M Brown 2/3/2015

ANNUAL LPG WELL REPORT

OPERATOR: Western Refining Company

UIC CLASS LPG STORAGE WELLS API NUMBER

31055 WELL 1: 30-025-35954
31055 WELL 2: 30-025-35955
31055 WELL 3: 30-025-35956
31055 WELL 4: 30-025-35957

WESTERN REFINING JAL STORAGE FACILITY

Company Representative: Ken Parker

Date: 1-30-15

Annual LPG Well Report Date: 1-30-15

Well Summary

Well 1

Well one was operated within the guidelines set by New Mexico State Oil Conservation Division. Average well pressure during storage was 550 pounds of pressure. Maximum injection rate was 130 barrels per hour at 600 pounds of pressure. Product was stored in this cavern for 289 days.

Storage volume of well one at the beginning of 2014 was 43,338 barrels. Within the physical year an additional 43,742 barrels was added withdrawing 88,080 barrels by the end of the year. The maximum daily volume stored in this well was 43,338 barrels or 22% of the caverns total volume capacity.

Well 2

Well two was operated within the guidelines set by New Mexico State Oil Conservation Division. Average well pressure during storage was 660 pounds of pressure. Maximum injection rate was 240 barrels per hour at 720 pounds of pressure. Product was stored in this cavern for 365 days.

Storage volume of well two at the beginning of 2014 was 12,506 barrels. Within the physical year an additional 350,332 barrels was added withdrawing 291,982 barrels by the end of the year. The maximum daily volume stored in this well was 75,606 barrels or 58% of the caverns total volume capacity.

Well 3

Well three was operated within the guidelines set by New Mexico State Oil Conservation Division. Average well pressure during storage was 640 pounds of pressure. Maximum injection rate was 181 barrels per hour at 720 pounds of pressure. Product was stored in this cavern for 365 days.

Storage volume of well Three at the beginning of 2014 was 30,581 barrels. Within the physical year an additional 56,784 barrels was added withdrawing 75,630 barrels by the end of the year. The maximum daily volume stored in this well was 30,581 barrels or 38% of the caverns total volume capacity.

Well 4

Well four was operated within the guidelines set by New Mexico State Oil Conservation Division. Average well pressure during storage was 620 pounds of pressure. Maximum injection rate was 181 barrels per hour at 760 pounds of pressure. Product was stored in this cavern for 281 days.

Storage volume of well Three at the beginning of 2014 was 30,837 barrels. Within the physical year an additional 29,254 barrels was added withdrawing 53,555 barrels by the end of the year. The maximum volume stored in this well on any date was 30,837 barrels or 23% of the caverns total volume capacity.

Production Volumes

See Attachments
Well 1 Annual C-131B
Well 2 Annual C-131B
Well 3 Annual C-131B
Well 4 Annual C-131B

Injecting Fluid Analysis
See Attachment
Report 500412

Deviation from Normal Production Method
N/A

Leak and Spill Report
N/A

Ground Water Monitoring
N/A

Subsidence Survey
See Attachment
No changes from last survey

Area of Review
No activity in the year 2014

Pursuant to all applicable parts of the Water Quality Control Commission (WQCC) Regulations 20.6.2 NMAC and more specifically 20.6.2.5101. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information. I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Western Refining Company
Company Name

Ken Parker
Company Representative

Company Representative Signature

Title: Facility Manager

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-131B
Revised June 10, 2003

Submit one copy to Santa Fe and one copy to appropriate District Office postmarked by 24th Day of succeeding month. See Rule 1131.

ANNUAL LPG STORAGE REPORT

Western Refining Company (Company) PO Box 1345 Jal, New Mexico (Address)

NAME OF STORAGE PROJECT Jal Terminal COUNTY Lea Month/Year 12-14

WELL NAME AND NUMBER	LOCATION UNIT SEC. TWP. RANGE	MAXIMUM INJECTION PRESSURE	INJECTION (BBLS)	WITHDRAWAL (BBLS)
31055 State LPG Storage Well No. 1 30-025-35954	**M32-23S-37E**	**600**	**43,742**	**88,080**
TOTALS				

CALCULATED RESERVOIR PRESSURE @ END OF YEAR 855

TOTAL CAPACITY (BBLS) 201,013 Barrels

BEGINNING STORAGE (BBLS) 44,338

NET CHANGE (BBLS) 44,338

ENDING STORAGE (BBLS) 0

I hereby certify that this report is true and complete to the best of my knowledge and belief.

Signature Ken Parker

Printed Name & Title Ken Parker, Manager

E-mail Address ken.parker@wnr.com

Date 1-28-15 Telephone No. 575-395-2632

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-131B
Revised June 10, 2003

Submit one copy to Santa Fe and one copy to appropriate District Office postmarked by 24th Day of succeeding month. See Rule 1131.

ANNUAL LPG STORAGE REPORT

Western Refining Company (Company) PO Box 1345 Jal, New Mexico (Address)

NAME OF STORAGE PROJECT Jal Terminal COUNTY Lea Month/Year 12-14

WELL NAME AND NUMBER	LOCATION UNIT SEC. TWP. RANGE	MAXIMUM INJECTION PRESSURE	INJECTION (BBLS)	WITHDRAWAL (BBLS)
31055 State LPG Storage Well No. 2 30-025-35955	**M32-23S-37E**	**700**	**350,332**	**291,982**
TOTALS				

CALCULATED RESERVOIR PRESSURE @ END OF YEAR 948

TOTAL CAPACITY (BBLS) 130,201 Barrels

BEGINNING STORAGE (BBLS) 12,506

NET CHANGE (BBLS) 58,350

ENDING STORAGE (BBLS) 70,856

I hereby certify that this report is true and complete to the best of my knowledge and belief.

Signature Ken Parker

Printed Name & Title Ken Parker, Manager

E-mail Address ken.parker@wnr.com

Date 1-28-15 Telephone No. 575-395-2632

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-131B
Revised June 10, 2003

Submit one copy to Santa Fe and one copy to appropriate District Office postmarked by 24th Day of succeeding month. See Rule 1131.

ANNUAL LPG STORAGE REPORT

Western Refining Company (Company) PO Box 1345 Jal, New Mexico (Address)

NAME OF STORAGE PROJECT Jal Terminal COUNTY Lea Month/Year 12-14

WELL NAME AND NUMBER	LOCATION UNIT SEC. TWP. RANGE	MAXIMUM INJECTION PRESSURE	INJECTION (BBLS)	WITHDRAWAL (BBLS)
31055 State LPG Storage Well No. 3 30-025-35956	**M32-23S-37E**	**720**	**56,784**	**75,630**
TOTALS				

CALCULATED RESERVOIR PRESSURE @ END OF YEAR 967

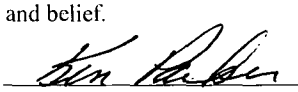
TOTAL CAPACITY (BBLS) 79,692 Barrels

BEGINNING STORAGE (BBLS) 30,581

NET CHANGE (BBLS) 18,846

ENDING STORAGE (BBLS) 11,735

I hereby certify that this report is true and complete to the best of my knowledge and belief.

Signature 

Printed Name & Title Ken Parker, Manager

E-mail Address ken.parker@wnr.com

Date 1-28-15 Telephone No. 575-395-2632

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-131B
Revised June 10, 2003

Submit one copy to Santa Fe and one copy to appropriate District Office postmarked by 24th Day of succeeding month. See Rule 1131.

ANNUAL LPG STORAGE REPORT

Western Refining Company (Company) PO Box 1345 Jal, New Mexico (Address)

NAME OF STORAGE PROJECT Jal Terminal COUNTY Lea Month/Year 12-14

WELL NAME AND NUMBER	LOCATION UNIT SEC. TWP. RANGE	MAXIMUM INJECTION PRESSURE	INJECTION (BBLS)	WITHDRAWAL (BBLS)
31055 State LPG Storage Well No. 4 30-025-35957	**M32-23S-37E**	**720**	**29,254**	**53,555**
TOTALS				

CALCULATED RESERVOIR PRESSURE @ END OF YEAR 967

TOTAL CAPACITY (BBLS) 136,626 Barrels

BEGINNING STORAGE (BBLS) 30,837

NET CHANGE (BBLS) 24,301

ENDING STORAGE (BBLS) 6,536

I hereby certify that this report is true and complete to the best of my knowledge and belief.

Signature Ken Parker

Printed Name & Title Ken Parker, Manager

E-mail Address ken.parker@wnr.com

Date 1-28-15 Telephone No. 575-395-2632

Analytical Report 500412

for

Western Refining

Project Manager: Ken Parker

South Brine Pond

29-JAN-15

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-14-18), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
New Jersey (TX007), North Carolina(681), Oklahoma (9218), Pennsylvania (68-03610)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Texas (T104704477), Louisiana (04176), USDA (P330-07-00105)

Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

29-JAN-15

Project Manager: **Ken Parker**
Western Refining
P.O. Box 1345
Jal, NM 88252

Reference: XENCO Report No(s): **500412**
South Brine Pond
Project Address:

Ken Parker:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 500412. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 500412 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks
Project Manager

Sample Cross Reference 500412

Western Refining, Jal, NM

South Brine Pond

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
South Pond	W	01-14-15 10:00		500412-001

CASE NARRATIVE

Client Name: Western Refining
Project Name: South Brine Pond

Project ID:
Work Order Number(s): *500412*

Report Date: *29-JAN-15*
Date Received: *01/14/2015*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-959868 Mercury, Total by EPA 245.1
Sample diluted due to reactivity. AS 1/20/15

Batch: LBA-960021 TDS by SM2540C
SM2540C
Batch 960021,.
Total dissolved solids recovered below QC limits in the laboratory control sample. Samples affected are: 500412-001.

Certificate of Analysis Summary 500412

Western Refining, Jal, NM

Project Name: South Brine Pond

Project Id:
Contact: Ken Parker
Project Location:

Date Received in Lab: Wed Jan-14-15 01:30 pm
Report Date: 29-JAN-15
Project Manager: Kelsey Brooks

Analysis Requested							
	Lab Id:	500412-001					
	Field Id:	South Pond					
	Depth:						
	Matrix:	WATER					
	Sampled:	Jan-14-15 10:00					
Alkalinity by SM2320B SUB: TX104704215	***Extracted:***						
	Analyzed:	Jan-16-15 10:05					
	Units/RL:	mg/L	RL				
Alkalinity, Total (as CaCO3)		120	4.00				
BTEX by EPA 8021B	***Extracted:***	Jan-14-15 15:00					
	Analyzed:	Jan-14-15 19:45					
	Units/RL:	mg/L	RL				
Benzene		0.00185	0.00100				
Toluene		ND	0.00200				
Ethylbenzene		ND	0.00100				
m_p-Xylenes		ND	0.00200				
o-Xylene		ND	0.00100				
Total Xylenes		ND	0.00100				
Total BTEX		0.00185	0.00100				
Inorganic Anions by EPA 300/300.1	***Extracted:***	Jan-20-15 18:33					
	Analyzed:	Jan-20-15 18:33					
	Units/RL:	mg/L	RL				
Chloride		198000	5000				
Mercury, Total by EPA 245.1 SUB: TX104704215	***Extracted:***	Jan-20-15 11:20					
	Analyzed:	Jan-20-15 14:41					
	Units/RL:	mg/L	RL				
Mercury		ND	0.00200				

Kelsey Brooks
Project Manager

Certificate of Analysis Summary 500412

Western Refining, Jal, NM

Project Name: South Brine Pond

Project Id:
Contact: Ken Parker
Project Location:

Date Received in Lab: Wed Jan-14-15 01:30 pm
Report Date: 29-JAN-15
Project Manager: Kelsey Brooks

Analysis Requested							
	Lab Id:	500412-001					
	Field Id:	South Pond					
	Depth:						
	Matrix:	WATER					
	Sampled:	Jan-14-15 10:00					
Metals by EPA 200.8 SUB: TX104704215	*Extracted:*	Jan-16-15 11:10					
	Analyzed:	Jan-20-15 21:20					
	Units/RL:	mg/L	RL				
Arsenic		ND	0.0800				
Barium		ND	0.320				
Cadmium		ND	0.160				
Chromium		ND	0.160				
Lead		ND	0.160				
Selenium		ND	0.0800				
Silver		ND	0.160				
Metals per ICP by EPA 200.7 SUB: TX104704295	*Extracted:*	Jan-29-15 06:15					
	Analyzed:	Jan-29-15 12:25					
	Units/RL:	mg/L	RL				
Calcium		518	50.0				
Magnesium		1550	5.00				
Potassium		4490	250				
Sodium		105000	250				
TDS by SM2540C	*Extracted:*						
	Analyzed:	Jan-20-15 11:00					
	Units/RL:	mg/L	RL				
Total dissolved solids		283000	5.00				
pH by SM4500-H	*Extracted:*						
	Analyzed:	Jan-16-15 10:00					
	Units/RL:	Deg C	RL				
Temperature		21.4					

Kelsey Brooks
Project Manager

Certificate of Analysis Summary 500412

Western Refining, Jal, NM

Project Name: South Brine Pond

Project Id:
Contact: Ken Parker
Project Location:

Date Received in Lab: Wed Jan-14-15 01:30 pm
Report Date: 29-JAN-15
Project Manager: Kelsey Brooks

Analysis Requested							
	Lab Id:	500412-001					
	Field Id:	South Pond					
	Depth:						
	Matrix:	WATER					
	Sampled:	Jan-14-15 10:00					
pH by SM4500-H	***Extracted:***						
	Analyzed:	Jan-16-15 10:00					
	Units/RL:	SU RL					
pH		7.37					

Kelsey Brooks
Project Manager

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

\+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Form 2 - Surrogate Recoveries

Project Name: South Brine Pond

Work Orders : 500412, **Project ID:**

Lab Batch #: 959553 **Sample:** 500412-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/14/15 19:45

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0295	0.0300	98	80-120	
4-Bromofluorobenzene	0.0310	0.0300	103	80-120	

Lab Batch #: 959553 **Sample:** 667097-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/14/15 18:06

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0294	0.0300	98	80-120	
4-Bromofluorobenzene	0.0269	0.0300	90	80-120	

Lab Batch #: 959553 **Sample:** 667097-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/14/15 18:23

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0311	0.0300	104	80-120	
4-Bromofluorobenzene	0.0252	0.0300	84	80-120	

Lab Batch #: 959553 **Sample:** 667097-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/14/15 18:39

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0313	0.0300	104	80-120	
4-Bromofluorobenzene	0.0261	0.0300	87	80-120	

Lab Batch #: 959553 **Sample:** 500339-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/14/15 18:55

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0311	0.0300	104	80-120	
4-Bromofluorobenzene	0.0257	0.0300	86	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: South Brine Pond

Work Orders : 500412, **Project ID:**

Lab Batch #: 959553 **Sample:** 500339-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 01/14/15 19:12

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0314	0.0300	105	80-120	
4-Bromofluorobenzene	0.0265	0.0300	88	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Blank Spike Recovery

Project Name: South Brine Pond

Work Order #: 500412 **Project ID:**

Lab Batch #: 960021 **Sample:** 960021-1-BKS **Matrix:** Water

Date Analyzed: 01/20/2015 **Date Prepared:** 01/20/2015 **Analyst:** MHS

Reporting Units: mg/L **Batch #:** 1 **BLANK /BLANK SPIKE RECOVERY STUDY**

TDS by SM2540C Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Total dissolved solids	<5.00	1000	1160	116	80-120	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

BS / BSD Recoveries

Project Name: South Brine Pond

Work Order #: 500412 **Project ID:**

Analyst: ARM **Date Prepared:** 01/14/2015 **Date Analyzed:** 01/14/2015

Lab Batch ID: 959553 **Sample:** 667097-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.0959	96	0.100	0.0983	98	2	70-125	25	
Toluene	<0.00200	0.100	0.111	111	0.100	0.114	114	3	70-125	25	
Ethylbenzene	<0.00100	0.100	0.122	122	0.100	0.126	126	3	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.232	116	0.200	0.240	120	3	70-131	25	
o-Xylene	<0.00100	0.100	0.110	110	0.100	0.114	114	4	71-133	25	

Analyst: JUM **Date Prepared:** 01/20/2015 **Date Analyzed:** 01/20/2015

Lab Batch ID: 959952 **Sample:** 667316-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	<1.00	25.0	23.0	92	25.0	22.8	91	-1	90-110	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: South Brine Pond

Work Order #: 500412 **Project ID:**

Analyst: ANS **Date Prepared:** 01/20/2015 **Date Analyzed:** 01/20/2015

Lab Batch ID: 959868 **Sample:** 667301-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury, Total by EPA 245.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.000200	0.00200	0.00219	110	0.00200	0.00217	109	1	85-115	20	

Analyst: DAB **Date Prepared:** 01/16/2015 **Date Analyzed:** 01/16/2015

Lab Batch ID: 959695 **Sample:** 667164-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Metals by EPA 200.8 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.00200	0.100	0.102	102	0.100	0.102	102	0	85-115	20	
Barium	<0.00400	0.100	0.0985	99	0.100	0.106	106	7	85-115	20	
Chromium	<0.00400	0.100	0.0958	96	0.100	0.0999	100	4	85-115	20	
Lead	<0.00200	0.100	0.102	102	0.100	0.110	110	8	85-115	20	
Selenium	<0.00200	0.100	0.106	106	0.100	0.103	103	3	85-115	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: South Brine Pond

Work Order #: 500412 **Project ID:**

Analyst: DAB **Date Prepared:** 01/20/2015 **Date Analyzed:** 01/20/2015

Lab Batch ID: 959910 **Sample:** 667305-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Metals by EPA 200.8 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Cadmium	<0.00200	0.100	0.105	105	0.100	0.108	108	3	85-115	20	
Silver	<0.00200	0.0500	0.0527	105	0.0500	0.0535	107	2	85-115	20	

Analyst: DAT **Date Prepared:** 01/29/2015 **Date Analyzed:** 01/29/2015

Lab Batch ID: 960563 **Sample:** 667689-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Metals per ICP by EPA 200.7 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Calcium	<0.100	1.00	1.01	101	1.00	1.01	101	0	85-115	20	
Magnesium	<0.0100	1.00	0.893	89	1.00	0.919	92	3	85-115	20	
Potassium	<0.500	10.0	9.32	93	10.0	9.38	94	1	85-115	20	
Sodium	<0.500	11.0	10.7	97	11.0	10.7	97	0	85-115	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: South Brine Pond

Work Order #: 500412 **Project ID:**

Analyst: DHE **Date Prepared:** 01/16/2015 **Date Analyzed:** 01/16/2015

Lab Batch ID: 959648 **Sample:** 959648-1-BKS **Batch #:** 6 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Alkalinity by SM2320B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Alkalinity, Total (as CaCO3)	<4.00	250	256	102	250	257	103	0	80-120	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS Recoveries

Project Name: South Brine Pond

Work Order #: 500412

Lab Batch #: 959952 **Project ID:**

Date Analyzed: 01/20/2015 **Date Prepared:** 01/20/2015 **Analyst:** JUM

QC- Sample ID: 500694-001 S **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

Inorganic Anions by EPA 300 Analytes	MATRIX / MATRIX SPIKE RECOVERY STUDY					
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	222	500	661	88	80-120	

Lab Batch #: 959695

Date Analyzed: 01/16/2015 **Date Prepared:** 01/16/2015 **Analyst:** DAB

QC- Sample ID: 500382-001 S **Batch #:** 1 **Matrix:** Ground Water

Reporting Units: mg/L

Metals by EPA 200.8 Analytes	MATRIX / MATRIX SPIKE RECOVERY STUDY					
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Arsenic	0.00428	0.100	0.107	103	70-130	
Barium	0.0801	0.100	0.195	115	70-130	
Chromium	0.0140	0.100	0.107	93	70-130	
Lead	<0.00200	0.100	0.114	114	70-130	
Selenium	0.00560	0.100	0.104	98	70-130	
Silver	<0.00200	0.0500	0.0524	105	70-130	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference [E] = 200*(C-A)/(C+B)
All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: South Brine Pond

Work Order # : 500412 **Project ID:**

Lab Batch ID: 959553 **QC- Sample ID:** 500339-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 01/14/2015 **Date Prepared:** 01/14/2015 **Analyst:** ARM

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00100	0.100	0.0973	97	0.100	0.0986	99	1	70-125	25	
Toluene	<0.00200	0.100	0.113	113	0.100	0.116	116	3	70-125	25	
Ethylbenzene	<0.00100	0.100	0.125	125	0.100	0.102	102	20	71-129	25	
m_p-Xylenes	<0.00200	0.200	0.238	119	0.200	0.248	124	4	70-131	25	
o-Xylene	<0.00100	0.100	0.113	113	0.100	0.117	117	3	71-133	25	

Lab Batch ID: 959868 **QC- Sample ID:** 500160-001 S **Batch #:** 1 **Matrix:** Waste Water

Date Analyzed: 01/20/2015 **Date Prepared:** 01/20/2015 **Analyst:** ANS

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury, Total by EPA 245.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.000200	0.00200	0.00248	124	0.00200	0.00249	125	0	70-130	20	

Lab Batch ID: 959868 **QC- Sample ID:** 500308-001 S **Batch #:** 1 **Matrix:** Drinking Water

Date Analyzed: 01/20/2015 **Date Prepared:** 01/20/2015 **Analyst:** ANS

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury, Total by EPA 245.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury	<0.000200	0.00200	0.00190	95	0.00200	0.00193	97	2	70-130	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Form 3 - MS / MSD Recoveries

Project Name: South Brine Pond

Work Order # : 500412 **Project ID:**

Lab Batch ID: 959695 **QC- Sample ID:** 500370-001 S **Batch #:** 1 **Matrix:** Ground Water

Date Analyzed: 01/16/2015 **Date Prepared:** 01/16/2015 **Analyst:** DAB

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Metals by EPA 200.8 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	0.0266	0.100	0.125	98	0.100	0.124	97	1	70-130	20	
Barium	0.175	0.100	0.286	111	0.100	0.283	108	1	70-130	20	
Cadmium <01/20/2015 20:04>	<0.00200	0.100	0.106	106	0.100	0.104	104		70-130	20	
Chromium	0.0298	0.100	0.119	89	0.100	0.118	88	1	70-130	20	
Lead	0.00275	0.100	0.113	110	0.100	0.111	108	2	70-130	20	
Selenium	<0.00200	0.100	0.0979	98	0.100	0.0969	97	1	70-130	20	
Silver <01/20/2015 20:04>	<0.00200	0.0500	0.0512	102	0.0500	0.0507	101		70-130	20	

Lab Batch ID: 960563 **QC- Sample ID:** 501096-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 01/29/2015 **Date Prepared:** 01/29/2015 **Analyst:** DAT

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Metals per ICP by EPA 200.7 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Calcium	30.4	1.00	31.1	70	1.00	31.1	70	0	75-125	20	X
Magnesium	2.63	1.00	3.44	81	1.00	3.41	78	1	75-125	20	
Potassium	15.8	10.0	25.2	94	10.0	25.2	94	0	75-125	20	
Sodium	32.3	11.0	43.2	99	11.0	43.4	101	0	75-125	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Sample Duplicate Recovery

Project Name: South Brine Pond

Work Order #: 500412

Lab Batch #: 959648 **Project ID:**
Date Analyzed: 01/16/2015 10:05 **Date Prepared:** 01/16/2015 **Analyst:** DHE
QC- Sample ID: 500257-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

Alkalinity by SM2320B	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Alkalinity, Total (as CaCO3)	196	198	1	20	

Lab Batch #: 960021
Date Analyzed: 01/20/2015 11:00 **Date Prepared:** 01/20/2015 **Analyst:** MHS
QC- Sample ID: 500523-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

TDS by SM2540C	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Total dissolved solids	1300	1250	4	10	

Lab Batch #: 959621
Date Analyzed: 01/16/2015 10:00 **Date Prepared:** 01/16/2015 **Analyst:** WRU
QC- Sample ID: 500348-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: Deg C

pH by SM4500-H	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Temperature	21.7	21.7	0	20	U

Lab Batch #: 959621
Date Analyzed: 01/16/2015 10:00 **Date Prepared:** 01/16/2015 **Analyst:** WRU
QC- Sample ID: 500348-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: SU

pH by SM4500-H	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	7.72	7.72	0	20	U

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

CHAIN OF CUSTODY

Page 1 Of 1

XENCO LABORATORIES

Setting the Standard since 1990

Stafford,Texas (281-240-4200) Odessa, Texas (432-563-1800) Lakeland, Florida (863-646-8526)

Dallas, Texas (214-902-0300) Norcross, Georgia (770-449-8800) Tampa, Florida (813-620-2000)

Service Center - San Antonio, Texas (210-509-3334) www.xenco.com

Xenco Quote # Xenco Job # 500412

Client / Reporting Information

Company Name / Branch: Western Refining

Company Address: PO Box 1345 JAL, NM

Email: Ken.Parker@wnr.com Phone No: 575-631-7933

Project Contact: Ken Parker

Samplers's Name: Ken Parker

Project Information

Project Name/Number:

Project Location: South Brine Pond

Invoice To: Western Refining PO Box 1345 JAL, NM 88252

PO Number:

Analytical Information

1 BTEX
1 Metals RCRA-8
Cations (Ca, Mg, Na, K)
Cl, Alkalinity
TDS
pH

Matrix Codes

A= Air
S = Soil/Sed/Solid
GW =Ground Water
DW = Drinking Water
P = Product
SW = Surface water
SL = Sludge
WW= Waste Water
W = Wipe
O = Oil

WW= Waste Water

No.	Field ID / Point of Collection	Collection: Sample Depth	Date	Time	Matrix	# of bottles	Number of preserved bottles: HCl	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	NONE	Field Comments
1	South Pond		1-14-15	10:00A	W	5									
2															
3															
4															
5															
6															
7															
8															
9															
10															

Turnaround Time (Business days)

- [ ] Same Day TAT
- [x] 5 Day TAT
- [ ] Next Day EMERGENCY
- [ ] 7 Day TAT
- [ ] 2 Day EMERGENCY
- [ ] Contract TAT
- [ ] 3 Day EMERGENCY

TAT Starts Day received by Lab, if received by 3:00 pm

Data Deliverable Information

- [ ] Level II Std QC
- [ ] Level III Std QC+ Forms
- [ ] Level 3 (CLP Forms)
- [ ] TRRP Checklist
- [ ] Level IV (Full Data Pkg /raw data)
- [ ] TRRP Level IV
- [ ] UST / RG -411

Notes:

FED-EX / UPS: Tracking #

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

	Relinquished by Sampler	Date Time:	Received By	Relinquished By:	Date Time:	Received By:
1	Ken Parker	1-14-15 1:30PM	1	2	1/14/15 1530	2
3	Relinquished by:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable	On Ice: X Cooler Temp. Thermo Corr. Factor: 5.0

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to XENCO Laboratories and its affiliates, subcontractors and assigns XENCO's standard terms and conditions of service unless previously negotiated under a fully executed client contract.

Final 1.000

Page 20 of 21

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Western Refining

Date/ Time Received: 01/14/2015 01:30:00 PM

Work Order #: 500412

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	5
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**Yes**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4? Except for samples for the analysis of HEM or HEM-SGT which are verified by the analysts.	**Yes**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by: Kelsey Brooks Date: 01/14/2015

Checklist reviewed by: Kelsey Brooks Date: 01/14/2015

PETTIGREW
& ASSOCIATES PA

ENGINEERING | SURVEYING | TESTING
DEFINING QUALITY SINCE 1965

The Zweig Letter HOTFIRM list WINNER

Ken Parker, Western Refining
PO Box 1345
Jal, New Mexico, 88252
575-392-2632

12 November 2014

RE: Survey Report
Western Refining Subsidence Monitoring

Dear Mr. Parker,

Please review this report of survey findings for the subject project. Please comment as necessary.

SUBSIDENCE MONUMENT MONITORING

The surveyed elevations along with deltas from established values as follows:

NAME	BASE ELEVATION 5/13/2009	ELEVATION 12/21/2012	CHANGE IN ELEVATION
CP-1	3293.47	3293.49	+ 0.02'
CP-2	3297.82	3297.82	No Change
CP-3	3293.56	3293.57	+ 0.01'
SM-1	3292.27	3292.29	+ 0.02'
SM-2	3294.56	3294.57	+ 0.01'
SM-3	3294.85	3294.86	+ 0.01'
SM-4	3294.86	3294.87	+ 0.01'
SMF-1 (Mid Flange)	3295.62	3295.65	+ 0.03'
SMF-1 (Lower Flange)	3293.67	3293.71	+ 0.04'
SMF-2 (Mid Flange)	3297.42	3297.45	+ 0.03'
SMF-2 (Lower Flange)	3295.52	3295.55	+ 0.03'
SMF-3 (Mid Flange)	3298.18	3298.17	- 0.01'
SMF-3 (Lower Flange)	3296.44	3296.44	No Change
SMF-4 (Lower Flange)	3295.99	3296.00	+ 0.01'
BM-1	3294.30	3294.33	+ 0.03'
BM-2	3296.62	3296.64	+ 0.02'
BM-3	3297.73	3297.73	No Change