98.79	100.53	0.00	750.51
13:34:00	666.47	98.49	145.64	98.79	100.52	0.00	750.51
13:34:15	666.43	98.48	145.64	98.79	100.50	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
13:34:30	666.40	98.48	145.63	98.79	100.49	0.00	750.51
13:34:45	666.36	98.47	145.63	98.78	100.49	0.00	750.51
13:35:00	666.33	98.47	145.63	98.78	100.49	0.00	750.51
13:35:15	666.30	98.47	145.63	98.78	100.48	0.00	750.51
13:35:30	666.26	98.48	145.63	98.78	100.49	0.00	750.51
13:35:45	666.23	98.50	145.63	98.79	100.49	0.00	750.51
13:36:00	666.21	98.52	145.63	98.79	100.50	0.00	750.51
13:36:15	666.14	98.54	145.63	98.80	100.51	0.00	750.51
13:36:30	666.13	98.57	145.63	98.82	100.52	0.00	750.51
13:36:45	666.09	98.59	145.63	98.83	100.53	0.00	750.51
13:37:00	666.07	98.60	145.62	98.85	100.54	0.00	750.51
13:37:15	666.02	98.61	145.62	98.86	100.55	0.00	750.51
13:37:30	666.01	98.62	145.62	98.87	100.56	0.00	750.51
13:37:45	665.97	98.64	145.62	98.88	100.58	0.00	750.51
13:38:00	665.94	98.65	145.62	98.89	100.59	0.00	750.51
13:38:15	665.90	98.65	145.62	98.89	100.59	0.00	750.51
13:38:30	665.89	98.67	145.61	98.90	100.60	0.00	750.51
13:38:45	665.86	98.68	145.62	98.92	100.61	0.00	750.51
13:39:00	665.83	98.69	145.62	98.93	100.62	0.00	750.51
13:39:15	665.78	98.70	145.62	98.94	100.63	0.00	750.51
13:39:30	665.77	98.72	145.61	98.96	100.65	0.00	750.51
13:39:45	665.73	98.74	145.61	98.98	100.67	0.00	750.51
13:40:00	665.70	98.76	145.61	98.99	100.68	0.00	750.51
13:40:15	665.66	98.78	145.61	99.00	100.74	0.00	750.51
13:40:30	665.62	98.81	145.61	99.02	100.75	0.00	750.51
13:40:45	665.58	98.82	145.61	99.04	100.78	0.00	750.51
13:41:00	665.57	98.84	145.60	99.06	100.82	0.00	750.51
13:41:15	665.54	98.86	145.60	99.07	100.86	0.00	750.51
13:41:30	665.50	98.86	145.60	99.09	100.88	0.00	750.51
13:41:45	665.48	98.87	145.60	99.11	100.92	0.00	750.51
13:42:00	665.45	98.88	145.60	99.12	100.93	0.00	750.51
13:42:15	665.43	98.89	145.60	99.13	100.95	0.00	750.51
13:42:30	665.40	98.89	145.60	99.14	100.97	0.00	750.51
13:42:45	665.37	98.89	145.59	99.16	100.99	0.00	750.51
13:43:00	665.36	98.89	145.59	99.16	101.01	0.00	750.51
13:43:15	665.33	98.88	145.59	99.17	101.02	0.00	750.51
13:43:30	665.30	98.88	145.59	99.18	101.03	0.00	750.51
13:43:45	665.26	98.87	145.59	99.18	101.03	0.00	750.51
13:44:00	665.24	98.86	145.59	99.19	101.04	0.00	750.51
13:44:15	665.20	98.84	145.59	99.19	101.04	0.00	750.51
13:44:30	665.17	98.82	145.59	99.19	101.06	0.00	750.51
13:44:45	665.14	98.80	145.58	99.19	101.07	0.00	750.51
13:45:00	665.11	98.78	145.59	99.19	101.08	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
13:45:15	665.07	98.76	145.59	99.19	101.08	0.00	750.51
13:45:30	665.04	98.74	145.58	99.18	101.08	0.00	750.51
13:45:45	665.00	98.72	145.58	99.17	101.09	0.00	750.51
13:46:00	664.96	98.70	145.58	99.16	101.09	0.00	750.51
13:46:15	664.93	98.69	145.58	99.15	101.08	0.00	750.51
13:46:30	664.89	98.67	145.58	99.14	101.09	0.00	750.51
13:46:45	664.87	98.66	145.58	99.12	101.09	0.00	750.51
13:47:00	664.85	98.65	145.58	99.11	101.09	0.00	750.51
13:47:15	664.82	98.64	145.58	99.10	101.09	0.00	750.51
13:47:30	664.79	98.62	145.58	99.08	101.09	0.00	750.51
13:47:45	664.76	98.61	145.58	99.05	101.09	0.00	750.51
13:48:00	664.73	98.59	145.57	99.04	101.09	0.00	750.51
13:48:15	664.70	98.56	145.57	99.01	101.08	0.00	750.51
13:48:30	664.68	98.53	145.58	98.99	101.07	0.00	750.51
13:48:45	664.64	98.49	145.58	98.95	101.05	0.00	750.51
13:49:00	664.62	98.46	145.57	98.92	101.04	0.00	750.51
13:49:15	664.59	98.43	145.57	98.89	101.03	0.00	750.51
13:49:30	664.56	98.41	145.57	98.86	101.03	0.00	750.51
13:49:45	664.53	98.38	145.57	98.84	101.02	0.00	750.51
13:50:00	664.51	98.36	145.56	98.80	101.00	0.00	750.51
13:50:15	664.47	98.32	145.56	98.79	100.99	0.00	750.51
13:50:30	664.45	98.30	145.56	98.76	100.99	0.00	750.51
13:50:45	664.42	98.26	145.56	98.73	100.97	0.00	750.51
13:51:00	664.39	98.23	145.56	98.70	100.95	0.00	750.51
13:51:15	664.36	98.19	145.55	98.66	100.92	0.00	750.51
13:51:30	664.33	98.16	145.55	98.64	100.90	0.00	750.51
13:51:45	664.31	98.13	145.55	98.59	100.87	0.00	750.51
13:52:00	664.27	98.08	145.55	98.57	100.85	0.00	750.51
13:52:15	664.24	98.04	145.56	98.53	100.83	0.00	750.51
13:52:30	664.21	97.99	145.55	98.49	100.80	0.00	750.51
13:52:45	664.18	97.95	145.55	98.44	100.78	0.00	750.51
13:53:00	664.15	97.91	145.55	98.41	100.77	0.00	750.51
13:53:15	664.11	97.86	145.55	98.36	100.73	0.00	750.51
13:53:30	664.09	97.83	145.54	98.33	100.71	0.00	750.51
13:53:45	664.05	97.77	145.55	98.29	100.69	0.00	750.51
13:54:00	664.03	97.74	145.55	98.26	100.69	0.00	750.51
13:54:15	664.00	97.72	145.55	98.23	100.68	0.00	750.51
13:54:30	663.97	97.69	145.54	98.19	100.67	0.00	750.51
13:54:45	663.94	97.66	145.54	98.16	100.67	0.00	750.51
13:55:00	663.91	97.64	145.54	98.13	100.66	0.00	750.51
13:55:15	663.88	97.60	145.54	98.10	100.66	0.00	750.51
13:55:30	663.86	97.58	145.54	98.07	100.66	0.00	750.51
13:55:45	663.83	97.53	145.54	98.04	100.65	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
13:56:00	663.81	97.51	145.54	98.01	100.63	0.00	750.51
13:56:15	663.78	97.47	145.54	97.97	100.63	0.00	750.51
13:56:30	663.75	97.43	145.54	97.94	100.62	0.00	750.51
13:56:45	663.72	97.39	145.53	97.90	100.62	0.00	750.51
13:57:00	663.69	97.35	145.53	97.87	100.61	0.00	750.51
13:57:15	663.66	97.31	145.53	97.83	100.60	0.00	750.51
13:57:30	663.63	97.28	145.53	97.80	100.59	0.00	750.51
13:57:45	663.60	97.25	145.52	97.77	100.59	0.00	750.51
13:58:00	663.57	97.22	145.53	97.73	100.58	0.00	750.51
13:58:15	663.54	97.19	145.53	97.70	100.57	0.00	750.51
13:58:30	663.51	97.16	145.53	97.67	100.57	0.00	750.51
13:58:45	663.48	97.14	145.52	97.65	100.57	0.00	750.51
13:59:00	663.46	97.12	145.53	97.61	100.57	0.00	750.51
13:59:15	663.42	97.08	145.52	97.58	100.56	0.00	750.51
13:59:30	663.40	97.07	145.52	97.56	100.56	0.00	750.51
13:59:45	663.37	97.04	145.52	97.53	100.56	0.00	750.51
14:00:00	663.34	97.03	145.52	97.51	100.55	0.00	750.51
14:00:15	663.31	97.00	145.52	97.48	100.56	0.00	750.51
14:00:30	663.27	96.98	145.51	97.46	100.57	0.00	750.51
14:00:45	663.23	96.97	145.51	97.43	100.57	0.00	750.51
14:01:00	663.20	96.94	145.51	97.42	100.58	0.00	750.51
14:01:15	663.16	96.93	145.51	97.39	100.58	0.00	750.51
14:01:30	663.14	96.91	145.51	97.37	100.58	0.00	750.51
14:01:45	663.10	96.87	145.51	97.34	100.60	0.00	750.51
14:02:00	663.07	96.85	145.51	97.32	100.61	0.00	750.51
14:02:15	663.04	96.82	145.51	97.29	100.62	0.00	750.51
14:02:30	663.00	96.81	145.51	97.27	100.62	0.00	750.51
14:02:45	662.95	96.78	145.51	97.24	100.63	0.00	750.51
14:03:00	662.91	96.77	145.50	97.22	100.64	0.00	750.51
14:03:15	662.87	96.74	145.50	97.20	100.64	0.00	750.51
14:03:30	662.84	96.72	145.50	97.18	100.65	0.00	750.51
14:03:45	662.83	96.71	145.50	97.16	100.65	0.00	750.51
14:04:00	662.81	96.69	145.50	97.14	100.66	0.00	750.51
14:04:15	662.78	96.67	145.50	97.12	100.66	0.00	750.51
14:04:30	662.76	96.66	145.49	97.11	100.67	0.00	750.51
14:04:45	662.73	96.64	145.50	97.08	100.67	0.00	750.51
14:05:00	662.71	96.62	145.50	97.07	100.68	0.00	750.51
14:05:15	662.68	96.60	145.49	97.04	100.68	0.00	750.51
14:05:30	662.66	96.58	145.49	97.02	100.69	0.00	750.51
14:05:45	662.62	96.55	145.49	96.99	100.68	0.00	750.51
14:06:00	662.59	96.52	145.49	96.96	100.68	0.00	750.51
14:06:15	662.57	96.50	145.49	96.95	100.67	0.00	750.51
14:06:30	662.54	96.48	145.49	96.92	100.68	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
14:06:45	662.51	96.46	145.49	96.91	100.69	0.00	750.51
14:07:00	662.48	96.43	145.50	96.88	100.70	0.00	750.51
14:07:15	662.46	96.43	145.49	96.86	100.72	0.00	750.51
14:07:30	662.43	96.42	145.49	96.85	100.73	0.00	750.51
14:07:45	662.39	96.41	145.49	96.83	100.74	0.00	750.51
14:08:00	662.37	96.40	145.48	96.82	100.75	0.00	750.51
14:08:15	662.33	96.40	145.48	96.80	100.76	0.00	750.51
14:08:30	662.31	96.39	145.48	96.79	100.77	0.00	750.51
14:08:45	662.27	96.38	145.48	96.77	100.79	0.00	750.51
14:09:00	662.25	96.38	145.48	96.76	100.79	0.00	750.51
14:09:15	662.22	96.36	145.48	96.74	100.81	0.00	750.51
14:09:30	662.19	96.35	145.48	96.73	100.82	0.00	750.51
14:09:45	662.16	96.33	145.48	96.71	100.83	0.00	750.51
14:10:00	662.13	96.32	145.48	96.70	100.85	0.00	750.51
14:10:15	662.10	96.30	145.48	96.68	100.86	0.00	750.51
14:10:30	662.07	96.29	145.48	96.67	100.88	0.00	750.51
14:10:45	662.04	96.28	145.48	96.66	100.89	0.00	750.51
14:11:00	662.01	96.26	145.48	96.64	100.91	0.00	750.51
14:11:15	661.98	96.25	145.48	96.62	100.94	0.00	750.51
14:11:30	661.93	96.24	145.48	96.62	100.96	0.00	750.51
14:11:45	661.91	96.23	145.47	96.61	100.97	0.00	750.51
14:12:00	661.90	96.23	145.47	96.60	101.00	0.00	750.51
14:12:15	661.86	96.21	145.47	96.58	101.04	0.00	750.51
14:12:30	661.84	96.20	145.47	96.58	101.06	0.00	750.51
14:12:45	661.81	96.19	145.47	96.57	101.07	0.00	750.51
14:13:00	661.77	96.18	145.47	96.56	101.08	0.00	750.51
14:13:15	661.75	96.17	145.46	96.55	101.11	0.00	750.51
14:13:30	661.73	96.17	145.47	96.54	101.16	0.00	750.51
14:13:45	661.70	96.16	145.46	96.54	101.18	0.00	750.51
14:14:00	661.67	96.17	145.46	96.53	101.19	0.00	750.51
14:14:15	661.64	96.17	145.46	96.53	101.21	0.00	750.51
14:14:30	661.61	96.17	145.46	96.52	101.24	0.00	750.51
14:14:45	661.56	96.17	145.46	96.52	101.26	0.00	750.51
14:15:00	661.53	96.17	145.46	96.52	101.27	0.00	750.51
14:15:15	661.50	96.17	145.46	96.52	101.28	0.00	750.51
14:15:30	661.48	96.16	145.46	96.51	101.29	0.00	750.51
14:15:45	661.44	96.15	145.45	96.50	101.30	0.00	750.51
14:16:00	661.41	96.14	145.45	96.49	101.30	0.00	750.51
14:16:15	661.37	96.13	145.45	96.49	101.32	0.00	750.51
14:16:30	661.32	96.13	145.45	96.48	101.33	0.00	750.51
14:16:45	661.28	96.13	145.45	96.48	101.35	0.00	750.51
14:17:00	661.23	96.13	145.45	96.49	101.38	0.00	750.51
14:17:15	661.20	96.15	145.45	96.49	101.45	0.00	750.51

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
14:17:30	661.16	96.16	145.45	96.50	101.47	0.00	750.51
14:17:45	661.13	96.20	145.45	96.52	101.53	0.00	750.51
14:18:00	661.09	96.22	145.45	96.55	101.56	0.00	750.51
14:18:15	661.05	96.26	145.45	96.58	101.58	0.00	750.51
14:18:30	661.03	96.30	145.45	96.59	101.63	0.00	750.51
14:18:45	660.99	96.33	145.44	96.63	101.68	0.00	750.51
14:19:00	660.93	96.36	145.44	96.66	101.70	0.00	750.51
14:19:15	660.90	96.41	145.44	96.70	101.74	0.00	750.51
14:19:30	660.85	96.45	145.44	96.74	101.77	0.00	750.51
14:19:45	660.82	96.50	145.44	96.77	101.83	0.00	750.51
14:20:00	660.78	96.53	145.44	96.80	101.87	0.00	750.51
14:20:15	660.75	96.57	145.43	96.84	101.89	0.00	750.51
14:20:30	660.71	96.61	145.43	96.87	101.93	0.00	750.51
14:20:45	660.66	96.63	145.43	96.91	101.96	0.00	750.51
14:21:00	660.63	96.67	145.44	96.95	101.99	0.00	750.51
14:21:15	660.60	96.70	147.33	96.99	102.03	0.00	750.51
14:21:30	660.56	96.74	145.46	97.02	102.06	0.00	750.51
14:21:45	660.51	96.77	145.36	97.06	102.12	0.00	750.51
14:22:00	660.49	96.82	145.36	97.10	102.14	0.00	750.51
14:22:15	660.46	96.86	145.37	97.14	102.17	0.00	750.51
14:22:30	660.43	96.89	145.36	97.18	102.20	0.00	750.51
14:22:45	660.39	96.92	145.37	97.22	102.23	0.00	750.51
14:23:00	660.34	96.95	145.37	97.25	102.26	0.00	750.51
14:23:15	660.32	96.99	146.15	97.29	102.28	0.00	750.51
14:23:30	660.31	97.02	146.68	97.32	102.30	0.00	750.51
14:23:45	660.26	97.04	146.17	97.35	102.34	0.00	750.51
14:24:00	660.23	97.05	146.70	97.38	102.35	0.00	750.51
14:24:15	660.20	97.07	146.40	97.42	102.36	0.00	750.51
14:24:30	660.17	97.08	145.93	97.44	102.37	0.00	750.51
14:24:45	660.14	97.10	145.85	97.47	102.38	0.00	750.51
14:25:00	660.11	97.12	145.85	97.47	102.38	0.00	750.51
14:25:15	660.07	97.13	145.96	97.50	102.38	0.00	750.51
14:25:30	660.04	97.14	145.82	97.52	102.40	0.00	750.51
14:25:45	660.01	97.15	145.81	97.54	102.39	0.00	750.51
14:26:00	659.99	97.17	145.81	97.57	102.40	0.00	750.51
14:26:15	659.95	97.18	145.79	97.58	102.40	0.00	750.51
14:26:30	659.92	97.20	145.50	97.62	102.42	0.00	750.51
14:26:45	653.52	97.23	145.48	97.63	104.69	550.40	768.99
14:27:00	656.42	97.24	145.48	97.66	109.70	0.00	771.13
14:27:15	655.99	97.28	145.48	97.69	109.27	0.00	771.13
14:27:30	655.61	97.30	145.48	97.71	108.74	0.00	771.13
14:27:45	656.31	97.32	145.48	97.74	108.05	0.00	771.13
14:28:00	656.15	97.34	145.48	97.76	107.43	0.00	771.13

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
14:28:15	656.09	97.37	145.48	97.79	106.80	0.00	771.13
14:28:30	665.53	97.38	145.49	97.80	106.60	311.98	781.61
14:28:45	719.77	97.39	145.56	97.82	108.91	674.81	965.87
14:29:00	763.32	97.41	145.57	97.82	109.27	664.72	1121.09
14:29:15	808.44	97.43	145.55	97.83	109.35	663.53	1298.49
14:29:30	843.38	97.43	145.56	97.82	109.31	664.59	1453.95
14:29:45	880.40	97.43	145.53	97.82	109.61	680.30	1633.57
14:30:00	908.83	97.42	145.70	97.79	108.96	681.55	1792.43
14:30:15	939.01	97.40	145.70	97.77	108.85	689.22	1975.34
14:30:30	962.62	97.39	145.74	97.75	108.60	696.83	2136.60
14:30:45	987.73	97.37	145.79	97.74	108.44	688.15	2320.54
14:31:00	1007.49	97.36	145.80	97.72	108.11	693.46	2482.89
14:31:15	1028.21	97.36	145.83	97.70	107.76	687.11	2667.10
14:31:30	1043.20	97.36	145.75	97.70	107.60	677.59	2826.46
14:31:45	1061.18	97.37	145.54	97.70	107.45	679.84	3007.31
14:32:00	1073.89	97.39	145.63	97.70	107.27	681.10	3165.57
14:32:15	1087.28	97.42	145.59	97.71	107.13	674.36	3344.51
14:32:30	1096.35	97.44	145.64	97.72	106.91	681.25	3502.14
14:32:45	1106.40	97.46	145.61	97.73	106.88	668.17	3682.22
14:33:00	1110.76	97.48	145.63	97.75	106.87	676.22	3838.94
14:33:15	1117.23	97.50	145.72	97.76	106.98	669.81	4018.73
14:33:30	1122.53	97.52	145.83	97.77	107.21	672.56	4176.25
14:33:45	1130.68	97.54	145.78	97.78	107.58	665.17	4354.50
14:34:00	1138.76	97.57	145.73	97.80	107.90	668.41	4511.64
14:34:15	1147.08	97.60	145.64	97.81	108.33	684.14	4692.87
14:34:30	1155.56	97.64	145.67	97.85	108.79	673.93	4851.09
14:34:45	1164.94	97.67	145.69	97.88	109.31	687.25	5032.65
14:35:00	1173.52	97.73	145.72	97.90	109.79	679.61	5191.14
14:35:15	1182.52	97.77	145.76	97.96	110.41	690.67	5373.27
14:35:30	1189.60	97.83	145.77	98.02	110.86	681.31	5531.65
14:35:45	1196.76	97.90	145.76	98.06	111.44	681.43	5712.60
14:36:00	1202.53	97.96	145.80	98.10	111.89	668.99	5869.15
14:36:15	1212.14	98.01	145.69	98.15	112.55	679.11	6048.87
14:36:30	1218.37	98.08	145.64	98.20	113.05	670.87	6206.79
14:36:45	1226.43	98.15	145.66	98.25	113.69	678.21	6387.29
14:37:00	1232.44	98.19	145.53	98.29	114.21	673.71	6545.94
14:37:15	1239.81	98.26	145.58	98.34	114.70	691.23	6727.44
14:37:30	1245.35	98.32	145.69	98.38	115.19	683.15	6886.65
14:37:45	1238.33	98.38	145.69	98.45	115.11	0.00	6898.61
14:38:00	1235.49	98.44	145.71	98.50	114.69	0.00	6898.61
14:38:15	1232.61	98.51	145.72	98.55	114.22	0.00	6898.61
14:38:30	1230.64	98.57	145.72	98.61	113.79	0.00	6898.61
14:38:45	1228.88	98.64	145.72	98.68	113.42	0.00	6898.61

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
14:39:00	1227.63	98.70	145.73	98.74	113.15	0.00	6898.61
14:39:15	1226.44	98.78	145.73	98.82	112.87	0.00	6898.61
14:39:30	1225.56	98.85	145.72	98.88	112.68	0.00	6898.61
14:39:45	1224.68	98.92	145.72	98.96	112.43	0.00	6898.61
14:40:00	1223.99	98.98	145.72	99.02	112.25	0.00	6898.61
14:40:15	1223.31	99.05	145.72	99.08	112.10	0.00	6898.61
14:40:30	1222.74	99.11	145.71	99.15	111.98	0.00	6898.61
14:40:45	1222.23	99.17	145.71	99.21	111.82	0.00	6898.61
14:41:00	1221.79	99.23	145.71	99.27	111.71	0.00	6898.61
14:41:15	1221.34	99.29	145.71	99.33	111.58	0.00	6898.61
14:41:30	1220.99	99.33	145.71	99.38	111.51	0.00	6898.61
14:41:45	1220.61	99.38	145.70	99.44	111.38	0.00	6898.61
14:42:00	1220.29	99.42	145.70	99.48	111.32	0.00	6898.61
14:42:15	1219.99	99.49	145.70	99.54	111.21	0.00	6898.61
14:42:30	1219.68	99.52	145.70	99.58	111.16	0.00	6898.61
14:42:45	1219.39	99.58	145.70	99.66	111.14	0.00	6898.61
14:43:00	1219.17	99.64	145.70	99.70	111.10	0.00	6898.61
14:43:15	1218.94	99.70	145.70	99.76	111.03	0.00	6898.61
14:43:30	1218.73	99.76	145.70	99.82	111.01	0.00	6898.61
14:43:45	1218.54	99.82	145.70	99.88	110.95	0.00	6898.61
14:44:00	1218.32	99.87	145.70	99.93	110.90	0.00	6898.61
14:44:15	1218.11	99.94	145.70	100.00	110.84	0.00	6898.61
14:44:30	1217.96	99.98	145.69	100.03	110.80	0.00	6898.61
14:44:45	1217.82	100.04	145.69	100.10	110.73	0.00	6898.61
14:45:00	1217.68	100.08	145.69	100.15	110.59	0.00	6898.61
14:45:15	1217.51	100.11	145.69	100.20	110.50	0.00	6898.61
14:45:30	1217.40	100.14	145.69	100.22	110.37	0.00	6898.61
14:45:45	1217.26	100.17	145.68	100.27	110.26	0.00	6898.61
14:46:00	1217.13	100.18	145.68	100.30	110.18	0.00	6898.61
14:46:15	1216.98	100.21	145.69	100.34	110.12	0.00	6898.61
14:46:30	1216.89	100.25	145.69	100.37	110.03	0.00	6898.61
14:46:45	1216.75	100.28	145.69	100.41	109.94	0.00	6898.61
14:47:00	1216.66	100.33	145.69	100.45	109.87	0.00	6898.61
14:47:15	1216.51	100.38	145.69	100.50	109.81	0.00	6898.61
14:47:30	1216.42	100.41	145.69	100.54	109.68	0.00	6898.61
14:47:45	1216.31	100.47	145.68	100.58	109.64	0.00	6898.61
14:48:00	1216.24	100.53	145.68	100.63	109.55	0.00	6898.61
14:48:15	1216.11	100.59	145.68	100.69	109.51	0.00	6898.61
14:48:30	1215.99	100.64	145.68	100.74	109.46	0.00	6898.61
14:48:45	1215.91	100.70	145.68	100.80	109.43	0.00	6898.61
14:49:00	1215.83	100.76	145.68	100.85	109.36	0.00	6898.61
14:49:15	1215.76	100.81	145.68	100.90	109.27	0.00	6898.61
14:49:30	1215.69	100.85	145.67	100.93	109.22	0.00	6898.61

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
14:49:45	1215.61	100.87	145.67	100.97	109.09	0.00	6898.61
14:50:00	1215.52	100.88	145.67	101.00	108.98	0.00	6898.61
14:50:15	1215.42	100.89	145.68	101.03	108.90	0.00	6898.61
14:50:30	1215.34	100.90	145.67	101.04	108.78	0.00	6898.61
14:50:45	1215.24	100.91	145.67	101.06	108.68	0.00	6898.61
14:51:00	1215.21	100.92	145.67	101.08	108.57	0.00	6898.61
14:51:15	1215.12	100.91	145.67	101.09	108.47	0.00	6898.61
14:51:30	1215.07	100.91	145.67	101.10	108.35	0.00	6898.61
14:51:45	1214.99	100.89	145.67	101.10	108.13	0.00	6898.61
14:52:00	1214.90	100.86	145.67	101.09	107.98	0.00	6898.61
14:52:15	1214.85	100.82	145.67	101.08	107.78	0.00	6898.61
14:52:30	1214.78	100.77	145.66	101.03	107.59	0.00	6898.61
14:52:45	1214.68	100.69	145.66	101.00	107.38	0.00	6898.61
14:53:00	1214.62	100.62	145.66	100.95	107.16	0.00	6898.61
14:53:15	1214.58	100.54	145.66	100.87	106.97	0.00	6898.61
14:53:30	1214.52	100.45	145.66	100.81	106.77	0.00	6898.61
14:53:45	1214.45	100.35	145.66	100.73	106.52	0.00	6898.61
14:54:00	1214.37	100.24	145.62	100.66	106.36	0.00	6898.61
14:54:15	1214.32	100.14	145.67	100.56	106.19	0.00	6898.61
14:54:30	1214.27	100.04	145.66	100.47	106.02	0.00	6898.61
14:54:45	1214.23	99.94	145.67	100.38	105.78	0.00	6898.61
14:55:00	1214.16	99.84	145.66	100.30	105.63	0.00	6898.61
14:55:15	1214.09	99.72	145.65	100.18	105.46	0.00	6898.61
14:55:30	1214.02	99.62	145.65	100.10	105.33	0.00	6898.61
14:55:45	1213.95	99.51	145.66	99.99	105.13	0.00	6898.61
14:56:00	1213.93	99.43	145.66	99.92	104.98	0.00	6898.61
14:56:15	1213.84	99.32	145.65	99.81	104.82	0.00	6898.61
14:56:30	1213.79	99.26	145.66	99.73	104.71	0.00	6898.61
14:56:45	1213.72	99.18	145.66	99.64	104.64	0.00	6898.61
14:57:00	1213.69	99.14	145.65	99.58	104.57	0.00	6898.61
14:57:15	1213.63	99.10	145.65	99.52	104.54	0.00	6898.61
14:57:30	1213.60	99.08	145.65	99.47	104.52	0.00	6898.61
14:57:45	1213.56	99.06	145.65	99.42	104.50	0.00	6898.61
14:58:00	1213.53	99.05	145.65	99.39	104.50	0.00	6898.61
14:58:15	1213.46	99.05	145.65	99.38	104.50	0.00	6898.61
14:58:30	1213.39	99.05	145.64	99.36	104.52	0.00	6898.61
14:58:45	1213.35	99.08	145.64	99.35	104.55	0.00	6898.61
14:59:00	1213.28	99.10	145.64	99.35	104.58	0.00	6898.61
14:59:15	1213.21	99.13	145.64	99.35	104.62	0.00	6898.61
14:59:30	1213.18	99.16	145.62	99.36	104.65	0.00	6898.61
14:59:45	1213.10	99.19	145.61	99.38	104.70	0.00	6898.61
15:00:00	1213.06	99.21	145.60	99.39	104.72	0.00	6898.61
15:00:15	1212.98	99.25	145.60	99.42	104.74	0.00	6898.61

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
15:00:30	1212.97	99.28	145.60	99.43	104.75	0.00	6898.61
15:00:45	1212.91	99.31	145.60	99.46	104.76	0.00	6898.61
15:01:00	1212.87	99.34	145.60	99.49	104.77	0.00	6898.61
15:01:15	1212.82	99.38	145.59	99.52	104.79	0.00	6898.61
15:01:30	1212.75	99.41	145.59	99.56	104.80	0.00	6898.61
15:01:45	1212.64	99.45	145.59	99.60	104.82	0.00	6898.61
15:02:00	1212.41	99.48	145.59	99.64	104.84	0.00	6898.61
15:02:15	1212.46	99.53	145.59	99.68	104.86	0.00	6898.61
15:02:30	1212.46	99.57	145.59	99.72	104.86	0.00	6898.61
15:02:45	1212.44	99.59	145.59	99.76	104.85	0.00	6898.61
15:03:00	1212.37	99.63	145.59	99.79	104.80	0.00	6898.61
15:03:15	1212.34	99.65	145.59	99.82	104.73	0.00	6898.61
15:03:30	1212.31	99.67	145.59	99.84	104.65	0.00	6898.61
15:03:45	1212.20	99.69	145.59	99.87	104.58	0.00	6898.61
15:04:00	1212.19	99.70	145.59	99.88	104.53	0.00	6898.61
15:04:15	1212.17	99.70	145.59	99.89	104.47	0.00	6898.61
15:04:30	1212.11	99.71	145.59	99.90	104.42	0.00	6898.61
15:04:45	1212.07	99.70	145.59	99.91	104.35	0.00	6898.61
15:05:00	1211.97	99.70	145.59	99.92	104.31	0.00	6898.61
15:05:15	1211.94	99.68	145.59	99.92	104.28	0.00	6898.61
15:05:30	1211.90	99.65	145.59	99.92	104.24	0.00	6898.61
15:05:45	1211.86	99.63	145.59	99.93	104.21	0.00	6898.61
15:06:00	1211.84	99.61	145.59	99.93	104.19	0.00	6898.61
15:06:15	1211.80	99.59	145.59	99.93	104.17	0.00	6898.61
15:06:30	1211.75	99.56	145.59	99.93	104.15	0.00	6898.61
15:06:45	1211.70	99.54	145.59	99.93	104.13	0.00	6898.61
15:07:00	1211.67	99.52	145.58	99.93	104.13	0.00	6898.61
15:07:15	1211.64	99.51	145.58	99.93	104.14	0.00	6898.61
15:07:30	1211.60	99.50	145.58	99.93	104.14	0.00	6898.61
15:07:45	1211.53	99.49	145.57	99.93	104.14	0.00	6898.61
15:08:00	1211.44	99.50	145.58	99.94	104.15	0.00	6898.61
15:08:15	1211.42	99.50	145.58	99.95	104.16	0.00	6898.61
15:08:30	1211.38	99.53	145.58	99.97	104.17	0.00	6898.61
15:08:45	1211.29	99.56	145.57	99.98	104.17	0.00	6898.61
15:09:00	1211.20	99.58	145.57	99.99	104.15	0.00	6898.61
15:09:15	1211.10	99.60	145.57	100.01	104.14	0.00	6898.61
15:09:30	1211.11	99.63	145.57	100.03	104.12	0.00	6898.61
15:09:45	1211.06	99.65	145.57	100.04	104.09	0.00	6898.61
15:10:00	1211.03	99.65	145.57	100.05	104.07	0.00	6898.61
15:10:15	1210.93	99.67	145.57	100.07	104.05	0.00	6898.61
15:10:30	1210.92	99.68	145.57	100.09	104.04	0.00	6898.61
15:10:45	1210.91	99.71	145.57	100.10	104.04	0.00	6898.61
15:11:00	1210.86	99.72	145.57	100.12	104.04	0.00	6898.61

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
15:11:15	1210.84	99.75	145.57	100.16	104.05	0.00	6898.61
15:11:30	1210.81	99.77	145.57	100.17	104.05	0.00	6898.61
15:11:45	1210.79	99.80	141.86	100.19	104.05	0.00	6898.61
15:12:00	1210.78	99.82	139.63	100.22	104.05	0.00	6898.61
15:12:15	1210.62	99.84	137.00	100.23	104.01	0.00	6898.61
15:12:30	1210.57	99.85	131.44	100.24	103.95	0.00	6898.61
15:12:45	1210.38	99.86	104.25	100.25	103.87	0.00	6898.61
15:13:00	1210.21	99.86	105.25	100.25	103.82	0.00	6898.61
15:13:15	1210.21	99.88	101.47	100.26	103.75	0.00	6898.61
15:13:30	1210.25	99.89	134.49	100.26	103.72	0.00	6898.61
15:13:45	1210.18	99.90	130.88	100.27	103.68	0.00	6898.61
15:14:00	1210.17	99.92	109.94	100.28	103.66	0.00	6898.61
15:14:15	1210.14	99.93	113.34	100.30	103.64	0.00	6898.61
15:14:30	1210.14	99.95	116.18	100.32	103.63	0.00	6898.61
15:14:45	1210.10	99.96	115.80	100.33	103.61	0.00	6898.61
15:15:00	1210.07	99.98	115.63	100.35	103.61	0.00	6898.61
15:15:15	1210.04	99.99	115.71	100.37	103.61	0.00	6898.61
15:15:30	1210.02	99.99	115.70	100.38	103.61	0.00	6898.61
15:15:45	1209.97	100.01	115.71	100.41	103.62	0.00	6898.61
15:16:00	1209.93	100.02	115.74	100.41	103.64	0.00	6898.61
15:16:15	1209.90	100.04	115.76	100.44	103.65	0.00	6898.61
15:16:30	1209.87	100.06	115.78	100.45	103.66	0.00	6898.61
15:16:45	1209.82	100.07	115.80	100.46	103.66	0.00	6898.61
15:17:00	1209.79	100.07	115.80	100.47	103.65	0.00	6898.61
15:17:15	1209.77	100.07	115.82	100.47	103.62	0.00	6898.61
15:17:30	1209.73	100.04	115.84	100.47	103.58	0.00	6898.61
15:17:45	1209.71	100.03	115.85	100.45	103.49	0.00	6898.61
15:18:00	1209.67	99.98	115.85	100.42	103.38	0.00	6898.61
15:18:15	1209.64	99.94	115.87	100.38	103.27	0.00	6898.61
15:18:30	1209.59	99.89	107.18	100.33	103.19	0.00	6898.61
15:18:45	1209.56	99.83	106.11	100.29	103.10	0.00	6898.61
15:19:00	1209.56	99.78	103.72	100.24	102.92	0.00	6898.61
15:19:15	1209.54	99.73	100.54	100.18	102.82	0.00	6898.61
15:19:30	1209.50	99.68	92.43	100.13	102.76	0.00	6898.61
15:19:45	1209.50	99.63	88.39	100.07	102.68	0.00	6898.61
15:20:00	1209.49	99.59	83.87	100.03	102.63	0.00	6898.61
15:20:15	1209.47	99.55	76.97	99.98	102.56	0.00	6898.61
15:20:30	1209.50	99.52	73.21	99.94	102.53	0.00	6898.61
15:20:45	1209.52	99.48	69.02	99.90	102.49	0.00	6898.61
15:21:00	1209.12	99.43	57.14	99.86	102.45	0.00	6898.61
15:21:15	1209.03	99.39	54.34	99.82	102.39	0.00	6898.61
15:21:30	1209.03	99.35	52.02	99.78	102.35	0.00	6898.61
15:21:45	1208.99	99.31	36.05	99.74	102.32	0.00	6898.61

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
15:22:00	1208.97	99.25	34.47	99.70	102.30	0.00	6898.61
15:22:15	1208.94	99.20	31.48	99.65	102.24	0.00	6898.61
15:22:30	1208.93	99.15	28.85	99.61	102.19	0.00	6898.61
15:22:45	1208.88	99.10	8.48	99.56	102.16	0.00	6898.61
15:23:00	1208.81	99.05	7.89	99.51	102.11	0.00	6898.61
15:23:15	1208.74	98.99	6.75	99.47	102.07	0.00	6898.61
15:23:30	1208.70	98.95	5.91	99.43	102.05	0.00	6898.61
15:23:45	1208.65	98.91	5.00	99.39	102.00	0.00	6898.61
15:24:00	1208.59	98.86	3.94	99.35	101.99	0.00	6898.61
15:24:15	1208.53	98.84	3.16	99.32	101.99	0.00	6898.61
15:24:30	1208.43	98.82	2.61	99.30	101.99	0.00	6898.61
15:24:45	1208.28	98.78	1.91	99.28	102.00	0.00	6898.61
15:25:00	1208.17	98.75	1.49	99.26	102.02	0.00	6898.61
15:25:15	1208.07	98.74	1.09	99.24	102.04	0.00	6898.61
15:25:30	1207.99	98.71	0.80	99.24	102.05	0.00	6898.61
15:25:45	1207.92	98.70	0.57	99.22	102.06	0.00	6898.61
15:26:00	1207.84	98.69	0.42	99.22	102.09	0.00	6898.61
15:26:15	1207.77	98.69	0.39	99.22	102.12	0.00	6898.61
15:26:30	1207.70	98.69	0.36	99.22	102.15	0.00	6898.61
15:26:45	1207.61	98.69	0.36	99.23	102.18	0.00	6898.61
15:27:00	1207.54	98.69	0.37	99.23	102.19	0.00	6898.61
15:27:15	1207.43	98.70	0.37	99.24	102.20	0.00	6898.61
15:27:30	1207.39	98.70	-0.32	99.24	102.21	0.00	6898.61
15:27:45	1207.35	98.71	-0.82	99.25	102.22	0.00	6898.61
15:28:00	1207.26	98.72	-1.29	99.27	102.23	0.00	6898.61
15:28:15	1207.22	98.73	-1.93	99.28	102.24	0.00	6898.61
15:28:30	1207.10	98.74	-2.35	99.29	102.24	0.00	6898.61
15:28:45	1207.06	98.75	-2.80	99.30	102.25	0.00	6898.61
15:29:00	1207.01	98.75	-3.19	99.31	102.25	0.00	6898.61
15:29:15	1206.92	98.75	-3.54	99.31	102.27	0.00	6898.61
15:29:30	1206.83	98.76	-3.80	99.32	102.28	0.00	6898.61
15:29:45	1206.77	98.77	-4.09	99.32	102.28	0.00	6898.61
15:30:00	1206.68	98.77	-4.31	99.32	102.30	0.00	6898.61
15:30:15	1206.58	98.78	-4.58	99.33	102.32	0.00	6898.61
15:30:30	1206.54	98.78	-4.78	99.33	102.34	0.00	6898.61
15:30:45	1206.52	98.79	-4.97	99.33	102.36	0.00	6898.61
15:31:00	1206.43	98.79	-5.15	99.33	102.37	0.00	6898.61
15:31:15	1206.42	98.79	-5.32	99.33	102.39	0.00	6898.61
15:31:30	1206.39	98.79	-5.44	99.33	102.40	0.00	6898.61
15:31:45	1206.38	98.79	-5.59	99.33	102.44	0.00	6898.61
15:32:00	1206.35	98.79	-5.63	99.33	102.48	0.00	6898.61
15:32:15	1214.82	98.81	-5.72	99.34	105.80	456.61	6965.69
15:32:30	1227.16	98.84	-5.78	99.36	108.10	471.20	7072.83

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
15:32:45	1238.42	98.88	-5.85	99.39	108.84	468.45	7197.34
15:33:00	1247.36	98.91	-5.90	99.41	109.05	465.30	7305.90
15:33:15	1256.63	98.96	-5.93	99.44	109.08	458.02	7428.38
15:33:30	1264.30	98.99	-6.11	99.47	109.08	460.84	7535.71
15:33:45	1272.33	99.05	-6.05	99.51	108.95	463.69	7658.95
15:34:00	1279.06	99.08	-6.03	99.54	108.79	464.03	7766.99
15:34:15	1286.54	99.12	-6.03	99.57	108.54	466.98	7891.18
15:34:30	1293.04	99.15	-6.06	99.61	108.26	471.79	8000.70
15:34:45	1301.01	99.19	-6.09	99.65	107.90	474.80	8127.30
15:35:00	1307.79	99.23	-5.79	99.67	107.61	475.87	8238.57
15:35:15	1314.89	99.26	-6.98	99.71	107.25	473.70	8365.36
15:35:30	1320.85	99.28	-6.13	99.74	107.02	469.30	8475.90
15:35:45	1327.55	99.32	-6.54	99.77	106.74	480.73	8602.50
15:36:00	1333.28	99.36	-6.06	99.79	106.46	476.40	8712.91
15:36:15	1330.09	99.38	-6.35	99.83	106.28	0.00	8733.81
15:36:30	1328.23	99.42	-6.06	99.87	106.25	0.00	8733.81
15:36:45	1326.13	99.46	-6.25	99.90	106.15	0.00	8733.81
15:37:00	1324.95	99.49	-6.08	99.93	106.12	0.00	8733.81
15:37:15	1323.92	99.54	-6.14	99.97	106.12	0.00	8733.81
15:37:30	1323.20	99.56	-6.11	100.01	106.12	0.00	8733.81
15:37:45	1322.50	99.58	-6.09	100.02	106.11	0.00	8733.81
15:38:00	1322.00	99.59	-6.11	100.04	106.09	0.00	8733.81
15:38:15	1321.47	99.60	-6.08	100.06	106.05	0.00	8733.81
15:38:30	1321.06	99.61	-6.08	100.08	106.02	0.00	8733.81
15:38:45	1320.61	99.62	-6.08	100.09	106.00	0.00	8733.81
15:39:00	1320.25	99.62	-6.06	100.10	105.96	0.00	8733.81
15:39:15	1319.89	99.62	-6.07	100.11	105.92	0.00	8733.81
15:39:30	1319.56	99.64	-6.05	100.13	105.90	0.00	8733.81
15:39:45	1319.23	99.65	-6.04	100.14	105.87	0.00	8733.81
15:40:00	1318.95	99.66	-6.04	100.16	105.85	0.00	8733.81
15:40:15	1318.65	99.68	-6.03	100.17	105.83	0.00	8733.81
15:40:30	1318.38	99.69	-6.03	100.19	105.81	0.00	8733.81
15:40:45	1318.11	99.71	-6.02	100.21	105.80	0.00	8733.81
15:41:00	1317.92	99.73	-6.01	100.23	105.78	0.00	8733.81
15:41:15	1317.65	99.75	-6.00	100.24	105.76	0.00	8733.81
15:41:30	1317.45	99.76	-5.98	100.27	105.73	0.00	8733.81
15:41:45	1317.24	99.79	-5.98	100.28	105.70	0.00	8733.81
15:42:00	1317.05	99.81	-5.96	100.31	105.67	0.00	8733.81
15:42:15	1316.83	99.85	-5.96	100.33	105.63	0.00	8733.81
15:42:30	1316.69	99.87	-5.96	100.35	105.61	0.00	8733.81
15:42:45	1316.43	99.90	-5.95	100.38	105.56	0.00	8733.81
15:43:00	1316.26	99.93	-5.60	100.40	105.55	0.00	8733.81
15:43:15	1316.09	99.97	-6.11	100.44	105.53	0.00	8733.81

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
15:43:30	1315.96	99.99	-5.76	100.46	105.51	0.00	8733.81
15:43:45	1315.80	100.03	-6.00	100.49	105.49	0.00	8733.81
15:44:00	1315.64	100.06	-5.90	100.51	105.47	0.00	8733.81
15:44:15	1315.52	100.08	-5.87	100.54	105.45	0.00	8733.81
15:44:30	1315.38	100.11	-5.92	100.55	105.43	0.00	8733.81
15:44:45	1315.24	100.13	-5.87	100.59	105.39	0.00	8733.81
15:45:00	1315.09	100.15	-5.91	100.61	105.35	0.00	8733.81
15:45:15	1314.97	100.19	-5.87	100.64	105.33	0.00	8733.81
15:45:30	1314.86	100.23	-5.88	100.66	105.30	0.00	8733.81
15:45:45	1314.69	100.26	-5.88	100.69	105.27	0.00	8733.81
15:46:00	1314.59	100.30	-5.86	100.72	105.25	0.00	8733.81
15:46:15	1314.45	100.33	-5.86	100.74	105.22	0.00	8733.81
15:46:30	1314.36	100.37	-5.85	100.78	105.21	0.00	8733.81
15:46:45	1314.24	100.41	-5.86	100.81	105.19	0.00	8733.81
15:47:00	1314.13	100.44	-5.85	100.83	105.17	0.00	8733.81
15:47:15	1314.00	100.47	-5.84	100.86	105.16	0.00	8733.81
15:47:30	1313.88	100.50	-5.84	100.89	105.15	0.00	8733.81
15:47:45	1313.78	100.54	-5.83	100.92	105.15	0.00	8733.81
15:48:00	1313.70	100.57	-5.83	100.95	105.15	0.00	8733.81
15:48:15	1313.58	100.62	-5.82	101.00	105.17	0.00	8733.81
15:48:30	1313.50	100.65	-5.81	101.04	105.17	0.00	8733.81
15:48:45	1313.40	100.71	-5.80	101.08	105.19	0.00	8733.81
15:49:00	1313.30	100.74	-5.80	101.12	105.19	0.00	8733.81
15:49:15	1236.03	100.77	-2.46	101.18	105.14	0.00	8733.81
15:49:30	1114.53	100.77	1.44	101.21	102.15	0.00	8733.81
15:49:45	976.54	100.76	25.46	101.27	101.20	0.00	8733.81
15:50:00	833.17	100.72	39.10	101.32	98.35	0.00	8733.81
15:50:15	813.48	100.70	38.06	101.37	98.46	0.00	8733.81
15:50:30	810.13	100.71	39.22	101.40	99.45	0.00	8733.81
15:50:45	805.99	100.75	40.03	101.45	100.39	0.00	8733.81
15:51:00	803.26	100.78	40.79	101.49	101.00	0.00	8733.81
15:51:15	801.02	100.83	41.40	101.52	101.59	0.00	8733.81
15:51:30	799.73	100.87	41.50	101.56	102.06	0.00	8733.81
15:51:45	798.46	100.92	41.91	101.59	102.46	0.00	8733.81
15:52:00	797.83	100.96	42.06	101.61	102.78	0.00	8733.81
15:52:15	797.38	101.00	42.06	101.65	103.09	0.00	8733.81
15:52:30	797.07	101.05	42.22	101.68	103.29	0.00	8733.81
15:52:45	797.00	101.09	42.37	101.71	103.48	0.00	8733.81
15:53:00	797.01	101.11	42.00	101.74	103.67	0.00	8733.81
15:53:15	797.06	101.15	42.32	101.77	103.75	0.00	8733.81
15:53:30	797.07	101.17	42.38	101.79	103.89	0.00	8733.81
15:53:45	797.02	101.19	42.06	101.81	103.94	0.00	8733.81
15:54:00	797.00	101.21	42.83	101.83	104.00	0.00	8733.81

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
15:54:15	797.39	101.23	43.12	101.86	104.06	0.00	8733.81
15:54:30	797.61	101.24	43.18	101.87	104.10	0.00	8733.81
15:54:45	797.88	101.27	43.03	101.90	104.18	0.00	8733.81
15:55:00	798.12	101.30	43.04	101.92	104.23	0.00	8733.81
15:55:15	798.36	101.33	43.08	101.93	104.28	0.00	8733.81
15:55:30	798.55	101.35	43.30	101.95	104.30	0.00	8733.81
15:55:45	798.78	101.38	43.26	101.98	104.38	0.00	8733.81
15:56:00	798.94	101.39	43.23	102.00	104.42	0.00	8733.81
15:56:15	798.77	101.41	43.39	102.01	104.45	0.00	8733.81
15:56:30	799.01	101.42	43.35	102.02	104.46	0.00	8733.81
15:56:45	799.21	101.42	43.35	102.03	104.46	0.00	8733.81
15:57:00	799.37	101.42	43.36	102.03	104.47	0.00	8733.81
15:57:15	799.47	101.42	43.37	102.04	104.46	0.00	8733.81
15:57:30	799.53	101.42	43.34	102.04	104.46	0.00	8733.81
15:57:45	799.59	101.42	43.33	102.04	104.45	0.00	8733.81
15:58:00	798.76	101.41	43.49	102.04	104.45	0.00	8733.81
15:58:15	797.60	101.41	43.60	102.04	104.43	0.00	8733.81
15:58:30	797.36	101.40	43.63	102.04	104.41	0.00	8733.81
15:58:45	797.70	101.40	43.65	102.04	104.40	0.00	8733.81
15:59:00	797.92	101.39	43.65	102.03	104.40	0.00	8733.81
15:59:15	798.14	101.38	43.68	102.03	104.39	0.00	8733.81
15:59:30	798.30	101.38	43.65	102.02	104.40	0.00	8733.81
15:59:45	798.45	101.37	43.53	102.01	104.41	0.00	8733.81
16:00:00	798.58	101.34	43.54	102.00	104.41	0.00	8733.81
16:00:15	798.73	101.34	43.37	101.99	104.41	0.00	8733.81
16:00:30	798.81	101.32	43.30	101.98	104.40	0.00	8733.81
16:00:45	798.93	101.30	43.61	101.96	104.38	0.00	8733.81
16:01:00	798.98	101.28	43.63	101.94	104.37	0.00	8733.81
16:01:15	799.08	101.25	43.64	101.92	104.36	0.00	8733.81
16:01:30	800.64	101.24	43.74	101.90	104.69	323.95	8747.06
16:01:45	810.09	101.23	43.70	101.89	108.62	424.82	8858.54
16:02:00	817.70	101.23	43.70	101.88	109.09	427.89	8957.52
16:02:15	826.40	101.23	43.83	101.87	109.31	424.12	9070.33
16:02:30	828.28	101.23	44.29	101.85	109.43	428.81	9171.34
16:02:45	832.68	101.23	44.82	101.85	109.56	442.19	9287.85
16:03:00	836.79	101.23	45.14	101.85	109.64	442.83	9390.63
16:03:15	844.13	101.23	45.42	101.84	109.75	433.73	9507.75
16:03:30	849.03	101.24	45.74	101.84	109.82	436.04	9610.12
16:03:45	850.09	101.25	46.52	101.84	109.84	445.61	9728.44
16:04:00	853.06	101.26	46.86	101.84	109.85	446.59	9832.73
16:04:15	858.61	101.27	47.31	101.84	110.02	442.05	9951.80
16:04:30	865.73	101.29	47.41	101.84	110.10	443.10	10055.47
16:04:45	872.08	101.31	47.59	101.84	110.20	445.86	10174.31

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
16:05:00	876.55	101.31	47.91	101.85	110.32	447.89	10278.71
16:05:15	882.73	101.32	48.14	101.86	110.50	446.03	10398.08
16:05:30	888.93	101.33	48.35	101.86	110.68	449.17	10502.92
16:05:45	893.93	101.34	48.75	101.87	110.88	455.99	10623.83
16:06:00	894.39	101.35	49.18	101.88	110.93	450.32	10730.24
16:06:15	898.78	101.36	49.83	101.89	111.18	452.50	10851.52
16:06:30	903.20	101.38	50.13	101.91	111.39	452.62	10957.56
16:06:45	905.55	101.40	50.71	101.92	111.67	462.76	11079.10
16:07:00	909.48	101.42	51.10	101.93	111.91	464.31	11185.73
16:07:15	910.52	101.44	51.74	101.94	112.21	453.93	11307.82
16:07:30	910.70	101.45	52.56	101.96	112.40	449.55	11414.49
16:07:45	906.71	101.48	53.37	101.98	112.60	19.59	11480.12
16:08:00	900.88	101.49	54.17	101.99	112.37	0.00	11480.12
16:08:15	891.63	101.50	55.23	102.00	111.87	0.00	11480.12
16:08:30	886.23	101.50	55.91	102.01	111.45	0.00	11480.12
16:08:45	883.06	101.52	56.42	102.02	111.15	0.00	11480.12
16:09:00	880.46	101.52	56.78	102.03	110.92	0.00	11480.12
16:09:15	878.20	101.53	57.12	102.04	110.70	0.00	11480.12
16:09:30	876.76	101.54	57.31	102.06	110.58	0.00	11480.12
16:09:45	875.20	101.55	57.55	102.06	110.43	0.00	11480.12
16:10:00	874.12	101.57	57.72	102.07	110.28	0.00	11480.12
16:10:15	873.00	101.58	57.88	102.09	110.14	0.00	11480.12
16:10:30	872.10	101.60	57.99	102.10	110.02	0.00	11480.12
16:10:45	871.08	101.62	58.15	102.12	109.94	0.00	11480.12
16:11:00	870.19	101.64	58.26	102.13	109.87	0.00	11480.12
16:11:15	869.28	101.66	58.38	102.15	109.78	0.00	11480.12
16:11:30	868.59	101.67	58.46	102.16	109.70	0.00	11480.12
16:11:45	867.93	101.68	58.55	102.18	109.60	0.00	11480.12
16:12:00	867.41	101.69	58.62	102.18	109.58	0.00	11480.12
16:12:15	866.81	101.70	58.70	102.20	109.51	0.00	11480.12
16:12:30	866.33	101.71	58.77	102.21	109.42	0.00	11480.12
16:12:45	865.78	101.71	58.87	102.22	109.36	0.00	11480.12
16:13:00	865.40	101.71	58.90	102.23	109.31	0.00	11480.12
16:13:15	864.91	101.72	58.96	102.24	109.23	0.00	11480.12
16:13:30	864.50	101.72	59.02	102.25	109.19	0.00	11480.12
16:13:45	864.06	101.72	59.10	102.25	109.13	0.00	11480.12
16:14:00	863.68	101.71	59.14	102.26	109.08	0.00	11480.12
16:14:15	863.20	101.71	59.20	102.26	109.02	0.00	11480.12
16:14:30	862.82	101.69	59.25	102.26	108.91	0.00	11480.12
16:14:45	862.43	101.68	59.31	102.25	108.80	0.00	11480.12
16:15:00	862.14	101.64	59.35	102.24	108.73	0.00	11480.12
16:15:15	861.83	101.60	59.40	102.21	108.62	0.00	11480.12
16:15:30	861.53	101.56	59.34	102.20	108.51	0.00	11480.12

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
16:15:45	861.28	101.52	59.46	102.16	108.34	0.00	11480.12
16:16:00	861.07	101.47	59.51	102.13	108.29	0.00	11480.12
16:16:15	860.86	101.41	59.55	102.09	108.13	0.00	11480.12
16:16:30	860.63	101.36	59.59	102.05	108.04	0.00	11480.12
16:16:45	860.46	101.32	59.62	102.02	108.00	0.00	11480.12
16:17:00	860.29	101.28	59.64	101.97	107.90	0.00	11480.12
16:17:15	860.15	101.23	59.66	101.94	107.81	0.00	11480.12
16:17:30	859.99	101.21	59.67	101.92	107.78	0.00	11480.12
16:17:45	859.89	101.19	59.70	101.88	107.70	0.00	11480.12
16:18:00	859.78	101.17	59.72	101.86	107.66	0.00	11480.12
16:18:15	859.67	101.16	59.72	101.84	107.60	0.00	11480.12
16:18:30	859.58	101.16	59.73	101.83	107.58	0.00	11480.12
16:18:45	859.48	101.16	59.74	101.82	107.51	0.00	11480.12
16:19:00	859.41	101.16	59.76	101.82	107.50	0.00	11480.12
16:19:15	859.34	101.18	59.75	101.81	107.46	0.00	11480.12
16:19:30	859.28	101.19	59.74	101.81	107.44	0.00	11480.12
16:19:45	859.23	101.20	59.73	101.82	107.42	0.00	11480.12
16:20:00	859.20	101.22	59.73	101.82	107.41	0.00	11480.12
16:20:15	859.18	101.24	59.74	101.83	107.39	0.00	11480.12
16:20:30	859.13	101.24	59.75	101.83	107.36	0.00	11480.12
16:20:45	859.12	101.26	59.75	101.84	107.32	0.00	11480.12
16:21:00	859.10	101.26	59.89	101.85	107.28	0.00	11480.12
16:21:15	859.08	101.26	59.84	101.85	107.25	0.00	11480.12
16:21:30	859.07	101.27	59.83	101.85	107.20	0.00	11480.12
16:21:45	859.05	101.27	59.83	101.85	107.17	0.00	11480.12
16:22:00	859.05	101.26	59.83	101.85	107.10	0.00	11480.12
16:22:15	859.04	101.26	59.83	101.85	107.05	0.00	11480.12
16:22:30	859.03	101.25	59.83	101.85	107.00	0.00	11480.12
16:22:45	859.02	101.23	59.83	101.84	106.95	0.00	11480.12
16:23:00	859.00	101.21	59.83	101.83	106.85	0.00	11480.12
16:23:15	859.00	101.19	59.83	101.81	106.81	0.00	11480.12
16:23:30	858.99	101.16	59.82	101.79	106.71	0.00	11480.12
16:23:45	859.00	101.15	59.83	101.78	106.66	0.00	11480.12
16:24:00	859.01	101.12	59.83	101.76	106.61	0.00	11480.12
16:24:15	858.99	101.09	59.83	101.74	106.52	0.00	11480.12
16:24:30	858.99	101.07	59.83	101.71	106.48	0.00	11480.12
16:24:45	858.99	101.05	59.83	101.69	106.41	0.00	11480.12
16:25:00	858.98	101.03	59.83	101.67	106.37	0.00	11480.12
16:25:15	858.97	101.01	59.83	101.65	106.30	0.00	11480.12
16:25:30	858.98	101.00	59.83	101.63	106.24	0.00	11480.12
16:25:45	858.97	100.98	59.83	101.62	106.19	0.00	11480.12
16:26:00	858.98	100.97	59.83	101.61	106.15	0.00	11480.12
16:26:15	858.97	100.96	59.83	101.59	106.08	0.00	11480.12

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
16:26:30	858.98	100.94	59.84	101.57	106.04	0.00	11480.12
16:26:45	858.98	100.93	59.84	101.56	106.01	0.00	11480.12
16:27:00	858.98	100.92	59.84	101.55	105.98	0.00	11480.12
16:27:15	858.98	100.91	59.83	101.54	105.94	0.00	11480.12
16:27:30	858.98	100.90	59.83	101.53	105.90	0.00	11480.12
16:27:45	858.98	100.89	59.83	101.52	105.88	0.00	11480.12
16:28:00	858.98	100.89	59.84	101.51	105.86	0.00	11480.12
16:28:15	858.98	100.88	59.84	101.50	105.84	0.00	11480.12
16:28:30	858.97	100.88	59.84	101.49	105.81	0.00	11480.12
16:28:45	858.97	100.87	59.84	101.49	105.79	0.00	11480.12
16:29:00	858.96	100.86	59.84	101.48	105.75	0.00	11480.12
16:29:15	858.97	100.85	59.84	101.46	105.71	0.00	11480.12
16:29:30	858.96	100.83	59.84	101.45	105.67	0.00	11480.12
16:29:45	858.97	100.82	59.84	101.44	105.60	0.00	11480.12
16:30:00	858.96	100.78	59.84	101.41	105.57	0.00	11480.12
16:30:15	858.97	100.75	59.84	101.38	105.49	0.00	11480.12
16:30:30	858.95	100.72	59.84	101.37	105.43	0.00	11480.12
16:30:45	858.96	100.67	59.84	101.34	105.38	0.00	11480.12
16:31:00	858.96	100.65	59.85	101.30	105.34	0.00	11480.12
16:31:15	858.95	100.61	59.85	101.28	105.27	0.00	11480.12
16:31:30	858.96	100.58	59.85	101.25	105.22	0.00	11480.12
16:31:45	858.94	100.54	59.85	101.23	105.12	0.00	11480.12
16:32:00	858.96	100.52	59.85	101.19	105.10	0.00	11480.12
16:32:15	858.96	100.50	59.85	101.16	105.04	0.00	11480.12
16:32:30	858.96	100.47	59.85	101.14	104.99	0.00	11480.12
16:32:45	858.96	100.44	59.85	101.11	104.93	0.00	11480.12
16:33:00	858.96	100.41	59.85	101.08	104.88	0.00	11480.12
16:33:15	858.97	100.38	59.85	101.04	104.81	0.00	11480.12
16:33:30	858.96	100.36	59.86	101.02	104.78	0.00	11480.12
16:33:45	858.96	100.32	59.85	100.99	104.76	0.00	11480.12
16:34:00	858.96	100.31	59.85	100.96	104.73	0.00	11480.12
16:34:15	858.97	100.28	59.85	100.93	104.70	0.00	11480.12
16:34:30	858.96	100.26	59.85	100.91	104.65	0.00	11480.12
16:34:45	858.96	100.24	59.84	100.88	104.62	0.00	11480.12
16:35:00	858.98	100.22	59.85	100.84	104.61	0.00	11480.12
16:35:15	858.97	100.19	59.83	100.81	104.60	0.00	11480.12
16:35:30	858.96	100.16	59.83	100.78	104.57	0.00	11480.12
16:35:45	858.96	100.12	59.82	100.74	104.53	0.00	11480.12
16:36:00	858.97	100.11	59.82	100.72	104.51	0.00	11480.12
16:36:15	858.97	100.07	59.83	100.69	104.48	0.00	11480.12
16:36:30	858.95	100.04	59.83	100.66	104.44	0.00	11480.12
16:36:45	858.96	100.01	59.82	100.63	104.43	0.00	11480.12
16:37:00	858.96	99.99	59.82	100.60	104.40	0.00	11480.12

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
16:37:15	858.97	99.96	59.82	100.57	104.38	0.00	11480.12
16:37:30	858.97	99.94	59.83	100.54	104.37	0.00	11480.12
16:37:45	858.97	99.91	59.84	100.50	104.36	0.00	11480.12
16:38:00	858.97	99.90	59.83	100.49	104.35	0.00	11480.12
16:38:15	858.97	99.88	59.87	100.46	104.34	0.00	11480.12
16:38:30	858.99	99.87	59.86	100.44	104.33	0.00	11480.12
16:38:45	858.97	99.84	59.86	100.42	104.29	0.00	11480.12
16:39:00	858.97	99.83	59.86	100.39	104.27	0.00	11480.12
16:39:15	858.98	99.81	59.85	100.37	104.25	0.00	11480.12
16:39:30	858.97	99.77	59.85	100.35	104.21	0.00	11480.12
16:39:45	858.98	99.76	59.85	100.32	104.18	0.00	11480.12
16:40:00	858.97	99.73	59.85	100.29	104.14	0.00	11480.12
16:40:15	858.97	99.71	59.85	100.28	104.12	0.00	11480.12
16:40:30	858.97	99.69	59.85	100.25	104.10	0.00	11480.12
16:40:45	858.96	99.66	59.85	100.23	104.06	0.00	11480.12
16:41:00	858.97	99.65	59.85	100.21	104.05	0.00	11480.12
16:41:15	858.97	99.64	59.85	100.20	104.01	0.00	11480.12
16:41:30	858.95	99.62	59.85	100.18	103.99	0.00	11480.12
16:41:45	858.97	99.61	59.86	100.17	103.98	0.00	11480.12
16:42:00	858.97	99.60	59.86	100.15	103.97	0.00	11480.12
16:42:15	858.96	99.58	59.86	100.13	103.96	0.00	11480.12
16:42:30	858.97	99.57	59.86	100.12	103.94	0.00	11480.12
16:42:45	858.96	99.55	59.86	100.11	103.92	0.00	11480.12
16:43:00	858.95	99.53	59.86	100.09	103.89	0.00	11480.12
16:43:15	858.96	99.52	59.86	100.07	103.85	0.00	11480.12
16:43:30	858.95	99.50	59.86	100.06	103.81	0.00	11480.12
16:43:45	858.96	99.48	59.86	100.04	103.78	0.00	11480.12
16:44:00	858.96	99.47	59.86	100.02	103.74	0.00	11480.12
16:44:15	858.96	99.46	59.87	100.00	103.71	0.00	11480.12
16:44:30	858.95	99.44	59.87	99.99	103.69	0.00	11480.12
16:44:45	858.96	99.43	59.87	99.98	103.65	0.00	11480.12
16:45:00	858.95	99.42	59.86	99.96	103.63	0.00	11480.12
16:45:15	858.95	99.41	59.86	99.94	103.60	0.00	11480.12
16:45:30	858.94	99.40	59.86	99.93	103.59	0.00	11480.12
16:45:45	858.96	99.40	59.86	99.92	103.57	0.00	11480.12
16:46:00	858.95	99.40	59.86	99.92	103.57	0.00	11480.12
16:46:15	858.96	99.40	59.86	99.91	103.59	0.00	11480.12
16:46:30	858.95	99.40	59.86	99.90	103.59	0.00	11480.12
16:46:45	858.95	99.40	59.86	99.90	103.62	0.00	11480.12
16:47:00	858.95	99.40	59.87	99.89	103.65	0.00	11480.12
16:47:15	858.95	99.39	59.86	99.89	103.66	0.00	11480.12
16:47:30	858.95	99.39	59.86	99.88	103.64	0.00	11480.12
16:47:45	858.96	99.39	59.86	99.88	103.60	0.00	11480.12

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
16:48:00	858.95	99.37	59.86	99.87	103.59	0.00	11480.12
16:48:15	858.94	99.33	59.86	99.86	103.57	0.00	11480.12
16:48:30	858.93	99.29	59.86	99.85	103.54	0.00	11480.12
16:48:45	858.95	99.22	59.87	99.83	103.54	0.00	11480.12
16:49:00	858.95	99.14	59.86	99.81	103.52	0.00	11480.12
16:49:15	858.99	99.04	59.86	99.79	103.50	0.00	11480.12
16:49:30	858.98	98.93	59.86	99.77	103.43	0.00	11480.12
16:49:45	858.99	98.83	59.87	99.75	103.30	0.00	11480.12
16:50:00	859.00	98.76	59.87	99.75	103.09	0.00	11480.12
16:50:15	858.99	98.66	59.87	99.73	102.87	0.00	11480.12
16:50:30	859.00	98.60	59.87	99.71	102.66	0.00	11480.12
16:50:45	859.00	98.53	59.87	99.70	102.37	0.00	11480.12
16:51:00	858.99	98.48	59.87	99.69	102.15	0.00	11480.12
16:51:15	858.98	98.42	59.87	99.67	101.89	0.00	11480.12
16:51:30	858.98	98.38	59.86	99.66	101.67	0.00	11480.12
16:51:45	858.98	98.34	59.87	99.65	101.40	0.00	11480.12
16:52:00	858.97	98.31	59.87	99.64	101.21	0.00	11480.12
16:52:15	858.98	98.29	59.88	99.62	100.97	0.00	11480.12
16:52:30	858.98	98.28	59.88	99.60	100.74	0.00	11480.12
16:52:45	858.98	98.26	59.88	99.59	100.59	0.00	11480.12
16:53:00	858.97	98.25	59.88	99.58	100.42	0.00	11480.12
16:53:15	858.97	98.24	59.88	99.57	100.25	0.00	11480.12
16:53:30	858.97	98.24	59.88	99.56	100.11	0.00	11480.12
16:53:45	858.98	98.26	59.88	99.55	100.05	0.00	11480.12
16:54:00	858.97	98.26	59.88	99.55	99.97	0.00	11480.12
16:54:15	858.98	98.30	59.88	99.55	99.89	0.00	11480.12
16:54:30	859.00	98.35	59.88	99.55	99.84	0.00	11480.12
16:54:45	858.97	98.39	59.88	99.56	99.82	0.00	11480.12
16:55:00	858.99	98.43	59.88	99.56	99.82	0.00	11480.12
16:55:15	858.96	98.48	59.88	99.58	99.82	0.00	11480.12
16:55:30	858.96	98.52	59.88	99.60	99.82	0.00	11480.12
16:55:45	858.96	98.57	59.88	99.62	99.85	0.00	11480.12
16:56:00	858.97	98.63	59.88	99.64	99.87	0.00	11480.12
16:56:15	858.96	98.69	59.88	99.67	99.89	0.00	11480.12
16:56:30	858.98	98.75	59.88	99.69	99.95	0.00	11480.12
16:56:45	858.96	98.80	59.88	99.72	100.00	0.00	11480.12
16:57:00	858.96	98.85	59.88	99.74	100.04	0.00	11480.12
16:57:15	858.96	98.91	59.88	99.78	100.12	0.00	11480.12
16:57:30	858.95	98.95	59.88	99.79	100.18	0.00	11480.12
16:57:45	858.96	99.00	59.88	99.81	100.25	0.00	11480.12
16:58:00	858.96	99.03	59.88	99.83	100.33	0.00	11480.12
16:58:15	858.94	99.05	59.88	99.85	100.38	0.00	11480.12
16:58:30	858.96	99.09	59.88	99.87	100.44	0.00	11480.12

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
16:58:45	858.94	99.12	59.88	99.89	100.52	0.00	11480.12
16:59:00	858.94	99.14	59.88	99.90	100.59	0.00	11480.12
16:59:15	858.94	99.18	59.88	99.92	100.66	0.00	11480.12
16:59:30	858.95	99.21	59.88	99.94	100.73	0.00	11480.12
16:59:45	858.94	99.25	59.88	99.97	100.79	0.00	11480.12
17:00:00	858.95	99.28	59.88	99.98	100.91	0.00	11480.12
17:00:15	858.93	99.32	59.88	100.01	101.01	0.00	11480.12
17:00:30	858.96	99.36	59.89	100.03	101.13	0.00	11480.12
17:00:45	858.94	99.40	59.88	100.06	101.18	0.00	11480.12
17:01:00	858.94	99.43	59.88	100.08	101.28	0.00	11480.12
17:01:15	858.94	99.47	59.88	100.11	101.38	0.00	11480.12
17:01:30	858.93	99.51	59.88	100.13	101.44	0.00	11480.12
17:01:45	858.93	99.54	59.88	100.16	101.52	0.00	11480.12
17:02:00	858.93	99.58	59.88	100.19	101.62	0.00	11480.12
17:02:15	858.92	99.62	59.88	100.21	101.67	0.00	11480.12
17:02:30	858.93	99.65	59.88	100.23	101.73	0.00	11480.12
17:02:45	858.93	99.69	59.88	100.26	101.76	0.00	11480.12
17:03:00	858.93	99.72	59.88	100.28	101.81	0.00	11480.12
17:03:15	858.92	99.74	59.88	100.30	101.86	0.00	11480.12
17:03:30	858.93	99.78	59.88	100.32	101.91	0.00	11480.12
17:03:45	858.92	99.80	59.89	100.35	101.94	0.00	11480.12
17:04:00	858.93	99.83	59.88	100.37	101.99	0.00	11480.12
17:04:15	858.92	99.87	59.88	100.40	102.05	0.00	11480.12
17:04:30	858.93	99.90	59.88	100.42	102.10	0.00	11480.12
17:04:45	858.92	99.93	59.88	100.45	102.16	0.00	11480.12
17:05:00	858.92	99.96	59.88	100.47	102.25	0.00	11480.12
17:05:15	858.91	99.99	59.87	100.50	102.28	0.00	11480.12
17:05:30	858.91	100.00	59.87	100.52	102.31	0.00	11480.12
17:05:45	858.92	100.02	59.87	100.54	102.36	0.00	11480.12
17:06:00	858.92	100.04	59.87	100.55	102.39	0.00	11480.12
17:06:15	858.91	100.04	59.87	100.56	102.43	0.00	11480.12
17:06:30	858.91	100.05	59.87	100.57	102.45	0.00	11480.12
17:06:45	858.91	100.05	59.86	100.58	102.49	0.00	11480.12
17:07:00	858.91	100.06	59.87	100.58	102.54	0.00	11480.12
17:07:15	858.91	100.06	59.88	100.59	102.56	0.00	11480.12
17:07:30	858.91	100.06	59.88	100.59	102.58	0.00	11480.12
17:07:45	858.91	100.06	59.89	100.60	102.62	0.00	11480.12
17:08:00	858.91	100.06	59.88	100.60	102.64	0.00	11480.12
17:08:15	858.91	100.05	59.88	100.60	102.69	0.00	11480.12
17:08:30	858.91	100.05	59.88	100.60	102.69	0.00	11480.12
17:08:45	858.91	100.04	59.88	100.59	102.74	0.00	11480.12
17:09:00	858.90	100.03	59.88	100.59	102.77	0.00	11480.12
17:09:15	858.90	100.02	59.88	100.58	102.83	0.00	11480.12

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
17:09:30	858.90	100.00	59.88	100.58	102.83	0.00	11480.12
17:09:45	858.90	99.99	59.88	100.56	102.86	0.00	11480.12
17:10:00	858.91	99.98	59.88	100.55	102.87	0.00	11480.12
17:10:15	858.91	99.97	59.89	100.54	102.88	0.00	11480.12
17:10:30	858.90	99.95	59.89	100.54	102.92	0.00	11480.12
17:10:45	858.91	99.95	59.89	100.53	102.94	0.00	11480.12
17:11:00	858.91	99.94	59.88	100.52	102.97	0.00	11480.12
17:11:15	858.91	99.94	59.88	100.51	103.00	0.00	11480.12
17:11:30	858.90	99.94	59.88	100.51	103.05	0.00	11480.12
17:11:45	858.90	99.95	59.88	100.50	103.07	0.00	11480.12
17:12:00	858.91	99.96	59.88	100.51	103.09	0.00	11480.12
17:12:15	858.91	99.98	59.88	100.51	103.16	0.00	11480.12
17:12:30	858.92	100.00	59.88	100.52	103.20	0.00	11480.12
17:12:45	858.92	100.03	59.88	100.54	103.25	0.00	11480.12
17:13:00	858.90	100.05	59.88	100.55	103.30	0.00	11480.12
17:13:15	858.92	100.10	59.88	100.58	103.38	0.00	11480.12
17:13:30	858.92	100.13	59.88	100.60	103.41	0.00	11480.12
17:13:45	858.91	100.16	59.89	100.63	103.47	0.00	11480.12
17:14:00	858.90	100.19	59.88	100.66	103.50	0.00	11480.12
17:14:15	858.92	100.22	59.88	100.68	103.55	0.00	11480.12
17:14:30	858.91	100.24	59.88	100.70	103.62	0.00	11480.12
17:14:45	858.91	100.25	59.88	100.71	103.65	0.00	11480.12
17:15:00	858.90	100.25	59.87	100.72	103.66	0.00	11480.12
17:15:15	858.90	100.26	59.88	100.73	103.68	0.00	11480.12
17:15:30	858.91	100.26	59.88	100.73	103.69	0.00	11480.12
17:15:45	858.90	100.24	59.88	100.73	103.70	0.00	11480.12
17:16:00	858.90	100.23	59.88	100.73	103.70	0.00	11480.12
17:16:15	858.90	100.22	59.88	100.73	103.71	0.00	11480.12
17:16:30	858.90	100.20	59.88	100.72	103.71	0.00	11480.12
17:16:45	858.90	100.17	59.88	100.70	103.70	0.00	11480.12
17:17:00	858.89	100.15	59.88	100.69	103.69	0.00	11480.12
17:17:15	868.15	100.13	59.95	100.68	106.85	535.18	11614.64
17:17:30	875.57	100.12	60.08	100.66	107.70	535.85	11739.89
17:17:45	882.92	100.11	60.25	100.65	108.04	529.27	11882.32
17:18:00	889.25	100.10	60.37	100.63	108.12	532.97	12006.47
17:18:15	896.69	100.10	60.56	100.63	108.14	532.73	12148.94
17:18:30	902.60	100.10	60.67	100.62	108.07	540.79	12274.42
17:18:45	910.46	100.10	60.86	100.61	107.87	539.36	12418.32
17:19:00	915.69	100.11	61.07	100.61	107.56	549.12	12545.32
17:19:15	923.52	100.13	61.23	100.61	107.16	544.62	12690.57
17:19:30	928.46	100.14	61.47	100.61	106.78	550.18	12817.91
17:19:45	936.17	100.15	61.60	100.61	106.33	547.99	12963.48
17:20:00	940.62	100.15	61.86	100.61	105.92	547.78	13091.07

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
17:20:15	948.26	100.16	62.02	100.61	105.43	549.41	13236.78
17:20:30	953.88	100.16	62.20	100.61	104.96	546.66	13364.67
17:20:45	960.47	100.16	62.40	100.60	104.51	550.88	13511.16
17:21:00	965.43	100.16	62.62	100.60	104.01	550.87	13639.88
17:21:15	971.02	100.16	63.13	100.60	103.41	576.17	13788.03
17:21:30	974.36	100.16	63.42	100.60	102.78	595.41	13930.05
17:21:45	982.43	100.17	63.68	100.60	102.12	579.14	14085.96
17:22:00	988.61	100.17	63.81	100.59	101.51	564.93	14219.25
17:22:15	991.21	100.17	64.37	100.59	100.80	573.88	14371.57
17:22:30	990.76	100.18	65.19	100.59	100.01	562.61	14504.18
17:22:45	994.91	100.18	65.68	100.59	99.47	562.11	14654.83
17:23:00	998.28	100.17	66.21	100.58	98.68	563.82	14786.47
17:23:15	1003.53	100.16	66.58	100.57	98.09	559.79	14936.74
17:23:30	1008.62	100.14	66.58	100.56	97.54	566.56	15067.81
17:23:45	1006.88	100.12	68.00	100.55	96.58	563.35	15218.45
17:24:00	1014.46	100.10	67.99	100.54	96.14	562.91	15349.23
17:24:15	1020.11	100.08	68.15	100.52	95.68	559.25	15498.60
17:24:30	1024.94	100.07	68.46	100.50	94.85	562.79	15629.25
17:24:45	993.26	100.03	74.93	100.48	93.76	590.24	15782.69
17:25:00	956.16	99.99	79.78	100.46	92.89	584.68	15919.06
17:25:15	934.31	99.94	83.57	100.43	92.28	582.24	16072.97
17:25:30	921.28	99.90	86.36	100.41	91.93	571.48	16206.97
17:25:45	924.30	99.86	87.03	100.38	91.69	563.86	16358.15
17:26:00	929.83	99.83	87.33	100.35	91.43	569.02	16490.03
17:26:15	937.38	99.80	87.36	100.33	91.14	565.66	16640.22
17:26:30	943.74	99.78	87.46	100.30	90.80	568.20	16771.81
17:26:45	951.46	99.76	87.65	100.27	90.49	559.80	16921.88
17:27:00	955.72	99.75	87.62	100.26	90.33	547.35	17050.59
17:27:15	934.93	99.74	92.59	100.23	89.85	582.16	17199.76
17:27:30	906.91	99.72	97.05	100.22	89.08	554.86	17331.51
17:27:45	898.42	99.71	99.21	100.21	89.02	559.26	17479.95
17:28:00	898.32	99.71	100.26	100.20	89.05	552.93	17609.24
17:28:15	898.93	99.70	101.29	100.19	89.06	558.03	17757.49
17:28:30	899.91	99.71	102.14	100.19	89.04	555.45	17887.73
17:28:45	900.63	99.74	103.16	100.19	88.98	561.02	18036.89
17:29:00	901.95	99.75	103.89	100.19	88.94	551.92	18167.31
17:29:15	902.92	99.78	104.86	100.19	88.95	563.06	18317.44
17:29:30	904.01	99.79	105.70	100.20	88.98	561.15	18448.88
17:29:45	904.82	99.81	106.64	100.21	89.05	561.54	18599.02
17:30:00	906.24	99.84	107.35	100.21	89.14	561.57	18730.42
17:30:15	906.76	99.86	108.37	100.23	89.25	560.14	18881.39
17:30:30	907.62	99.87	109.22	100.23	89.40	561.31	19012.44
17:30:45	908.73	99.90	110.14	100.24	89.50	554.58	19161.89

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
17:31:00	909.43	99.91	110.93	100.25	89.66	562.12	19292.92
17:31:15	910.48	99.92	111.86	100.26	89.86	556.14	19441.91
17:31:30	911.22	99.93	112.63	100.27	90.03	561.91	19572.56
17:31:45	912.28	99.93	113.55	100.27	90.26	555.05	19721.59
17:32:00	912.56	99.94	114.47	100.28	90.41	566.25	19852.47
17:32:15	913.48	99.94	115.37	100.28	90.57	555.42	20001.62
17:32:30	914.23	99.94	116.16	100.29	90.78	565.30	20132.49
17:32:45	915.23	99.95	117.08	100.29	90.97	557.68	20281.75
17:33:00	915.47	99.95	117.89	100.29	91.10	564.17	20412.46
17:33:15	917.03	99.95	118.85	100.30	91.26	928.16	20573.85
17:33:30	925.77	99.95	120.41	100.30	90.74	1824.83	20931.93
17:33:45	930.79	99.95	123.42	100.30	87.96	1888.76	21433.67
17:34:00	935.43	99.95	126.26	100.29	83.23	2183.96	21902.56
17:34:15	939.61	99.93	129.51	100.29	73.96	2031.04	22483.91
17:34:30	942.19	99.91	132.53	100.28	68.96	1977.73	22948.89
17:34:45	945.35	99.90	135.75	100.27	65.37	1968.61	23475.60
17:35:00	947.97	99.87	138.52	100.25	64.46	1942.67	23932.98
17:35:15	950.66	99.85	141.66	100.23	65.64	1937.85	24449.37
17:35:30	953.03	99.82	144.37	100.21	68.20	1952.84	24903.68
17:35:45	956.16	99.80	147.46	100.19	72.71	1962.79	25426.21
17:36:00	958.74	99.79	150.12	100.18	77.58	1957.74	25882.68
17:36:15	961.61	99.78	153.19	100.18	83.85	1971.96	26407.01
17:36:30	963.77	99.77	155.95	100.17	89.59	1976.50	26867.76
17:36:45	966.08	99.77	159.09	100.16	96.13	1966.50	27394.18
17:37:00	968.25	99.77	161.79	100.16	101.18	1941.89	27848.33
17:37:15	971.04	99.78	164.69	100.16	106.14	1940.39	28365.08
17:37:30	973.53	99.80	167.26	100.16	109.58	1932.35	28816.20
17:37:45	976.48	99.81	170.11	100.17	112.36	1925.29	29330.91
17:38:00	978.83	99.83	172.73	100.17	113.42	1916.07	29780.29
17:38:15	981.99	99.85	175.28	100.18	112.73	1957.11	30293.76
17:38:30	985.03	99.86	178.21	100.20	109.33	2069.22	30769.18
17:38:45	986.35	99.88	181.55	100.21	101.82	2035.64	31319.18
17:39:00	987.92	99.90	184.24	100.22	94.65	1974.72	31784.67
17:39:15	990.35	99.91	187.16	100.24	86.71	1949.43	32306.77
17:39:30	993.19	99.93	189.62	100.25	80.28	1951.22	32761.82
17:39:45	996.25	99.95	192.46	100.26	74.18	1947.65	33282.05
17:40:00	998.58	99.96	194.94	100.27	70.24	1941.08	33736.90
17:40:15	1001.39	99.98	197.64	100.28	67.46	1905.20	34244.91
17:40:30	1004.73	100.00	199.83	100.29	65.97	1921.24	34691.82
17:40:45	1007.34	100.02	202.64	100.30	65.03	1929.77	35205.78
17:41:00	1009.60	100.04	205.04	100.31	64.77	1933.51	35656.56
17:41:15	1012.23	100.04	207.78	100.32	64.68	1930.92	36171.92
17:41:30	1014.34	100.07	210.23	100.33	64.61	1930.03	36623.03

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
17:41:45	1016.82	100.08	212.93	100.34	64.08	1944.27	37140.09
17:42:00	1019.24	100.09	215.40	100.34	62.68	1981.75	37602.47
17:42:15	1021.80	100.10	218.13	100.36	60.39	1964.37	38127.65
17:42:30	1024.06	100.11	220.55	100.36	57.77	1949.31	38584.07
17:42:45	1026.62	100.12	223.22	100.37	54.40	1944.31	39103.87
17:43:00	1028.90	100.13	225.56	100.38	51.31	1942.43	39557.94
17:43:15	1032.85	100.13	227.75	100.39	47.91	1975.45	40083.56
17:43:30	1038.36	100.13	229.52	100.39	45.45	1962.78	40543.35
17:43:45	1043.11	100.14	232.17	100.39	43.67	1961.47	41066.20
17:44:00	1041.20	100.13	235.03	100.40	42.96	1963.66	41523.97
17:44:15	1042.12	100.13	238.11	100.40	42.99	1963.54	42047.67
17:44:30	1042.61	100.13	240.67	100.40	44.06	1944.91	42502.24
17:44:45	1045.00	100.12	243.09	100.41	45.84	1949.51	43021.60
17:45:00	1048.86	100.11	245.55	100.41	48.13	1958.30	43478.06
17:45:15	1047.98	100.11	248.60	100.41	51.09	1950.46	43997.96
17:45:30	1048.88	100.11	251.07	100.41	53.82	1960.17	44454.82
17:45:45	1051.00	100.11	253.72	100.41	57.05	1964.98	44978.02
17:46:00	1053.11	100.11	255.96	100.42	59.64	1959.48	45435.47
17:46:15	1055.70	100.12	258.43	100.42	62.05	1963.42	45958.30
17:46:30	1058.21	100.13	260.59	100.43	63.63	1961.17	46416.08
17:46:45	1060.90	100.15	263.04	100.45	64.64	1963.58	46938.84
17:47:00	1063.30	100.17	265.25	100.45	64.82	1974.98	47396.70
17:47:15	1065.48	100.18	267.78	100.47	64.00	1968.64	47922.61
17:47:30	1067.94	100.21	269.92	100.49	62.63	1955.21	48380.37
17:47:45	1070.54	100.24	272.33	100.50	60.46	1953.89	48902.56
17:48:00	1071.68	100.25	274.78	100.51	58.35	1953.32	49359.35
17:48:15	1073.30	100.28	277.43	100.53	55.73	1955.94	49881.26
17:48:30	1075.06	100.30	279.65	100.55	53.61	1956.47	50337.99
17:48:45	1077.42	100.33	282.12	100.56	51.40	1953.81	50859.18
17:49:00	1079.43	100.35	284.24	100.58	49.59	1957.25	51314.95
17:49:15	1081.67	100.36	286.72	100.59	47.82	1959.56	51836.53
17:49:30	1083.61	100.38	288.86	100.61	46.58	1960.27	52293.47
17:49:45	1085.99	100.39	291.28	100.64	45.58	1959.11	52815.84
17:50:00	1087.97	100.40	293.37	100.64	44.82	1961.70	53273.71
17:50:15	1090.20	100.40	295.83	100.65	44.10	1956.51	53796.60
17:50:30	1092.20	100.40	297.93	100.66	43.66	1966.34	54254.47
17:50:45	1094.49	100.40	300.32	100.66	43.13	1964.47	54777.64
17:51:00	1096.41	100.40	302.42	100.67	42.79	1961.09	55235.57
17:51:15	1098.56	100.38	304.78	100.66	42.42	1968.64	55759.15
17:51:30	1100.52	100.36	306.92	100.66	42.11	1964.67	56217.27
17:51:45	1102.87	100.33	309.25	100.65	41.70	1979.49	56742.27
17:52:00	1104.98	100.31	311.27	100.65	41.45	1999.45	57210.27
17:52:15	1107.19	100.29	313.75	100.63	41.32	1987.03	57741.66

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
17:52:30	1109.08	100.27	315.79	100.61	41.68	1980.36	58204.52
17:52:45	1111.24	100.23	318.16	100.60	42.95	1973.01	58733.05
17:53:00	1113.10	100.21	320.20	100.58	44.65	1959.87	59190.35
17:53:15	1115.24	100.20	322.46	100.57	47.17	1958.52	59710.58
17:53:30	1117.11	100.18	324.49	100.56	49.62	1954.62	60167.16
17:53:45	1119.33	100.17	326.76	100.54	52.59	1965.94	60691.23
17:54:00	1121.13	100.15	328.77	100.54	55.04	1966.31	61150.29
17:54:15	1123.39	100.14	331.02	100.53	57.58	1967.02	61675.66
17:54:30	1125.28	100.14	332.98	100.52	59.34	1968.78	62134.99
17:54:45	1127.63	100.13	335.18	100.51	60.70	1966.42	62659.43
17:55:00	1129.73	100.13	337.08	100.51	61.12	1991.66	63120.21
17:55:15	1132.03	100.13	339.29	100.50	60.88	1984.08	63650.06
17:55:30	1133.92	100.13	334.32	100.50	59.90	1974.99	64111.37
17:55:45	1136.21	100.14	343.37	100.49	58.31	1968.74	64636.84
17:56:00	1138.28	100.14	345.24	100.49	56.66	1967.02	65095.73
17:56:15	1140.22	100.14	347.53	100.49	54.71	1968.65	65620.02
17:56:30	1141.63	100.14	349.58	100.49	52.98	1959.38	66078.24
17:56:45	1143.53	100.14	351.79	100.49	51.19	1961.94	66601.27
17:57:00	1145.16	100.15	353.78	100.49	49.90	1960.10	67059.10
17:57:15	1147.15	100.15	356.00	100.49	48.61	1965.23	67584.41
17:57:30	1148.97	100.15	357.88	100.49	47.82	1971.77	68044.19
17:57:45	1150.98	100.15	360.08	100.49	47.11	1967.21	68569.42
17:58:00	1152.77	100.14	361.98	100.48	46.76	1972.08	69029.59
17:58:15	1154.84	100.13	364.14	100.48	46.50	1972.46	69555.74
17:58:30	1156.61	100.12	366.00	100.47	46.45	1978.49	70016.23
17:58:45	1158.59	100.09	368.21	100.46	46.46	1965.54	70542.61
17:59:00	1160.31	100.08	370.07	100.45	46.55	1975.18	71003.43
17:59:15	1162.36	100.06	372.20	100.44	46.78	1972.67	71529.55
17:59:30	1164.07	100.05	374.05	100.43	47.07	1976.31	71990.25
17:59:45	1166.01	100.04	376.20	100.42	47.41	1968.97	72516.22
18:00:00	1167.63	100.04	378.07	100.41	47.71	1975.04	72976.17
18:00:15	1169.61	100.03	380.16	100.40	47.91	1968.20	73501.40
18:00:30	1164.80	100.03	381.82	100.40	48.01	79.55	73750.78
18:00:45	1165.44	100.02	381.76	100.39	48.38	0.00	73750.93
18:01:00	1164.50	100.02	381.53	100.38	49.94	0.00	73750.93
18:01:15	1164.65	100.02	381.25	100.38	52.23	0.00	73750.93
18:01:30	1164.25	100.01	381.10	100.37	53.72	0.00	73750.93
18:01:45	1164.09	100.01	380.88	100.37	55.33	0.00	73750.93
18:02:00	1163.91	100.01	380.71	100.37	56.60	0.00	73750.93
18:02:15	1163.76	100.01	380.52	100.36	57.81	0.00	73750.93
18:02:30	1163.61	100.01	380.37	100.36	58.87	0.00	73750.93
18:02:45	1163.45	100.01	380.19	100.37	59.74	0.00	73750.93
18:03:00	1163.29	100.02	380.05	100.37	60.46	0.00	73750.93

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
18:03:15	1163.17	100.03	379.88	100.38	61.20	0.00	73750.93
18:03:30	1162.98	100.04	379.78	100.42	61.86	0.00	73750.93
18:03:45	1162.85	100.05	379.66	100.44	62.42	0.00	73750.93
18:04:00	1162.74	100.06	379.52	100.45	62.96	0.00	73750.93
18:04:15	1162.61	100.06	379.40	100.46	63.65	0.00	73750.93
18:04:30	1162.48	100.08	379.27	100.47	64.08	0.00	73750.93
18:04:45	1162.35	100.08	379.14	100.48	64.64	0.00	73750.93
18:05:00	1162.25	100.08	379.05	100.49	64.99	0.00	73750.93
18:05:15	1162.16	100.09	378.92	100.50	65.42	0.00	73750.93
18:05:30	1162.03	100.09	378.80	100.51	65.96	0.00	73750.93
18:05:45	1161.96	100.09	378.70	100.51	66.44	0.00	73750.93
18:06:00	1161.86	100.08	378.62	100.51	66.72	0.00	73750.93
18:06:15	1161.76	100.08	378.52	100.51	67.19	0.00	73750.93
18:06:30	1161.69	100.07	378.43	100.51	67.56	0.00	73750.93
18:06:45	1161.60	100.06	378.49	100.51	67.90	0.00	73750.93
18:07:00	1161.50	100.05	378.52	100.51	68.34	0.00	73750.93
18:07:15	1161.39	100.04	378.10	100.51	68.62	0.00	73750.93
18:07:30	1161.29	100.04	378.05	100.52	68.92	0.00	73750.93
18:07:45	1161.22	100.03	377.96	100.52	69.30	0.00	73750.93
18:08:00	1161.12	100.03	377.86	100.52	69.58	0.00	73750.93
18:08:15	1161.09	100.03	377.75	100.49	69.98	0.00	73750.93
18:08:30	1161.01	100.03	377.65	100.48	70.25	0.00	73750.93
18:08:45	1160.91	100.03	377.55	100.48	70.60	0.00	73750.93
18:09:00	1160.84	100.03	377.49	100.47	70.90	0.00	73750.93
18:09:15	1160.75	100.03	377.42	100.47	71.30	0.00	73750.93
18:09:30	1160.69	100.02	377.33	100.47	71.56	0.00	73750.93
18:09:45	1160.62	100.02	377.26	100.47	71.93	0.00	73750.93
18:10:00	1160.55	100.01	377.17	100.47	72.23	0.00	73750.93
18:10:15	1160.47	100.01	377.10	100.47	72.65	0.00	73750.93
18:10:30	1160.41	100.00	377.04	100.47	72.98	0.00	73750.93
18:10:45	1160.33	100.00	376.97	100.46	73.39	0.00	73750.93
18:11:00	1160.27	100.00	376.90	100.46	73.67	0.00	73750.93
18:11:15	1160.19	100.00	376.83	100.46	74.00	0.00	73750.93
18:11:30	1160.13	100.00	376.77	100.46	74.26	0.00	73750.93
18:11:45	1160.07	99.99	376.70	100.46	74.60	0.00	73750.93
18:12:00	1160.02	99.99	376.63	100.46	74.94	0.00	73750.93
18:12:15	1159.94	99.98	376.57	100.46	75.30	0.00	73750.93
18:12:30	1159.90	99.97	376.51	100.45	75.58	0.00	73750.93
18:12:45	1159.84	99.95	376.46	100.44	75.89	0.00	73750.93
18:13:00	1159.79	99.94	376.40	100.44	76.22	0.00	73750.93
18:13:15	1159.72	99.92	376.33	100.43	76.53	0.00	73750.93
18:13:30	1159.67	99.90	376.27	100.41	76.87	0.00	73750.93
18:13:45	1159.62	99.87	376.20	100.40	77.21	0.00	73750.93

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
18:14:00	1159.56	99.85	376.16	100.38	77.52	0.00	73750.93
18:14:15	1159.50	99.82	376.10	100.37	77.84	0.00	73750.93
18:14:30	1159.44	99.79	376.04	100.34	78.13	0.00	73750.93
18:14:45	1159.39	99.76	375.99	100.32	78.48	0.00	73750.93
18:15:00	1159.33	99.73	375.93	100.30	78.76	0.00	73750.93
18:15:15	1159.29	99.70	375.87	100.27	79.16	0.00	73750.93
18:15:30	1159.24	99.66	375.83	100.24	79.44	0.00	73750.93
18:15:45	1159.20	99.64	375.77	100.21	79.77	0.00	73750.93
18:16:00	1159.15	99.61	375.73	100.20	80.07	0.00	73750.93
18:16:15	1159.10	99.59	375.67	100.17	80.43	0.00	73750.93
18:16:30	1159.07	99.56	375.63	100.15	80.74	0.00	73750.93
18:16:45	1159.01	99.53	375.57	100.12	80.98	0.00	73750.93
18:17:00	1158.97	99.50	375.53	100.09	81.28	0.00	73750.93
18:17:15	1158.93	99.47	375.47	100.08	81.62	0.00	73750.93
18:17:30	1158.88	99.45	375.42	100.06	81.83	0.00	73750.93
18:17:45	1158.84	99.42	375.38	100.02	82.13	0.00	73750.93
18:18:00	1158.80	99.40	375.32	99.99	82.38	0.00	73750.93
18:18:15	1158.76	99.38	375.27	99.97	82.59	0.00	73750.93
18:18:30	1158.72	99.35	375.25	99.96	82.91	0.00	73750.93
18:18:45	1158.68	99.33	375.20	99.93	83.19	0.00	73750.93
18:19:00	1158.64	99.31	375.17	99.92	83.42	0.00	73750.93
18:19:15	1158.61	99.30	375.09	99.90	83.71	0.00	73750.93
18:19:30	1158.57	99.29	375.06	99.89	83.94	0.00	73750.93
18:19:45	1158.54	99.28	375.03	99.87	84.17	0.00	73750.93
18:20:00	1158.50	99.27	374.98	99.86	84.37	0.00	73750.93
18:20:15	1158.46	99.26	374.93	99.85	84.67	0.00	73750.93
18:20:30	1158.43	99.26	374.90	99.84	84.86	0.00	73750.93
18:20:45	1158.37	99.24	374.83	99.82	85.13	0.00	73750.93
18:21:00	1158.34	99.24	374.81	99.82	85.32	0.00	73750.93
18:21:15	1158.30	99.23	374.77	99.80	85.55	0.00	73750.93
18:21:30	1158.28	99.23	374.72	99.80	85.78	0.00	73750.93
18:21:45	1158.24	99.22	374.69	99.79	86.00	0.00	73750.93
18:22:00	1158.20	99.21	374.64	99.78	86.19	0.00	73750.93
18:22:15	1158.17	99.20	374.60	99.77	86.45	0.00	73750.93
18:22:30	1158.14	99.19	374.57	99.75	86.64	0.00	73750.93
18:22:45	1158.09	99.17	374.52	99.74	86.81	0.00	73750.93
18:23:00	1158.07	99.16	374.48	99.73	87.02	0.00	73750.93
18:23:15	1158.02	99.13	374.44	99.72	87.24	0.00	73750.93
18:23:30	1158.00	99.13	374.41	99.70	87.44	0.00	73750.93
18:23:45	1157.96	99.11	374.37	99.69	87.59	0.00	73750.93
18:24:00	1157.93	99.10	374.34	99.67	87.76	0.00	73750.93
18:24:15	1157.90	99.09	374.29	99.66	87.98	0.00	73750.93
18:24:30	1157.88	99.08	374.26	99.65	88.14	0.00	73750.93

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
18:24:45	1157.84	99.07	374.22	99.64	88.32	0.00	73750.93
18:25:00	1157.81	99.06	374.19	99.63	88.53	0.00	73750.93
18:25:15	1157.79	99.05	374.15	99.61	88.67	0.00	73750.93
18:25:30	1157.74	99.05	374.11	99.61	88.81	0.00	73750.93
18:25:45	1157.68	99.04	374.09	99.60	89.07	0.00	73750.93
18:26:00	1157.67	99.05	374.05	99.60	89.19	0.00	73750.93
18:26:15	1157.62	99.05	374.02	99.60	89.35	0.00	73750.93
18:26:30	1157.61	99.06	373.99	99.60	89.55	0.00	73750.93
18:26:45	1157.55	99.06	373.95	99.60	89.71	0.00	73750.93
18:27:00	1157.53	99.07	373.92	99.60	89.88	0.00	73750.93
18:27:15	1157.51	99.09	373.89	99.60	90.07	0.00	73750.93
18:27:30	1157.47	99.09	373.85	99.60	90.19	0.00	73750.93
18:27:45	1157.46	99.11	373.82	99.61	90.34	0.00	73750.93
18:28:00	1157.41	99.12	373.78	99.61	90.54	0.00	73750.93
18:28:15	1157.37	99.13	373.75	99.61	90.69	0.00	73750.93
18:28:30	1157.36	99.14	373.72	99.62	90.84	0.00	73750.93
18:28:45	1157.32	99.15	373.69	99.62	90.97	0.00	73750.93
18:29:00	1157.29	99.16	373.65	99.63	91.10	0.00	73750.93
18:29:15	1157.27	99.17	373.63	99.63	91.21	0.00	73750.93
18:29:30	1157.26	99.19	373.59	99.63	91.39	0.00	73750.93
18:29:45	1157.22	99.19	373.57	99.64	91.50	0.00	73750.93
18:30:00	1157.18	99.20	373.54	99.64	91.63	0.00	73750.93
18:30:15	1157.16	99.21	373.50	99.65	91.79	0.00	73750.93
18:30:30	1157.14	99.21	373.48	99.65	91.90	0.00	73750.93
18:30:45	1157.12	99.22	373.45	99.65	92.02	0.00	73750.93
18:31:00	1157.09	99.23	373.42	99.66	92.16	0.00	73750.93
18:31:15	1157.07	99.23	373.40	99.66	92.24	0.00	73750.93
18:31:30	1157.04	99.23	373.38	99.67	92.36	0.00	73750.93
18:31:45	1157.02	99.23	373.33	99.67	92.47	0.00	73750.93
18:32:00	1156.98	99.23	373.30	99.67	92.55	0.00	73750.93
18:32:15	1156.96	99.23	373.28	99.66	92.69	0.00	73750.93
18:32:30	1156.94	99.23	373.26	99.66	92.78	0.00	73750.93
18:32:45	1156.91	99.22	373.23	99.66	92.88	0.00	73750.93
18:33:00	1156.90	99.22	373.20	99.66	92.99	0.00	73750.93
18:33:15	1156.87	99.21	373.18	99.65	93.07	0.00	73750.93
18:33:30	1156.84	99.20	373.14	99.65	93.17	0.00	73750.93
18:33:45	1156.82	99.20	373.12	99.65	93.28	0.00	73750.93
18:34:00	1156.80	99.20	373.09	99.65	93.37	0.00	73750.93
18:34:15	1156.76	99.20	373.06	99.65	93.46	0.00	73750.93
18:34:30	1156.75	99.21	373.04	99.65	93.54	0.00	73750.93
18:34:45	1156.71	99.21	373.01	99.65	93.67	0.00	73750.93
18:35:00	1156.69	99.22	372.98	99.65	93.73	0.00	73750.93
18:35:15	1156.66	99.23	372.96	99.66	93.84	0.00	73750.93

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
18:35:30	1156.64	99.24	372.94	99.66	93.90	0.00	73750.93
18:35:45	1156.61	99.25	372.90	99.66	94.01	0.00	73750.93
18:36:00	1156.58	99.26	372.88	99.67	94.10	0.00	73750.93
18:36:15	1156.57	99.28	372.85	99.68	94.19	0.00	73750.93
18:36:30	1156.55	99.29	372.83	99.70	94.28	0.00	73750.93
18:36:45	1156.53	99.31	372.80	99.71	94.34	0.00	73750.93
18:37:00	1156.50	99.33	372.77	99.73	94.40	0.00	73750.93
18:37:15	1156.47	99.35	372.76	99.75	94.46	0.00	73750.93
18:37:30	1156.45	99.37	372.72	99.76	94.53	0.00	73750.93
18:37:45	1156.42	99.39	372.70	99.78	94.59	0.00	73750.93
18:38:00	1156.40	99.41	372.68	99.80	94.64	0.00	73750.93
18:38:15	1156.36	99.43	372.66	99.82	94.72	0.00	73750.93
18:38:30	1156.36	99.45	372.63	99.84	94.77	0.00	73750.93
18:38:45	1156.34	99.47	372.60	99.86	94.82	0.00	73750.93
18:39:00	1156.31	99.48	372.57	99.87	94.92	0.00	73750.93
18:39:15	1156.28	99.51	372.56	99.89	94.97	0.00	73750.93
18:39:30	1156.26	99.52	372.52	99.91	95.03	0.00	73750.93
18:39:45	1156.26	99.55	372.51	99.93	95.13	0.00	73750.93
18:40:00	1156.23	99.57	372.49	99.95	95.19	0.00	73750.93
18:40:15	1156.21	99.59	372.46	99.97	95.27	0.00	73750.93
18:40:30	1156.18	99.61	372.45	99.99	95.32	0.00	73750.93
18:40:45	1156.16	99.63	372.42	100.01	95.41	0.00	73750.93
18:41:00	1156.13	99.66	372.40	100.03	95.50	0.00	73750.93
18:41:15	1156.10	99.68	372.36	100.06	95.56	0.00	73750.93
18:41:30	1156.09	99.70	372.35	100.07	95.64	0.00	73750.93
18:41:45	1156.08	99.73	372.32	100.11	95.70	0.00	73750.93
18:42:00	1156.06	99.75	372.32	100.13	95.78	0.00	73750.93
18:42:15	1156.04	99.78	372.29	100.15	95.87	0.00	73750.93
18:42:30	1156.01	99.79	372.28	100.17	95.90	0.00	73750.93
18:42:45	1155.99	99.80	372.23	100.19	95.96	0.00	73750.93
18:43:00	1155.97	99.80	372.22	100.20	96.01	0.00	73750.93
18:43:15	1155.95	99.81	372.21	100.21	96.06	0.00	73750.93
18:43:30	1155.94	99.80	372.19	100.21	96.10	0.00	73750.93
18:43:45	1155.92	99.80	372.17	100.22	96.13	0.00	73750.93
18:44:00	1155.90	99.79	372.15	100.22	96.18	0.00	73750.93
18:44:15	1155.88	99.77	372.12	100.21	96.18	0.00	73750.93
18:44:30	1155.86	99.76	372.11	100.21	96.20	0.00	73750.93
18:44:45	1155.83	99.73	372.09	100.19	96.22	0.00	73750.93
18:45:00	1155.80	99.71	372.07	100.19	96.25	0.00	73750.93
18:45:15	1155.79	99.68	372.04	100.17	96.25	0.00	73750.93
18:45:30	1155.79	99.65	372.03	100.15	96.28	0.00	73750.93
18:45:45	1155.75	99.61	372.01	100.13	96.29	0.00	73750.93
18:46:00	1155.73	99.56	371.99	100.09	96.30	0.00	73750.93

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
18:46:15	1155.72	99.52	371.97	100.06	96.30	0.00	73750.93
18:46:30	1155.70	99.48	371.94	100.03	96.30	0.00	73750.93
18:46:45	1155.67	99.43	371.92	99.98	96.32	0.00	73750.93
18:47:00	1155.67	99.38	371.91	99.95	96.32	0.00	73750.93
18:47:15	1155.63	99.33	371.88	99.91	96.34	0.00	73750.93
18:47:30	1155.62	99.29	371.87	99.88	96.35	0.00	73750.93
18:47:45	1155.62	99.24	371.84	99.83	96.37	0.00	73750.93
18:48:00	1155.61	99.21	371.82	99.79	96.37	0.00	73750.93
18:48:15	1155.59	99.15	371.81	99.76	96.38	0.00	73750.93
18:48:30	1155.57	99.11	371.79	99.71	96.38	0.00	73750.93
18:48:45	1155.55	99.06	371.77	99.67	96.39	0.00	73750.93
18:49:00	1155.53	99.02	372.35	99.63	96.40	0.00	73750.93
18:49:15	1155.51	98.97	372.20	99.58	96.41	0.00	73750.93
18:49:30	1155.49	98.93	372.22	99.54	96.42	0.00	73750.93
18:49:45	1155.49	98.88	371.65	99.49	96.42	0.00	73750.93
18:50:00	1155.49	98.85	371.67	99.45	96.43	0.00	73750.93
18:50:15	1155.45	98.79	371.67	99.41	96.45	0.00	73750.93
18:50:30	1155.43	98.75	371.64	99.36	96.46	0.00	73750.93
18:50:45	1155.42	98.71	371.63	99.32	96.46	0.00	73750.93
18:51:00	1155.41	98.68	371.61	99.28	96.47	0.00	73750.93
18:51:15	1155.38	98.64	371.59	99.25	96.48	0.00	73750.93
18:51:30	1155.38	98.62	371.58	99.23	96.50	0.00	73750.93
18:51:45	1155.37	98.60	371.56	99.19	96.53	0.00	73750.93
18:52:00	1155.35	98.58	371.54	99.17	96.54	0.00	73750.93
18:52:15	1155.33	98.57	371.52	99.14	96.58	0.00	73750.93
18:52:30	1155.32	98.56	371.50	99.12	96.59	0.00	73750.93
18:52:45	1155.31	98.56	371.49	99.12	96.63	0.00	73750.93
18:53:00	1159.30	98.55	371.56	99.10	96.27	907.49	73781.18
18:53:15	1163.88	98.55	371.65	99.09	93.11	1446.11	74164.30
18:53:30	1164.02	98.56	373.58	99.08	92.31	1470.81	74505.09
18:53:45	1165.21	98.56	375.40	99.09	91.80	1473.32	74897.28
18:54:00	1166.85	98.56	376.87	99.07	91.48	1487.04	75242.84
18:54:15	1168.50	98.57	378.57	99.07	91.40	1505.94	75640.30
18:54:30	1170.26	98.57	380.06	99.06	91.48	1499.73	75990.60
18:54:45	1171.53	98.57	381.83	99.04	91.98	1507.16	76391.02
18:55:00	1172.99	98.56	383.39	99.04	92.54	1497.27	76741.80
18:55:15	1174.54	98.56	385.09	99.03	93.51	1514.06	77144.78
18:55:30	1176.07	98.54	386.59	99.02	94.43	1500.58	77496.93
18:55:45	1177.69	98.52	388.30	99.00	95.40	1510.10	77899.32
18:56:00	1179.27	98.49	389.75	98.98	96.43	1510.20	78252.21
18:56:15	1181.08	98.47	391.42	98.95	97.31	1509.77	78655.15
18:56:30	1182.65	98.43	392.74	98.93	97.80	1513.00	79007.43
18:56:45	1184.67	98.39	394.35	98.89	98.27	1508.53	79409.21

Nitrogen Injection

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

Flow Conditions

	Annulus Gauge		Tubing Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Flow Rate	Total Flow
Time	psig	deg F	psig	deg F	deg F	SCFM	SCF
18:57:00	1186.23	98.36	395.71	98.87	98.32	1507.71	79761.71
18:57:15	1187.99	98.32	397.41	98.83	98.21	1508.70	80162.66
18:57:30	1188.95	98.29	398.89	98.80	97.64	1506.91	80514.51
18:57:45	1189.98	98.24	400.67	98.77	96.52	1500.23	80915.15
18:58:00	1191.46	98.21	402.14	98.73	95.30	1511.21	81267.31
18:58:15	1192.33	98.17	403.92	98.69	93.56	1502.06	81667.67
18:58:30	1193.59	98.14	405.40	98.66	91.82	1525.11	82020.87
18:58:45	1194.89	98.09	407.08	98.62	89.48	1513.21	82424.85
18:59:00	1196.41	98.07	408.36	98.59	87.49	1503.40	82776.09
18:59:15	1202.23	98.02	408.75	98.55	84.93	1501.57	83177.27
18:59:30	1207.58	97.99	409.59	98.51	82.98	1503.68	83528.45
18:59:45	1204.46	97.95	412.28	98.47	80.76	1505.03	83929.88
19:00:00	1203.67	97.90	414.22	98.43	79.21	1502.75	84281.41
19:00:15	1203.50	97.84	416.08	98.37	77.54	1503.60	84682.30
19:00:30	1204.46	97.79	417.45	98.33	76.32	1504.61	85033.30
19:00:45	1206.09	97.72	418.94	98.27	75.16	1501.70	85433.84
19:01:00	1207.70	97.67	420.18	98.22	74.48	1491.01	85782.94
19:01:15	1210.13	97.61	421.44	98.17	73.95	1488.82	86180.18
19:01:30	1212.40	97.55	422.51	98.11	73.61	1488.37	86528.45
19:01:45	1216.85	97.50	423.02	98.04	73.24	1492.73	86926.37
19:02:00	1222.51	97.43	423.08	98.00	73.00	1498.31	87274.75
19:02:15	1228.47	97.39	423.18	97.93	72.72	1497.55	87673.24
19:02:30	1223.82	97.32	426.77	97.89	72.41	1497.56	88022.78
19:02:45	1217.67	97.26	429.16	97.83	72.07	30.58	88215.30
19:03:00	1213.04	97.24	429.85	97.80	72.16	0.00	88216.69
19:03:15	1213.04	97.24	429.85	97.80	72.16	0.00	88216.69

TEST PRESSURE

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

PRESSURE INFORMATION

	Annulus Pressure		Tubing Pressure	
	Pressure	Temp	Pressure	Temp
Date	psig	deg F	psig	deg F
8/17/07 11:17	1187.46	84.47	406.20	84.64
8/17/07 11:32	1187.47	84.55	406.16	84.63
8/17/07 11:47	1187.43	85.40	406.07	85.48
8/17/07 12:02	1187.37	83.78	406.06	83.76
8/17/07 12:17	1187.34	85.49	406.06	85.59
8/17/07 12:32	1187.34	86.54	406.04	86.46
8/17/07 12:47	1187.33	87.12	405.96	87.33
8/17/07 13:02	1187.34	85.60	405.91	85.65
8/17/07 13:17	1187.22	86.95	405.93	86.90
8/17/07 13:32	1187.19	85.74	405.87	85.67
8/17/07 13:47	1187.21	86.52	405.85	86.51
8/17/07 14:02	1187.12	85.62	405.79	85.61
8/17/07 14:17	1187.05	84.41	405.72	84.32
8/17/07 14:32	1186.94	87.57	405.75	87.73
8/17/07 14:47	1186.90	88.14	405.65	88.18
8/17/07 15:02	1186.89	88.12	405.65	87.97
8/17/07 15:17	1186.86	90.19	405.56	90.20
8/17/07 15:32	1186.94	85.12	405.62	84.88
8/17/07 15:47	1186.85	85.56	405.50	85.34
8/17/07 16:02	1186.76	85.37	405.47	85.11
8/17/07 16:17	1186.74	87.94	405.43	87.73
8/17/07 16:32	1186.69	88.91	405.41	88.73
8/17/07 16:47	1186.78	83.82	405.35	83.46
8/17/07 17:02	1186.62	82.71	405.31	82.35
8/17/07 17:17	1186.55	84.16	405.19	84.00
8/17/07 17:32	1186.56	83.28	405.18	83.11
8/17/07 17:47	1186.50	81.95	405.17	81.74
8/17/07 18:02	1186.44	83.46	405.13	83.28
8/17/07 18:17	1186.37	85.32	405.14	85.10
8/17/07 18:32	1186.32	84.81	405.04	84.54
8/17/07 18:47	1186.37	85.25	405.05	85.07
8/17/07 19:02	1186.45	82.44	405.04	82.24
8/17/07 19:17	1186.31	81.52	404.94	81.24
8/17/07 19:32	1186.28	80.69	404.94	80.51
8/17/07 19:47	1186.25	78.94	404.87	78.69
8/17/07 20:02	1186.19	79.17	404.86	79.02
8/17/07 20:17	1186.12	78.36	404.82	78.18
8/17/07 20:32	1186.13	76.57	404.79	76.35

TEST PRESSURE

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

PRESSURE INFORMATION

	Annulus Pressure		Tubing Pressure	
	Pressure	Temp	Pressure	Temp
Date	psig	deg F	psig	deg F
8/17/07 20:47	1186.02	75.34	404.72	75.11
8/17/07 21:02	1185.97	74.50	404.69	74.31
8/17/07 21:17	1185.94	73.86	404.70	73.67
8/17/07 21:32	1185.90	73.48	404.65	73.30
8/17/07 21:47	1185.86	73.29	404.58	73.13
8/17/07 22:02	1185.86	72.76	404.54	72.61
8/17/07 22:17	1185.78	72.28	404.53	72.13
8/17/07 22:32	1185.69	71.86	404.49	71.69
8/17/07 22:47	1185.72	71.37	404.46	71.19
8/17/07 23:02	1185.63	70.97	404.43	70.80
8/17/07 23:17	1185.61	70.65	404.40	70.48
8/17/07 23:32	1185.56	70.40	404.36	70.24
8/17/07 23:47	1185.58	69.97	404.33	69.80
8/18/07 0:02	1185.54	69.76	404.31	69.61
8/18/07 0:17	1185.49	69.71	404.29	69.58
8/18/07 0:32	1185.54	69.76	404.28	69.63
8/18/07 0:47	1185.45	69.67	404.23	69.54
8/18/07 1:02	1185.36	69.33	404.16	69.21
8/18/07 1:17	1185.39	68.92	404.13	68.75
8/18/07 1:32	1185.32	68.52	404.10	68.36
8/18/07 1:47	1185.30	68.18	404.05	68.03
8/18/07 2:02	1185.27	68.00	404.04	67.85
8/18/07 2:17	1185.25	67.98	404.03	67.84
8/18/07 2:32	1185.21	67.93	404.01	67.80
8/18/07 2:47	1185.17	68.04	403.97	67.92
8/18/07 3:02	1185.15	68.04	403.95	67.91
8/18/07 3:17	1185.11	67.86	403.87	67.73
8/18/07 3:32	1185.12	67.65	403.81	67.52
8/18/07 3:47	1185.02	67.51	403.82	67.40
8/18/07 4:02	1185.04	67.87	403.81	67.79
8/18/07 4:17	1185.04	68.15	403.79	68.06
8/18/07 4:32	1184.98	68.09	403.75	67.99
8/18/07 4:47	1184.97	68.27	403.73	68.18
8/18/07 5:02	1184.91	68.10	403.66	68.00
8/18/07 5:17	1184.90	67.62	403.61	67.51
8/18/07 5:32	1184.84	66.94	403.58	66.80
8/18/07 5:47	1184.80	66.62	403.57	66.51
8/18/07 6:02	1184.82	66.31	403.53	66.18

TEST PRESSURE

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

PRESSURE INFORMATION

	Annulus Pressure		Tubing Pressure	
	Pressure	Temp	Pressure	Temp
Date	psig	deg F	psig	deg F
8/18/07 6:17	1184.76	66.10	403.49	65.98
8/18/07 6:32	1184.71	65.84	403.48	65.72
8/18/07 6:47	1184.70	65.61	403.44	65.48
8/18/07 7:02	1184.70	65.92	403.46	65.85
8/18/07 7:17	1184.67	66.15	403.43	66.08
8/18/07 7:32	1184.56	66.02	403.35	65.91
8/18/07 7:47	1184.54	65.63	403.32	65.51
8/18/07 8:02	1184.54	67.13	403.38	67.25
8/18/07 8:17	1184.49	69.70	403.34	69.87
8/18/07 8:32	1184.52	72.33	403.32	72.54
8/18/07 8:47	1184.55	74.61	403.34	74.79
8/18/07 9:02	1184.60	76.47	403.33	76.60
8/18/07 9:17	1184.62	78.08	403.30	78.21
8/18/07 9:32	1184.65	79.60	403.29	79.68
8/18/07 9:47	1184.65	81.02	403.30	81.03
8/18/07 10:02	1184.62	82.48	403.27	82.46
8/18/07 10:17	1184.65	84.05	403.26	83.98
8/18/07 10:32	1184.65	85.68	403.23	85.59
8/18/07 10:47	1184.64	86.55	403.24	86.37
8/18/07 11:02	1184.61	89.23	403.20	89.13
8/18/07 11:17	1184.68	89.72	403.25	89.51
8/18/07 11:32	1184.63	89.43	403.15	89.32
8/18/07 11:47	1184.59	90.94	403.14	90.70
8/18/07 12:02	1184.57	93.74	403.10	93.73
8/18/07 12:17	1184.57	94.14	403.12	94.10
8/18/07 12:32	1184.59	93.97	403.08	93.70
8/18/07 12:47	1184.48	93.52	403.04	93.48
8/18/07 13:02	1184.50	90.88	402.97	90.82
8/18/07 13:17	1184.34	91.95	402.97	91.52
8/18/07 13:32	1184.32	96.07	402.94	96.15
8/18/07 13:47	1184.40	94.57	402.87	94.55
8/18/07 14:02	1184.33	92.02	402.89	91.94
8/18/07 14:17	1184.32	92.55	402.86	92.54
8/18/07 14:32	1184.24	94.87	402.82	95.10
8/18/07 14:47	1184.17	97.31	402.80	97.50
8/18/07 15:02	1184.13	98.15	402.72	98.09
8/18/07 15:17	1184.10	100.42	402.72	100.28
8/18/07 15:32	1184.15	100.70	402.76	100.52

TEST PRESSURE

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

PRESSURE INFORMATION

	Annulus Pressure		Tubing Pressure	
	Pressure	Temp	Pressure	Temp
Date	psig	deg F	psig	deg F
8/18/07 15:47	1184.13	100.05	402.67	99.83
8/18/07 16:02	1184.12	99.73	402.66	99.31
8/18/07 16:17	1184.13	100.73	402.68	100.55
8/18/07 16:32	1184.09	100.80	402.64	100.62
8/18/07 16:47	1184.02	100.63	402.63	100.29
8/18/07 17:02	1184.03	101.92	402.59	101.72
8/18/07 17:17	1183.98	101.43	402.52	101.14
8/18/07 17:32	1183.95	101.14	402.51	100.82
8/18/07 17:47	1183.94	102.22	402.51	102.05
8/18/07 18:02	1183.89	102.72	402.46	102.56
8/18/07 18:17	1183.86	102.76	402.39	102.62
8/18/07 18:32	1183.81	101.64	402.35	101.45
8/18/07 18:47	1183.84	99.95	402.26	99.77
8/18/07 19:02	1183.78	98.45	402.22	98.23
8/18/07 19:17	1183.75	96.80	402.19	96.59
8/18/07 19:32	1183.68	95.48	402.14	95.26
8/18/07 19:47	1183.70	93.95	402.10	93.70
8/18/07 20:02	1183.62	92.42	402.08	92.15
8/18/07 20:17	1183.67	89.71	402.01	89.38
8/18/07 20:32	1183.56	87.28	402.01	86.89
8/18/07 20:47	1183.52	85.20	402.00	84.78
8/18/07 21:02	1183.46	83.79	401.93	83.40
8/18/07 21:17	1183.37	82.70	401.89	82.34
8/18/07 21:32	1183.35	81.76	401.86	81.40
8/18/07 21:47	1183.26	80.97	401.86	80.64
8/18/07 22:02	1183.25	80.07	401.84	79.75
8/18/07 22:17	1183.22	79.30	401.81	78.97
8/18/07 22:32	1183.20	78.76	401.77	78.46
8/18/07 22:47	1183.21	78.43	401.78	78.13
8/18/07 23:02	1183.08	78.53	401.75	78.28
8/18/07 23:17	1183.10	78.27	401.67	78.05
8/18/07 23:32	1183.09	78.26	401.67	78.04
8/18/07 23:47	1183.07	78.24	401.66	78.04
8/19/07 0:02	1183.03	78.17	401.64	78.00
8/19/07 0:17	1183.01	77.79	401.55	77.63
8/19/07 0:32	1182.95	77.24	401.55	77.06
8/19/07 0:47	1182.99	76.78	401.55	76.58
8/19/07 1:02	1182.93	76.23	401.49	76.06

TEST PRESSURE

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

PRESSURE INFORMATION

	Annulus Pressure		Tubing Pressure	
	Pressure	Temp	Pressure	Temp
Date	psig	deg F	psig	deg F
8/19/07 1:17	1182.92	75.88	401.45	75.69
8/19/07 1:32	1182.89	75.51	401.44	75.33
8/19/07 1:47	1182.84	75.22	401.44	75.05
8/19/07 2:02	1182.80	74.92	401.38	74.77
8/19/07 2:17	1182.74	74.65	401.38	74.49
8/19/07 2:32	1182.74	74.58	401.36	74.42
8/19/07 2:47	1182.71	74.51	401.34	74.36
8/19/07 3:02	1182.68	74.31	401.27	74.15
8/19/07 3:17	1182.68	74.14	401.26	74.00
8/19/07 3:32	1182.63	73.95	401.23	73.81
8/19/07 3:47	1182.64	73.73	401.23	73.58
8/19/07 4:02	1182.64	73.44	401.18	73.29
8/19/07 4:17	1182.58	73.25	401.17	73.11
8/19/07 4:32	1182.56	73.12	401.16	72.96
8/19/07 4:47	1182.53	73.09	401.15	72.94
8/19/07 5:02	1182.45	72.94	401.11	72.79
8/19/07 5:17	1182.46	72.78	401.10	72.64
8/19/07 5:32	1182.42	72.57	401.06	72.43
8/19/07 5:47	1182.38	72.29	401.05	72.16
8/19/07 6:02	1182.43	72.06	401.03	71.91
8/19/07 6:17	1182.33	71.74	401.01	71.61
8/19/07 6:32	1182.37	71.30	400.95	71.14
8/19/07 6:47	1182.31	70.66	400.92	70.49
8/19/07 7:02	1182.32	70.25	400.93	70.08
8/19/07 7:17	1182.31	70.14	400.93	69.98
8/19/07 7:32	1182.35	70.29	400.93	70.15
8/19/07 7:47	1182.27	70.69	400.87	70.58
8/19/07 8:02	1182.27	71.20	400.90	71.11
8/19/07 8:17	1182.22	72.15	400.86	72.21
8/19/07 8:32	1182.19	75.40	400.86	75.65
8/19/07 8:47	1182.24	77.47	400.87	77.78
8/19/07 9:02	1182.24	79.27	400.91	79.54
8/19/07 9:17	1182.28	80.89	400.95	81.14
8/19/07 9:32	1182.28	82.56	400.90	82.79
8/19/07 9:47	1182.31	84.24	400.91	84.46
8/19/07 10:02	1182.33	86.12	400.91	86.33
8/19/07 10:17	1182.34	88.16	400.90	88.41
8/19/07 10:32	1182.30	89.23	400.88	89.43

TEST PRESSURE

Well Name:	Well No. 4
Operator:	Western Refinery
State:	New Mexico
County:	Lea
Field:	Jal Station
API Number:	30-025-35957
UIC Number:	0

PRESSURE INFORMATION

	Annulus Pressure		Tubing Pressure	
	Pressure	Temp	Pressure	Temp
Date	psig	deg F	psig	deg F
8/19/07 10:47	1182.36	91.15	400.90	91.35
8/19/07 11:02	1182.37	92.44	400.58	92.65
8/19/07 11:17	1182.32	93.69	400.63	93.89
8/19/07 11:32	1182.41	94.90	400.66	95.09
8/19/07 11:47	1182.47	95.95	400.65	96.09
8/19/07 12:02	1182.25	97.70	400.45	97.88

Appendix D – Well Logs

MULTI-SHOT
Directional Services

Job Number: 0711175051498
Company: Lonquist Field Service
Lease/Well: Western Refinery ST. LPG., Well #4
Location: Lea County, NM
Rig Name: Basic Workover
RKB: □
G.L. or M.S.L.: □

State/Country: New Mexico/USA
Declination: 7.25°
Grid: East To Grid
File name: F:\SURVEY\2007SU~1\LONQUI~1\WESTERN4.SVY
Date/Time: 04-Sep-07 / 12:16
Curve Name: Surface - 2621' M.D.

We hereby certify that our survey data from Surface MD to 2621' MD is, to the best of our knowledge a true and accurate account of the well bore.

Dana Suttle 9/7/07
Multi-Shot Date

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane .00
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50.00	.75	323.28	50.00	.26	-.20	.26	.33	323.28	1.50
100.00	.75	258.95	100.00	.46	-.71	.46	.85	302.96	1.60
150.00	.75	297.62	149.99	.55	-1.32	.55	1.43	292.60	.99
200.00	.50	254.29	199.99	.64	-1.82	.64	1.93	289.44	1.03
250.00	.75	319.97	249.99	.84	-2.24	.84	2.39	290.41	1.42
300.00	.50	278.64	299.98	1.12	-2.67	1.12	2.89	292.73	1.00
350.00	.50	320.31	349.98	1.32	-3.03	1.32	3.30	293.56	.71
400.00	.00	.00	399.98	1.49	-3.16	1.49	3.50	295.17	1.00
450.00	.00	.00	449.98	1.49	-3.16	1.49	3.50	295.17	.00
500.00	.00	.00	499.98	1.49	-3.16	1.49	3.50	295.17	.00
550.00	.00	.00	549.98	1.49	-3.16	1.49	3.50	295.17	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
600.00	.50	309.70	599.98	1.63	-3.33	1.63	3.71	296.01	1.00
650.00	.00	.00	649.98	1.77	-3.50	1.77	3.92	296.77	1.00
700.00	.50	312.71	699.98	1.91	-3.66	1.91	4.13	297.60	1.00
750.00	.00	.00	749.98	2.06	-3.82	2.06	4.34	298.35	1.00
800.00	.50	292.60	799.98	2.15	-4.02	2.15	4.56	298.07	1.00
850.00	.00	.00	849.98	2.23	-4.22	2.23	4.78	297.82	1.00
900.00	.00	.00	899.98	2.23	-4.22	2.23	4.78	297.82	.00
950.00	.50	272.07	949.98	2.24	-4.44	2.24	4.97	296.73	1.00
1000.00	.50	306.89	999.97	2.38	-4.83	2.38	5.39	296.17	.60
1050.00	.00	.00	1049.97	2.51	-5.01	2.51	5.60	296.59	1.00
1100.00	.50	303.84	1099.97	2.63	-5.19	2.63	5.82	296.86	1.00
1150.00	.50	323.81	1149.97	2.93	-5.50	2.93	6.23	298.01	.35
1200.00	.50	301.78	1199.97	3.22	-5.81	3.22	6.64	298.96	.38
1250.00	.50	331.75	1249.97	3.52	-6.10	3.52	7.05	300.00	.52
1300.00	.00	.00	1299.97	3.72	-6.21	3.72	7.23	300.91	1.00
1350.00	.50	314.69	1349.97	3.87	-6.36	3.87	7.45	301.31	1.00
1400.00	.50	293.66	1399.96	4.11	-6.72	4.11	7.87	301.47	.36
1450.00	.50	299.64	1449.96	4.31	-7.11	4.31	8.31	301.22	.10
1500.00	.50	294.61	1499.96	4.50	-7.49	4.50	8.74	301.01	.09
1550.00	.50	323.58	1549.96	4.77	-7.82	4.77	9.16	301.38	.50
1600.00	.50	334.41	1599.96	5.14	-8.05	5.14	9.55	302.59	.19
1650.00	.00	.00	1649.96	5.34	-8.14	5.34	9.74	303.27	1.00
1700.00	.00	.00	1699.96	5.34	-8.14	5.34	9.74	303.27	.00
1750.00	.50	326.32	1749.96	5.52	-8.26	5.52	9.94	303.76	1.00
1800.00	.50	39.29	1799.95	5.87	-8.24	5.87	10.12	305.46	1.19
1850.00	.00	.00	1849.95	6.04	-8.11	6.04	10.11	306.70	1.00
1900.00	.50	299.24	1899.95	6.15	-8.30	6.15	10.33	306.54	1.00
1950.00	.50	318.21	1949.95	6.42	-8.63	6.42	10.76	306.63	.33
2000.00	.50	9.18	1999.95	6.79	-8.74	6.79	11.07	307.86	.86
2050.00	.00	.00	2049.95	7.01	-8.71	7.01	11.18	308.84	1.00
2100.00	.50	227.12	2099.95	6.86	-8.87	6.86	11.21	307.74	1.00
2150.00	.50	80.00	2149.95	6.75	-8.81	6.75	11.10	307.46	1.92

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
2200.00	1.00	122.87	2199.94	6.55	-8.23	6.55	10.52	308.52	1.44
2250.00	2.75	62.71	2249.92	6.87	-6.80	6.87	9.66	315.28	4.83
2300.00	4.00	65.54	2299.83	8.14	-4.14	8.14	9.13	333.01	2.52
2350.00	4.00	59.41	2349.71	9.75	-1.06	9.75	9.80	353.82	.85
2400.00	7.00	28.27	2399.48	13.32	1.89	13.32	13.45	8.07	8.26
2450.00	10.00	13.27	2448.93	20.23	4.33	20.23	20.69	12.08	7.41
2500.00	11.00	12.17	2498.10	29.12	6.33	29.12	29.80	12.27	2.04
2550.00	6.75	19.94	2547.49	36.55	8.34	36.55	37.49	12.86	8.81
2600.00	4.50	235.75	2597.38	38.21	7.72	38.21	38.98	11.42	21.45
Last Survey Depth Recorded									
2621.00	4.50	229.63	2618.32	37.21	6.41	37.21	37.76	9.77	2.29

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories, Inc. Company

Analytical Report

Prepared for:

Ken Parker

Texas L.P.G.

P.O. Box 1345

Jal, NM 88252

2007 FEB 8 AM 11 22

Project: South Brine Pond

Project Number: None Given

Location: #4 Plant

Lab Order Number: 7A24004

Report Date: 01/30/07

Texas L.P.G.	Project: South Brine Pond	Fax: (505) 395-2260
P.O. Box 1345	Project Number: None Given	
Jal NM, 88252	Project Manager: Ken Parker	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S.B.P.	7A24004-01	Water	01/24/07 10:45	01-24-2007 13:54

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Texas L.P.G. P.O. Box 1345 Jal NM, 88252	Project: South Brine Pond Project Number: None Given Project Manager: Ken Parker	Fax: (505) 395-2260

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S.B.P. (7A24004-01) Water									
Total Alkalinity	**118**	2.00	mg/L	1	EA72505	01/25/07	01/25/07	EPA 310.1M	
Chloride	**199000**	2500	"	5000	EA72502	01/25/07	01/25/07	EPA 300.0	
pH	**7.30**		pH Units	1	EA72509	01/25/07	01/25/07	EPA 150.1	
Total Dissolved Solids	**261000**	10.0	mg/L	"	EA72604	01/25/07	01/26/07	EPA 160.1	

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Texas L.P.G. P.O. Box 1345 Jal NM, 88252	Project: South Brine Pond Project Number: None Given Project Manager: Ken Parker	Fax: (505) 395-2260

Total Metals by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S.B.P. (7A24004-01) Water									
Silver	ND	0.0250	mg/L	5	EA72910	01/29/07	01/29/07	EPA 6010B	
Arsenic	**ND**	0.0400	"	"	"	"	"	"	
Barium	**0.0907**	0.00500	"	"	"	"	"	6010B	
Calcium	**564**	20.2	"	250	EA72515	01/25/07	01/25/07	EPA 6010B	
Magnesium	**1980**	18.0	"	500	"	"	"	"	
Potassium	**8090**	300	"	5000	"	"	"	"	
Sodium	**200000**	1720	"	40000	"	"	"	"	
Cadmium	ND	0.00500	"	5	EA72910	01/29/07	01/29/07	"	
Chromium	ND	0.455	"	"	"	"	"	"	
Mercury	ND	0.000250	"	1	EA72911	01/29/07	01/29/07	EPA 7470A	
Lead	ND	0.0550	"	5	EA72910	01/29/07	01/29/07	EPA 6010B	
Selenium	ND	0.0200	"	"	"	"	"	"	

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Texas L.P.G. P.O. Box 1345 [illegible] NM, 88252	Project: South Brine Pond Project Number: None Given Project Manager: Ken Parker	Fax: (505) 395-2260

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S.B.P. (7A24004-01) Water									
Benzene	ND	0.00100	mg/L	1	EA73002	01/29/07	01/30/07	EPA 8260B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*130 %*	*68-129*		"	"	"	"	*S-04*
Surrogate: 1,2-Dichloroethane-d4		*130 %*	*72-132*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*74-118*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*121 %*	*65-140*		"	"	"	"	

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