HOBBS OCD

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 14 2014

RECEIVED

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☐ Oil Well ☐ Gas Well ☒ Other: INJECTION	5. Lease Serial No. NMLC029405B
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA/Agreement, Name and/or No.
	8. Well Name and No. MITCHELL B 7
2. Name of Operator CONOCOPHILLIPS COMPANY Contact: SUSAN B MAUNDER E-Mail: Susan.B.Maunder@conocophillips.com	9. API Well No. 30-025-00591-00-S1
3a. Address MIDLAND, TX 79710 3b. Phone No. (include area code) Ph: 281-206-5281	10. Field and Pool, or Exploratory MALJAMAR
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* Sec 17 T17S R32E NWSW 1980FSL 660FWL	11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips Company respectfully submits this report as requested by Mr. J. Amos.

Our Poseidon Tank continues to be a benefit to our operations in the Maljamar area.

Attached is the most recent test results showing that "fresh water" is in the tank.

Thank you for your time spent reviewing this report.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #249519 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Hobbs
Committed to AFMSS for processing by CATHY QUEEN on 06/19/2014 (14CQ0113SE)

Name *(Printed/Typed)* SUSAN B MAUNDER — Title SENIOR REGULATORY SPECIALIST

Signature (Electronic Submission) — Date 06/13/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — Title JAMES A AMOS SUPERVISORY EPS — Date 07/08/2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. — Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

JUL 15 2014

Analytical Report 486577

for

Conoco Phillips

Project Manager: Ben Warden

Maljamar Tank Sample- May

12-JUN-14

Collected By: Client

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-14-16-TX), 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)
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)

12-JUN-14

Project Manager: **Ben Warden**
Conoco Phillips
3300 North A Street
Midland, TX 79705

Reference: XENCO Report No(s): **486577**
Maljamar Tank Sample- May
Project Address:

Ben Warden:

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) 486577. 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. 486577 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 486577

Conoco Phillips, Midland, TX

Maljamar Tank Sample- May

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Poseidon	W	06-02-14 00:00		486577-001

CASE NARRATIVE

Client Name: Conoco Phillips

Project Name: Maljamar Tank Sample- May

Project ID:
Work Order Number(s): *486577*

Report Date: *12-JUN-14*
Date Received: *06/02/2014*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 486577

Conoco Phillips, Midland, TX

Project Name: Maljamar Tank Sample- May

Project Id:

Contact: Ben Warden

Project Location:

Date Received in Lab: Mon Jun-02-14 06:20 pm

Report Date: 12-JUN-14

Project Manager: Kelsey Brooks

Analysis Requested								
	Lab Id:	486577-001						
	Field Id:	Poseidon						
	Depth:							
	Matrix:	WATER						
	Sampled:	Jun-02-14 00:00						
Alkalinity by SM2320B SUB: E871002	*Extracted:*							
	Analyzed:	Jun-04-14 13:42						
	Units/RL:	mg/L	RL					
Alkalinity, Total (as CaCO3)		136	4.00					
Hydrogen Sulfide by Calculation by SM4500S2-H SUB: E871002	*Extracted:*							
	Analyzed:	Jun-12-14 12:03						
	Units/RL:	mg/L	RL					
Hydrogen sulfide		ND	5.00					
Inorganic Anions by EPA 300/300.1 SUB: E871002	*Extracted:*	Jun-04-14 11:07						
	Analyzed:	Jun-04-14 12:26						
	Units/RL:	mg/L	RL					
Chloride		46.0	10.0					
Sulfate		35.8	10.0					
Metals per ICP by EPA 200.7 SUB: E871002	*Extracted:*	Jun-04-14 09:10						
	Analyzed:	Jun-04-14 19:30						
	Units/RL:	mg/L	RL					
Hardness, Total as CaCO3		142	1.32					
Specific Conductance by EPA 120.1 SUB: E871002	*Extracted:*							
	Analyzed:	Jun-06-14 15:59						
	Units/RL:	uS/cm	RL					
Conductivity		483	2.00					
Sulfide by SM4500-S-F-00 SUB: E871002	*Extracted:*							
	Analyzed:	Jun-05-14 16:27						
	Units/RL:	mg/L	RL					
Sulfide, total		ND	5.00					

Kelsey Brooks
Project Manager

Certificate of Analysis Summary 486577

Conoco Phillips, Midland, TX

Project Name: Maljamar Tank Sample- May

Project Id:

Contact: Ben Warden

Project Location:

Date Received in Lab: Mon Jun-02-14 06:20 pm

Report Date: 12-JUN-14

Project Manager: Kelsey Brooks

Analysis Requested								
	Lab Id:	486577-001						
	Field Id:	Poseidon						
	Depth:							
	Matrix:	WATER						
	Sampled:	Jun-02-14 00:00						
TDS by SM2540C SUB: E871002	*Extracted:*							
	Analyzed:	Jun-04-14 10:29						
	Units/RL:	mg/L	RL					
Total dissolved solids		308	5.00					
Total Residue by SM2540B SUB: E871002	*Extracted:*							
	Analyzed:	Jun-04-14 12:00						
	Units/RL:	mg/L	RL					
Total Residue		338	5.00					
pH, Electrometric by EPA 150.2	*Extracted:*							
	Analyzed:	Jun-03-14 12:49						
	Units/RL:	Deg C	RL					
Temperature		20.8						
pH, Electrometric by EPA 150.2	*Extracted:*							
	Analyzed:	Jun-03-14 12:49						
	Units/RL:	SU	RL					
pH		9.22						

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

Blank Spike Recovery

Project Name: Maljamar Tank Sample- May

Work Order #: 486577 **Project ID:**

Lab Batch #: 942602 **Sample:** 656503-1-BKS **Matrix:** Water

Date Analyzed: 06/04/2014 **Date Prepared:** 06/04/2014 **Analyst:** DEP

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

Inorganic Anions by EPA 300/300.1 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	<1.00	10.0	9.90	99	80-120	
Sulfate	<1.00	10.0	9.95	100	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: Maljamar Tank Sample- May

Work Order #: 486577, 486577 **Project ID:**

Analyst: MAB **Date Prepared:** 06/04/2014 **Date Analyzed:** 06/04/2014

Lab Batch ID: 942540 **Sample:** 942540-1-BKS **Batch #:** 1 **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	252	101	250	253	101	0	80-120	20	

Analyst: DAQ **Date Prepared:** 06/04/2014 **Date Analyzed:** 06/04/2014

Lab Batch ID: 942616 **Sample:** 656462-1-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	<0.200	25.0	26.8	107	25.0	26.9	108	0	85-115	20	
Magnesium	<0.200	25.0	27.6	110	25.0	27.6	110	0	85-115	20	

Analyst: DHE **Date Prepared:** 06/06/2014 **Date Analyzed:** 06/06/2014

Lab Batch ID: 942792 **Sample:** 942792-1-BKS **Batch #:** 1 **Matrix:** Water

Units: uS/cm

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Specific Conductance by EPA 120.1 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
Conductivity	<2.00	1410	1420	101	1410	1420	101	0	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

Final 1.000

BS / BSD Recoveries

Project Name: Maljamar Tank Sample- May

Work Order #: 486577, 486577 **Project ID:**

Analyst: DHE **Date Prepared:** 06/05/2014 **Date Analyzed:** 06/05/2014

Lab Batch ID: 942664 **Sample:** 942664-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Sulfide by SM4500-S-F-00 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
Sulfide, total	<5.00	50.0	42.2	84	50.0	42.0	84	0	80-120	20	

Analyst: LIJ **Date Prepared:** 06/04/2014 **Date Analyzed:** 06/04/2014

Lab Batch ID: 942510 **Sample:** 942510-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TDS by SM2540C 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
Total dissolved solids	<5.00	1000	1020	102	1000	1020	102	0	80-120	10	

Analyst: ANS **Date Prepared:** 06/04/2014 **Date Analyzed:** 06/04/2014

Lab Batch ID: 942608 **Sample:** 942608-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Total Residue by SM2540B 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
Total Residue	<5.00	1000	1020	102	1000	1020	102	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: Maljamar Tank Sample- May

Work Order #: 486577

Lab Batch #: 942616 **Project ID:**

Date Analyzed: 06/04/2014 **Date Prepared:** 06/04/2014 **Analyst:** DAQ

QC- Sample ID: 486189-003 S **Batch #:** 1 **Matrix:** Drinking Water

Reporting Units: mg/L

Metals per ICP by EPA 200.7	MATRIX / MATRIX SPIKE RECOVERY STUDY					
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Calcium	28.6	25.0	55.1	106	70-130	
Magnesium	9.21	25.0	36.7	110	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: Maljamar Tank Sample- May

Work Order # : 486577 **Project ID:**

Lab Batch ID: 942602 **QC- Sample ID:** 486366-012 S **Batch #:** 1 **Matrix:** Ground Water

Date Analyzed: 06/04/2014 **Date Prepared:** 06/04/2014 **Analyst:** DEP

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 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
Chloride	2.70	10.0	12.5	98	10.0	12.6	99	1	80-120	20	
Sulfate	1.68	10.0	11.5	98	10.0	11.6	99	1	80-120	20	

Lab Batch ID: 942616 **QC- Sample ID:** 486424-003 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 06/04/2014 **Date Prepared:** 06/04/2014 **Analyst:** DAQ

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	52.3	25.0	74.9	90	25.0	78.1	103	4	70-130	20	
Magnesium	2.92	25.0	28.6	103	25.0	30.9	112	8	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.

Final 1.000

Sample Duplicate Recovery

Project Name: Maljamar Tank Sample- May

Work Order #: 486577

Lab Batch #: 942540 **Project ID:**
Date Analyzed: 06/04/2014 13:42 **Date Prepared:** 06/04/2014 **Analyst:** MAB
QC- Sample ID: 486573-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

Alkalinity by SM2320B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Alkalinity, Total (as CaCO3)	166	166	0	20	

Lab Batch #: 942792
Date Analyzed: 06/06/2014 15:59 **Date Prepared:** 06/06/2014 **Analyst:** DHE
QC- Sample ID: 486577-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: uS/cm

Specific Conductance by EPA 120.1 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Conductivity	483	488	1	20	

Lab Batch #: 942510
Date Analyzed: 06/04/2014 10:29 **Date Prepared:** 06/04/2014 **Analyst:** LIJ
QC- Sample ID: 486570-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

TDS by SM2540C Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Total dissolved solids	235000	229000	3	10	

Lab Batch #: 942608
Date Analyzed: 06/04/2014 12:00 **Date Prepared:** 06/04/2014 **Analyst:** ANS
QC- Sample ID: 486573-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: mg/L

Total Residue by SM2540B Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Total Residue	266	273	3	20	

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

Sample Duplicate Recovery

Project Name: Maljamar Tank Sample- May

Work Order #: 486577

Lab Batch #: 942499 **Project ID:**
Date Analyzed: 06/03/2014 12:49 **Date Prepared:** 06/03/2014 **Analyst:** WRU
QC- Sample ID: 486536-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: Deg C

pH, Electrometric by EPA 150.2	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Temperature	21.8	21.8	0	20	U

Lab Batch #: 942499
Date Analyzed: 06/03/2014 12:49 **Date Prepared:** 06/03/2014 **Analyst:** WRU
QC- Sample ID: 486536-001 D **Batch #:** 1 **Matrix:** Water
Reporting Units: SU

pH, Electrometric by EPA 150.2	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
pH	7.54	7.54	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

Xenco Laboratories

The Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Ben Warden
Company Name: ConocoPhillips
Company Address: 3300 North A Street
City/State/Zip: Midland, TX 79705
Telephone No: 432-250-3096 Fax No:
Sampler Signature:
e-mail: ben.warden@conocophillips.com

Project Name: Maljamar Tank Sample - May
Project #:
Project Loc:
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only) ORDER #: 486577

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge / GW=Groundwater S=Soil/Solid / NP=Non-Potable Specify Other	Analyze For: Anions (Cl, SO4, Alkalinity)			H2S	HCO3		pH	Total Hardness as CaCO3	Total Solids & TDS				RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
	Poseidon.							✓								GW	✓			✓	✓		✓	✓	✓					✓

Special Instructions:
Please send me the invoice and I will label it with the proper codes and my signature.

Relinquished by:	Date	Time	Received by:	Date	Time
			Julian Martinez	6-2-14	18:20
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N

by Courier: UPS DHL FedEx Lone Star

Temperature Upon Receipt:	As Read	Corrected
		°C

Final 1.000

XENCO Laboratories
Prelogin/Nonconformance Report- Sample Log-In

Client: Conoco Phillips

Date/ Time Received: 06/02/2014 06:20:00 PM

Work Order #: 486577

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)?	2.5
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	No
#5 Custody Seals intact on sample bottles?	No
#6 *Custody Seals Signed and dated?	No
#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)?	No
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	N/A
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	Yes
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	Yes

*** 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: 06/03/2014

Checklist reviewed by: Kelsey Brooks Date: 06/03/2014