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420 87505 9101 9690 0094 0865 9229 50

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February 21, 2012

TRIDENT ENVIRONMENTAL

Mr. Glenn von Gonten
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: 2011 Annual Groundwater Monitoring Report
South Four Lakes #13 Site (AP-76)
T12S-R34E-Section 1, Unit Letter L, Lea County, New Mexico

Dear Mr. von Gonten:

As agent for Pride Energy Company (Pride), Trident Environmental submits this *2011 Annual Groundwater Monitoring Report* for the above-referenced site.

Groundwater Monitoring Results

Groundwater monitoring activities have been performed at the site on a quarterly basis since January 2008 as summarized in the following tables. A site plan showing the most recent groundwater elevation and the chloride/TDS concentrations in monitoring wells MW-1 and MW-2 is shown in Figure 1. Figure 2 is a graph depicting chloride and TDS concentrations and groundwater elevation versus time at monitoring wells MW-1 and MW-2.

Summary of Groundwater Monitoring Results (MW-1)

Monitoring Well	Sample Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)	Chloride (mg/L)	TDS (mg/L)	BTEX (mg/L)
MW-1	01/23/08	27.5	4116.22	**1,330**	NA	<0.003
	03/13/08	27.63	4116.09	**665**	**1,461**	<0.003
	06/19/08	27.88	4115.84	**736**	**1,560**	<0.003
	09/09/08	28.05	4115.67	**760**	**1,790**	<0.003
	12/08/08	28.11	4115.61	**710**	**1,720**	<0.003
	03/18/09	28.28	4115.44	**750**	**1,770**	<0.003
	06/17/09	28.46	4115.26	**760**	**1830**	<0.003
	09/21/09	28.49	4115.23	**1040**	**2220**	<0.003
	12/11/09	28.55	4115.17	**820**	**1930**	<0.003
	03/24/10	28.65	4115.07	**780**	**1820**	---
	06/15/10	28.75	4114.97	**940**	**2150**	---
	09/13/10	28.82	4114.90	**1080**	**2280**	---
	12/13/10	28.88	4114.84	**813**	**2170**	---
	03/17/11	28.97	4114.75	**1110**	**3220**	---
	06/29/11	29.12	4114.60	**994**	**2260**	---
	09/28/11	29.19	4114.53	**1170**	**2630**	---
	12/13/11	29.25	4114.47	**1170**	**2290**	---
MW-2	Continued on next page					

Summary of Groundwater Monitoring Results (MW-2)

Monitoring Well	Sample Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)	Chloride (mg/L)	TDS (mg/L)	BTEX (mg/L)
MW-2	06/19/08	27.54	4115.71	**320**	976	<0.003
	09/09/08	27.71	4115.54	172	848	<0.003
	12/08/08	27.80	4115.45	164	732	<0.003
	03/18/09	27.95	4115.30	168	720	<0.003
	06/17/09	28.19	4115.06	188	769	<0.003
	09/21/09	28.15	4115.10	240	747	<0.003
	12/11/09	28.21	4115.04	220	866	<0.003
	03/24/10	28.30	4114.95	232	842	---
	06/15/10	28.41	4114.84	220	870	---
	09/13/10	28.50	4114.75	**260**	935	---
	12/13/10	28.54	4114.71	173	876	---
	03/17/11	28.62	4114.63	217	980	---
	06/29/11	28.76	4114.49	234	860	---
	09/28/11	28.85	4114.40	**280**	922	---
	12/13/11	28.90	4114.35	**313**	**1,230**	---

Total Dissolved Solids (TDS), chloride, and BTEX concentrations listed in milligrams per liter (mg/L).
Values in boldface type indicate concentrations exceed WQCC standards.
BTOC - Below Top of Casing; AMSL – Above Mean Sea Level
NA Indicates parameter was not analyzed for this constituent.

The constituents of concern in groundwater are chloride and TDS as they remain above the New Mexico's Water Quality Control Commission (WQCC) standards, of 250 mg/L and 1,000 mg/L, respectively; however, horizontal dispersion of the chloride and TDS in groundwater does not extend beyond approximately 100 feet downgradient (southeast) of the southeast corner of the pit as evidenced by the results of monitoring well MW-2 where background chloride and TDS levels are observed in groundwater. Benzene, toluene, ethylbenzene, and xylenes (BTEX) are not a constituent of concern as concentrations remained below laboratory detection limits and WQCC standards for two years; therefore, analysis for these constituents has been suspended. Quarterly ground water sampling and monitoring will continue.

We look forward to working with you on this project. If you have any questions please call me at 432-638-8740 or Matt Pride at 918-524-9200.

Sincerely,

Gilbert Van Deventer, REM, PG
Trident Environmental

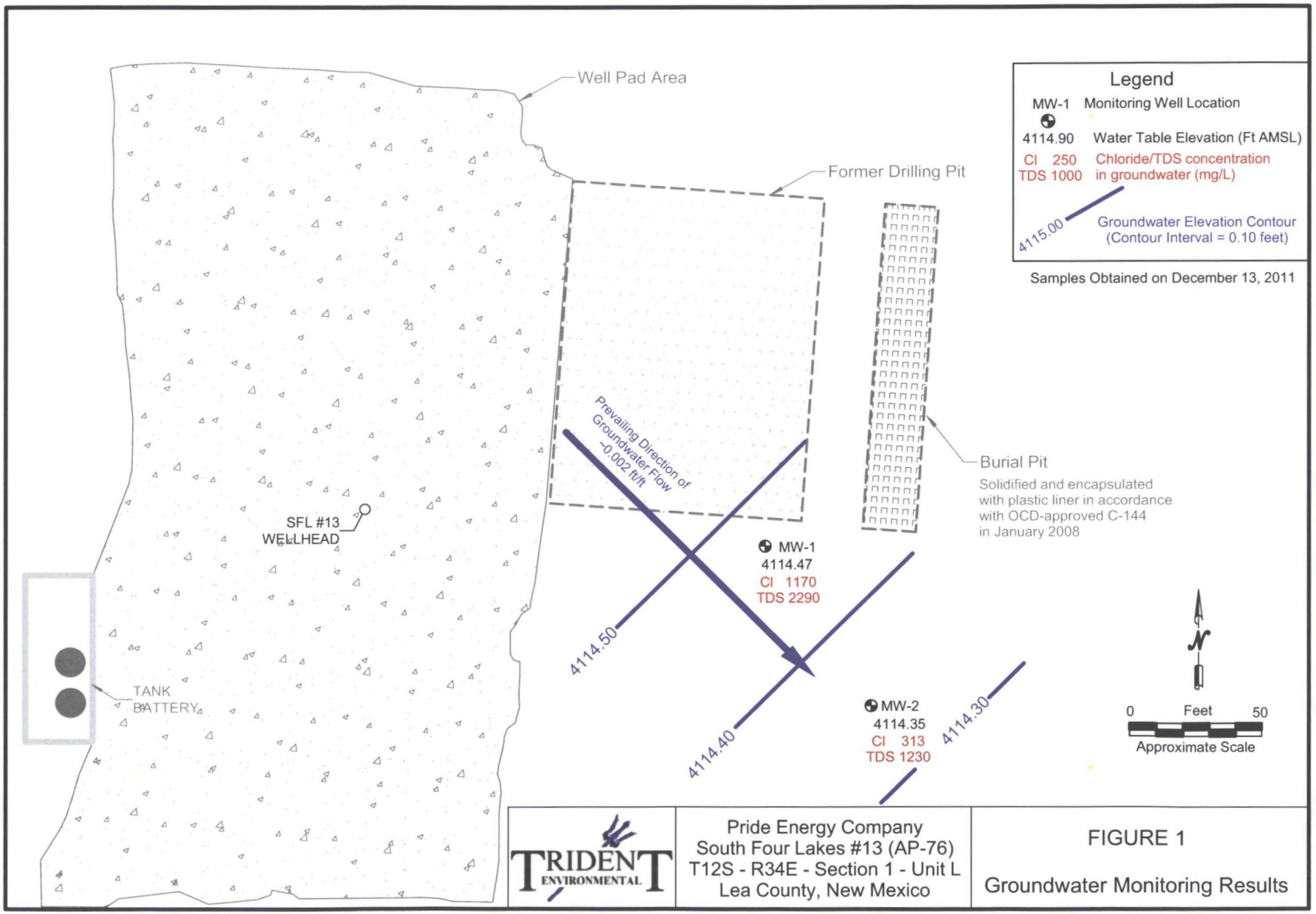
cc: Matt Pride (Pride Energy Co., Tulsa, OK)
Geoffry Leking (NMOCD -District 1, Hobbs, NM)

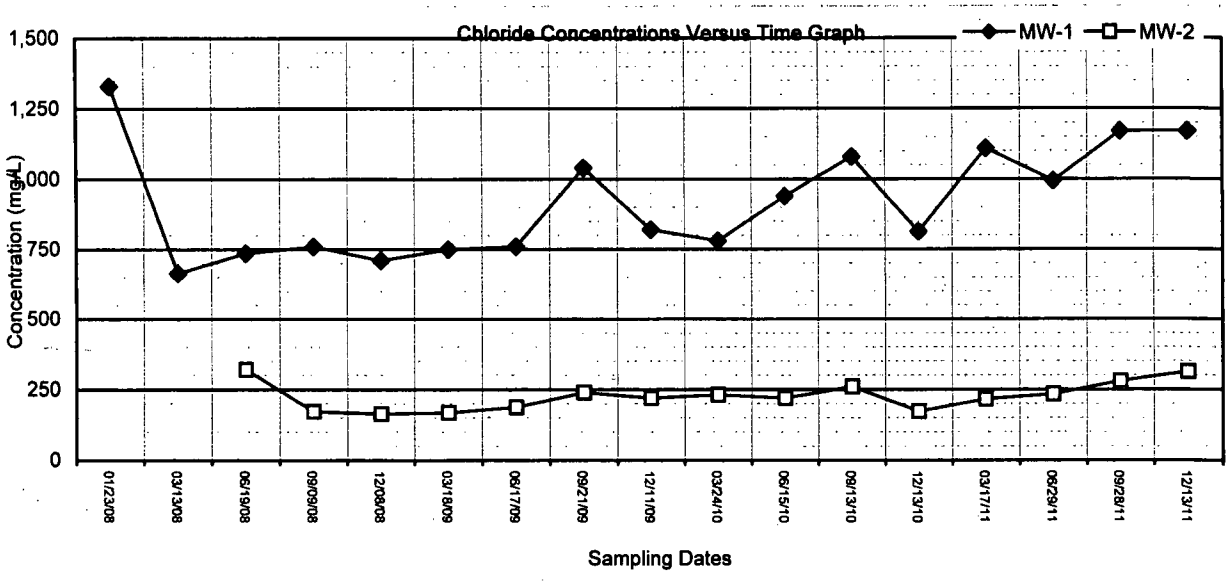
Attachments: *Figures, well sampling data form, and laboratory analytical reports*

FIGURE 1

GRAPHS

WELL SAMPLING DATA FORM


Well Pad Area
Former Drilling Pit
Burial Pit
Solidified and encapsulated with plastic liner in accordance with OCD-approved C-144 in January 2008
SFL #13 WELLHEAD
TANK BATTERY
Prevailing Direction of Groundwater Flow ~0.002 ft/ft
MW-1
4114.47
Cl 1170
TDS 2290
MW-2
4114.35
Cl 313
TDS 1230
4114.50
4114.40
4114.30
Legend
MW-1 Monitoring Well Location
4114.90 Water Table Elevation (Ft AMSL)
Cl 250
TDS 1000
Chloride/TDS concentration in groundwater (mg/L)
4115.00
Groundwater Elevation Contour (Contour Interval = 0.10 feet)
Samples Obtained on December 13, 2011
0 Feet 50
Approximate Scale
TRIDENT ENVIRONMENTAL
Pride Energy Company
South Four Lakes #13 (AP-76)
T12S - R34E - Section 1 - Unit L
Lea County, New Mexico
FIGURE 1
Groundwater Monitoring Results


Chloride Concentrations Versus Time Graph
MW-1
MW-2
Concentration (mg/L)
1,500
1,250
1,000
750
500
250
0
01/23/08
03/13/08
06/19/08
09/09/08
12/08/08
03/18/09
06/17/09
09/21/09
12/11/09
03/24/10
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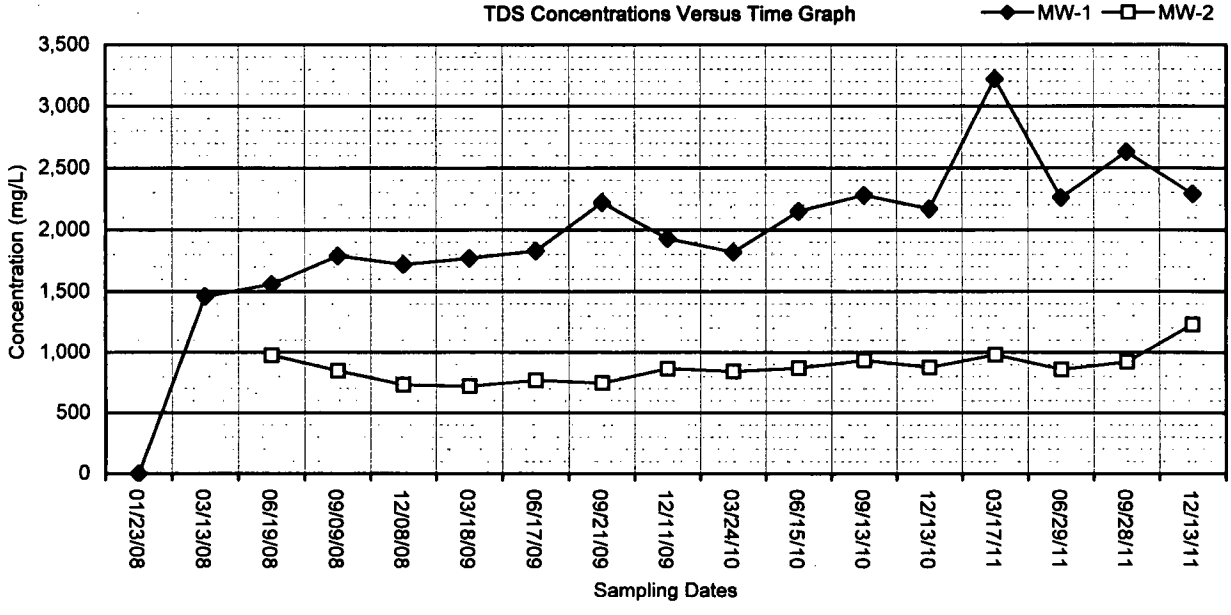
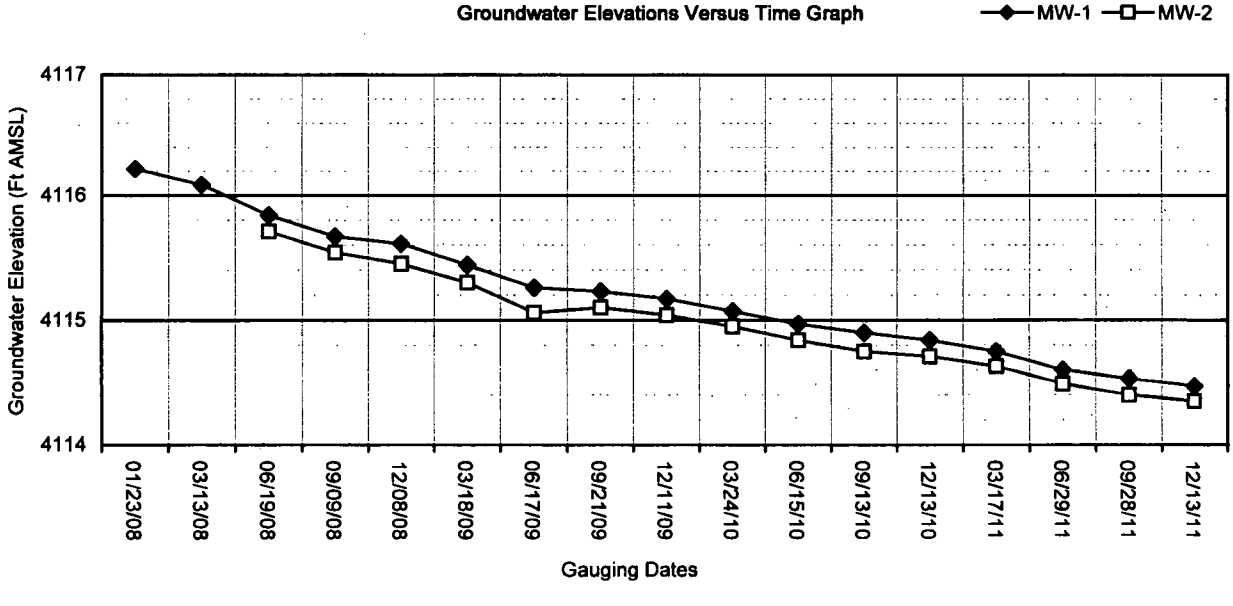
09/13/10
12/13/10
03/17/11
06/29/11
09/28/11
12/13/11
Sampling Dates


TDS Concentrations Versus Time Graph
MW-1
MW-2
Concentration (mg/L)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
01/23/08
03/13/08
06/19/08
09/09/08
12/08/08
03/18/09
06/17/09
09/21/09
12/11/09
03/24/10
06/15/10
09/13/10
12/13/10
03/17/11
06/29/11
09/28/11
12/13/11
Sampling Dates


Groundwater Elevations Versus Time Graph
MW-1
MW-2
Groundwater Elevation (Ft AMSL)
4117
4116
4115
4114
01/23/08
03/13/08
06/19/08
09/09/08
12/08/08
03/18/09
06/17/09
09/21/09
12/11/09
03/24/10
06/15/10
09/13/10
12/13/10
03/17/11
06/29/11
09/28/11
12/13/11
Gauging Dates

WELL SAMPLING DATA FORM

CLIENT: Pride Energy Company
SITE NAME: South Four Lakes #13
SITE LOCATION: T12S-R34E-Sec1 Unit Letter L ~ Lea County, NM
SAMPLER: Gil Van Deventer

TRIDENT ENVIRONMENTAL

PURGING METHOD: ☐ Hand Bailed ☑ Pump, Type: Proactive SuperTwister (3-stage Submersible Pump)
SAMPLING METHOD: ☐ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other:
DISPOSAL METHOD OF PURGE WATER: ☐ On-site Drum ☐ Drums ☑ SWD Disposal Facility

Quarter	Date	Time	Monitoring Well No.	Depth to Water (ft btoc)	Total Depth (ft)	Water Column Height (ft)	Well Factor 2"=.16 4"=.65	Calc. Well Vol. (gal)	Volume Purged (gal)	No. of Well Volumes Purged	Temp. °C	Cond. mS/cm	pH	PHYSICAL APPEARANCE AND REMARKS
First	03/24/10	13:40	MW-1	28.97	43.26	14.29	0.16	2.3	15	6.6	19.1	4.22	7.00	Whitish then cleared during purge
	03/24/10	14:00	MW-2	28.62	42.10	13.48	0.16	2.2	15	7.0	19.3	1.40	7.23	Pinkish/tan then cleared during purge
Second	06/29/11	10:45	MW-1	29.12	43.26	14.14	0.16	2.3	14	6.2	19.5	4.28	7.13	Whitish then cleared during purge
	06/29/11	9:45	MW-2	28.76	42.10	13.34	0.16	2.1	14	6.6	19.9	1.55	6.96	Whitish then cleared during purge
Third	09/28/11	13:40	MW-1	29.19	43.26	14.07	0.16	2.3	12	5.3	19.5	4.29	7.15	Whitish then cleared during purge
	09/28/11	14:10	MW-2	28.85	42.10	13.25	0.16	2.1	12	5.7	20.4	1.55	7.10	Whitish then cleared during purge
Fourth	12/13/11	16:00	MW-1	29.25	43.26	14.01	0.16	2.2	14	6.2	16.4	3.54	7.13	Whitish then cleared during purge
	12/13/11	15:30	MW-2	28.90	42.10	13.20	0.16	2.1	15	7.1	17.6	0.82	7.11	Whitish then cleared during purge

COMMENTS: Equipment decontamination consists of gloves, Alconox, and Distilled Water Rinse.
Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.
Delivered samples to Xenco Laboratories in Odessa TX for chloride, sulfate, and TDS analysis.

LABORATORY ANALYTICAL REPORTS

Analytical Report 410330

for

Trident Environmental

Project Manager: Gil Van Deventer

Pride Energy Company

South Four Lakes #13 (AP-76)

22-MAR-11

Celebrating 20 Years of commitment to excellence in Environmental Testing Services

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL01273):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901):
Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

22-MAR-11

Project Manager: **Gil Van Deventer**
Trident Environmental
P.O. Box 7624
Midland, TX 79708

Reference: XENCO Report No: **410330**
Pride Energy Company
Project Address: T12S-R34E-Sec1 Unit Letter L ~ Lea County, NM

Gil Van Deventer:

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 410330. 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. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. 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. 410330 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,

Brent Barron, II
Odessa Laboratory Manager

XENCO Laboratories

Sample Cross Reference 410330

Trident Environmental, Midland, TX

Pride Energy Company

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	Mar-17-11 13:40		410330-001
MW-2	W	Mar-17-11 14:00		410330-002

CASE NARRATIVE

Client Name: Trident Environmental
Project Name: Pride Energy Company

Project ID:	*South Four Lakes #13 (AP*	*Report Date:*	*22-MAR-11*
Work Order Number:	*410330*	*Date Received:*	*03/18/2011*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Certificate of Analy Summary 410330

Trident Environmental, Midland, TX

Project Name: Pride Energy Company

Project Id: South Four Lakes #13 (AP-76)
Contact: Gil Van Deventer
Project Location: T12S-R34E-Sec1 Unit Letter L ~ Lea Cou

Date Received in Lab: Fri Mar-18-11 01:17 pm
Report Date: 22-MAR-11
Project Manager: Brent Barron, II

Analysis Requested						
	Lab Id:	410330-001		410330-002		
	Field Id:	MW-1		MW-2		
	Depth:					
	Matrix:	WATER		WATER		
	Sampled:	Mar-17-11 13:40		Mar-17-11 14:00		
Anions by E300	***Extracted:***					
	Analyzed:	Mar-21-11 10:52		Mar-21-11 10:52		
	Units/RL:	mg/L	RL	mg/L	RL	
Chloride		1110	25.0	217	5.00	
TDS by SM2540C	***Extracted:***					
	Analyzed:	Mar-21-11 15:00		Mar-21-11 15:00		
	Units/RL:	mg/L	RL	mg/L	RL	
Total dissolved solids		3220	5.00	980	5.00	

Brent Barron, II
Odessa Laboratory Manager

Final 1.000

XENCO Laboratories

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 effect the recovery of the spike concentration. This condition could also effect 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 MQL and above the SQL.

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.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit

PQL Practical Quantitation Limit

* Outside XENCO's scope of NELAC Accreditation.

BS / BSD Recoveries

Project Name: Pride Energy Company

Work Order #: 410330 **Project ID:** South Four Lakes #13 (AP-76)

Analyst: LATCOR **Date Prepared:** 03/21/2011 **Date Analyzed:** 03/21/2011

Lab Batch ID: 848684 **Sample:** 848684-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

Anions by E300	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
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	<0.500	10.0	9.91	99	10.0	9.94	99	0	80-120	20	

Analyst: WRU **Date Prepared:** 03/21/2011 **Date Analyzed:** 03/21/2011

Lab Batch ID: 848683 **Sample:** 848683-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

TDS by SM2540C	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
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	958	96	1000	914	91	5	80-120	30	

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

Form 3 - MS Recoveries

Project Name: Pride Energy Company

Work Order #: 410330
Lab Batch #: 848684
Project ID: South Four Lakes #13 (AP-76
Date Analyzed: 03/21/2011
Date Prepared: 03/21/2011
Analyst: LATCOR
QC- Sample ID: 410286-001 S
Batch #: 1
Matrix: Water
Reporting Units: mg/L

Inorganic Anions by EPA 300	MATRIX / MATRIX SPIKE RECOVERY STUDY					
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	531	200	749	109	80-120	

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

XENCO Laboratories

Sample Duplicate Recovery

Project Name: Pride Energy Company

Work Order #: 410330

Lab Batch #: 848684 **Project ID:** South Four Lakes #13 (AP-76)

Date Analyzed: 03/21/2011 10:52 **Date Prepared:** 03/21/2011 **Analyst:** LATCOR

QC- Sample ID: 410286-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

Anions by E300 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	531	517	3	20	

Lab Batch #: 848683

Date Analyzed: 03/21/2011 15:00 **Date Prepared:** 03/21/2011 **Analyst:** WRU

QC- Sample ID: 410286-001 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	1490	1520	2	30	

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

12600 West I-20 East - Odessa TX
797658 Tel
(432) 563-1800
Fax (432) 563-1713

Xenco Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 410530

Company Name: Trident Environmental	BILL TO Company: Pride Energy Company / Matt Pride — PO#
Project Manager: Gil Van Deventer / Trident Environmental	Address: (Street, City, Zip) PO Box 710950, Tulsa, OK 74170-1950
Address: (Street, City, Zip) PO Box 12177, Odessa TX 79768	Phone#: (918) 524-9200 — Fax#: (918) 524-9292
Phone #: (432) 638-8740	Fax #: (413) 403-9968
Project #: South Four Lakes #13 (AP-76)	Project Name: Pride Energy Company
Project Location: T12S-R34E-Sec1 Unit Letter L ~ Lea County, NM	Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (BTEX only)	HNO_3	$NaHSO_4$	H_2SO_4	ICE	NONE	SAMPLING: DATE	TIME
	MW-1	G	1	X								X		3/17/11	1340
	MW-2	G	1	X								X		3/17/11	1400

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021 B	TPH 418.1/TX1005 / TX1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	Moisture Content	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	Total Dissolved Solids (160.1 or SM2540C)	Chloride / Cl (SM4500 B or 300.1)		Turn Around Time ~ 24 Hours
															X	X		
															X	X		

Relinquished by: Gil Van Deventer — Date: 3/18/11 — Time: 1:17 pm
Received by: — Date: — Time:

Relinquished by: — Date: — Time:
Received By: (Laboratory Staff) Lisa Murdock — Date: 3-18-11 — Time: 1:17

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Sample Condition: Cool: Yes [X] No [ ] — Intact: Yes [X] No [ ] — 3.6

CHECKED BY: (Initials) LM

Phone Results: [ ] Yes [X] No
Fax Results: [ ] Yes [X] No — Additional Fax Number:

REMARKS:

Email Results to:
gil@trident-environmental.com
mattp@pride-energy.com

Prelogin / Nonconformance Report - Sample Log-In

Client: Trident Environmental
Date/Time: 3-18-11 1:17
Lab ID #: 410350
Initials: JM

Sample Receipt Checklist

1. Samples on ice?	Blue	(Water)	No	
2. Shipping container in good condition?	(Yes)	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	(Yes)	No	N/A	
4. Chain of Custody present?	(Yes)	No		
5. Sample instructions complete on chain of custody?	(Yes)	No		
6. Any missing / extra samples?	Yes	(No)		
7. Chain of custody signed when relinquished / received?	(Yes)	No		
8. Chain of custody agrees with sample label(s)?	(Yes)	No		
9. Container labels legible and intact?	(Yes)	No		
10. Sample matrix / properties agree with chain of custody?	(Yes)	No		
11. Samples in proper container / bottle?	(Yes)	No		
12. Samples properly preserved?	(Yes)	No	N/A	
13. Sample container intact?	(Yes)	No		
14. Sufficient sample amount for indicated test(s)?	(Yes)	No		
15. All samples received within sufficient hold time?	(Yes)	No		
16. Subcontract of sample(s)?	Yes	(No)	N/A	
17. VOC sample have zero head space?	Yes	No	(N/A)	

18. Cooler 1 No.		Cooler 2 No.		Cooler 3 No.		Cooler 4 No.		Cooler 5 No.	
lbs	3.6 °C	lbs	°C	lbs	°C	lbs	°C	lbs	°C

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that apply:
- ☐ Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
- ☐ Initial and Backup Temperature confirm out of temperature conditions
- ☐ Client understands and would like to proceed with analysis

Analytical Report 421884

for

Trident Environmental

Project Manager: Gil Van Deventer

Pride Energy Company

South Four Lakes #13 (AP-76)

06-JUL-11

Collected By: Client

Celebrating 20 Years of commitment to excellence in Environmental Testing Services

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL01273):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

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)

XENCO Laboratories

06-JUL-11

Project Manager: **Gil Van Deventer**
Trident Environmental
P.O. Box 7624
Midland, TX 79708

Reference: XENCO Report No: **421884**
Pride Energy Company
Project Address: T12S-R34E-Sec 1 Unit Letter L-Lea County, NM

Gil Van Deventer:

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 421884. 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. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. 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. 421884 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,

Brent Barron, II
Odessa Laboratory Manager

XENCO Laboratories

Sample Cross Reference 421884

Trident Environmental, Midland, TX

Pride Energy Company

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	Jun-29-11 09:45		421884-001
MW-2	W	Jun-29-11 10:45		421884-002

CASE NARRATIVE

Client Name: Trident Environmental
Project Name: Pride Energy Company

Project ID:	*South Four Lakes #13 (AP*	*Report Date:*	*06-JUL-11*
Work Order Number:	*421884*	*Date Received:*	*07/01/2011*

Sample receipt non conformances and comments:
None

Sample receipt non conformances and comments per sample:

None

Certificate of Analysis Summary 421884

Trident Environmental, Midland, TX

Project Name: Pride Energy Company

Project Id: South Four Lakes #13 (AP-76)
Contact: Gil Van Deventer
Project Location: T12S-R34E-Sec 1 Unit Letter L-Lea Coun

Date Received in Lab: Fri Jul-01-11 05:05 pm
Report Date: 06-JUL-11
Project Manager: Brent Barron, II

Analysis Requested					
	Lab Id:	421884-001		421884-002	
	Field Id:	MW-1		MW-2	
	Depth:				
	Matrix:	WATER		WATER	
	Sampled:	Jun-29-11 09:45		Jun-29-11 10:45	
Anions by E300	***Extracted:***				
	Analyzed:	Jul-05-11 19:10		Jul-05-11 19:10	
	Units/RL:	mg/L	RL	mg/L	RL
Chloride		994	100	234	50.0
TDS by SM2540C	***Extracted:***				
	Analyzed:	Jul-05-11 15:30		Jul-05-11 15:30	
	Units/RL:	mg/L	RL	mg/L	RL
Total dissolved solids		2260	5.00	860	5.00

Brent Barron, II
Odessa Laboratory Manager

Final 1.000

XENCO Laboratories

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 MQL and above the SQL.

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.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit

PQL Practical Quantitation Limit

LOD Limit of Detection

LOQ Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

BS / BSD Recoveries

Project Name: Pride Energy Company

Work Order #: 421884 **Project ID:** South Four Lakes #13 (AP-76)

Analyst: BRB **Date Prepared:** 07/05/2011 **Date Analyzed:** 07/05/2011

Lab Batch ID: 862643 **Sample:** 862643-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

Anions by E300	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
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	<0.500	10.0	9.33	93	10.0	9.09	91	3	80-120	20	

Analyst: WRU **Date Prepared:** 07/05/2011 **Date Analyzed:** 07/05/2011

Lab Batch ID: 862675 **Sample:** 862675-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

TDS by SM2540C	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
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	930	93	1000	944	94	1	80-120	30	

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

XENCO Laboratories

Form 3 - MS Recoveries

Project Name: Pride Energy Company

Work Order #: 421884

Lab Batch #: 862643

Project ID: South Four Lakes #13 (AP-76)

Date Analyzed: 07/05/2011

Date Prepared: 07/05/2011

Analyst: BRB

QC- Sample ID: 421830-001 S

Batch #: 1

Matrix: Water

Reporting Units: mg/L

Inorganic Anions by EPA 300	MATRIX / MATRIX SPIKE RECOVERY STUDY					
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	46.9	500	507	92	80-120	

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

XENCO Laboratories

Sample Duplicate Recovery

Project Name: Pride Energy Company

Work Order #: 421884

Lab Batch #: 862643 **Project ID:** South Four Lakes #13 (AP-76)

Date Analyzed: 07/05/2011 19:10 **Date Prepared:** 07/05/2011 **Analyst:** BRB

QC- Sample ID: 421830-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

Anions by E300	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	46.9	42.1	11	20	

Lab Batch #: 862675

Date Analyzed: 07/05/2011 15:30 **Date Prepared:** 07/05/2011 **Analyst:** WRU

QC- Sample ID: 421830-001 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	2260	2200	3	30	

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

12600 West I-20 East - Odessa TX
797658 Tel
(432) 563-1800
Fax (432) 563-1713

Xenco Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 421884

Company Name:	BILL TO Company:	PO#
Trident Environmental	Pride Energy Company / Matt Pride	
Project Manager:	**Address:** (Street, City, Zip)	
Gil Van Deventer / Trident Environmental	PO Box 710950, Tulsa, OK 74170-1950	
Address: (Street, City, Zip)	**Phone#:**	**Fax#:**
PO Box 12177, Odessa TX 79768	(918) 524-9200	(918) 524-9292
Phone #:	**Fax #:**	
(432) 638-8740	(413) 403-9968	
Project #:	**Project Name:**	
South Four Lakes #13 (AP-76)	Pride Energy Company	
Project Location:	**Sampler Signature:**	
T12S-R34E-Sec1 Unit Letter L ~ Lea County, NM		

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (BTEX only)	HNO_3	$NaHSO_4$	H_2SO_4	ICE	NONE	SAMPLING: DATE	TIME
001	MW-1	G	1	X								X		6/29/11	0945
002	MW-2	G	1	X								X		6/29/11	1045

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021 B	TPH 418.1/TX1005 / TX1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/825	Moisture Content	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	Total Dissolved Solids (160.1 or SM2540C)	Chloride / Cl (SM4500 B or 300.1)		Turn Around Time ~ 24 Hours
															X	X		
															X	X		

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Gil Van Deventer	7/1/11	5:05p			
Relinquished by:	Date:	Time:	Received By: (Laboratory Staff)	Date:	Time:
			Lisa Murdock	7-1-11	5:05

Phone Results		Yes	X	No	
Fax Results		Yes	X	No	Additional Fax Number:

REMARKS:

Email Results to:
gil@trident-environmental.com
mattp@pride-energy.com

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	0.4 Cool: Yes ☑ / No ☐ Intact: Yes ☑ / No ☐	(Initials) LM

XENCO Laboratories

XENCO Laboratories
Atlanta, Boca Raton, Corpus Christi, Dallas
Houston, Miami, Odessa, Philadelphia
Phoenix, San Antonio, Tampa

Document Title:	Sample Receipt Checklist
Document No.:	SYS-SRC
Revision/Date:	No. 01, 5/27/2010
Effective Date:	6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client: Pride Energy

Date/Time: 7-1-11 5:05

Lab ID # : 421884

Initials: AM

Sample Receipt Checklist

1. Samples on ice?	Blue	(Water)	No	
2. Shipping container in good condition?	(Yes)	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	(Yes)	No	N/A	
4. Chain of Custody present?	(Yes)	No		
5. Sample instructions complete on chain of custody?	(Yes)	No		
6. Any missing / extra samples?	Yes	(No)		
7. Chain of custody signed when relinquished / received?	(Yes)	No		
8. Chain of custody agrees with sample label(s)?	(Yes)	No		
9. Container labels legible and intact?	(Yes)	No		
10. Sample matrix / properties agree with chain of custody?	(Yes)	No		
11. Samples in proper container / bottle?	(Yes)	No		
12. Samples properly preserved?	(Yes)	No	N/A	
13. Sample container intact?	(Yes)	No		
14. Sufficient sample amount for indicated test(s)?	(Yes)	No		
15. All samples received within sufficient hold time?	(Yes)	No		
16. Subcontract of sample(s)?	Yes	(No)	N/A	
17. VOC sample have zero head space?	Yes	No	(N/A)	

18. Cooler 1 No.		Cooler 2 No.		Cooler 3 No.		Cooler 4 No.		Cooler 5 No.	
lbs	.4 °C	lbs	°C	lbs	°C	lbs	°C	lbs	°C

Nonconformance Documentation

Contact: _____ **Contacted by:** _____ **Date/Time:** _____

Regarding: _____

Corrective Action Taken: _____

Check all that apply:

- ☐ Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
- ☐ Initial and Backup Temperature confirm out of temperature conditions
- ☐ Client understands and would like to proceed with analysis

Analytical Report 428779

for

Trident Environmental

Project Manager: Gil Van Deventer

Pride Energy Company

South Four Lakes # 13 (AP-76)

10-OCT-11

Collected By: Client

Celebrating 20 Years of commitment to excellence in Environmental Testing Services

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
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)

XENCO Laboratories

10-OCT-11

Project Manager: **Gil Van Deventer**
Trident Environmental
P.O. Box 7624
Midland, TX 79708

Reference: XENCO Report No: **428779**
Pride Energy Company
Project Address: T12S-R34E-Sec 1 Unit Leter L ~ Lea County, NM

Gil Van Deventer:

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 428779. 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. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. 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. 428779 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,

Brent Barron II
Odessa Laboratory Manager

XENCO Laboratories

Sample Cross Reference 428779

Trident Environmental, Midland, TX

Pride Energy Company

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	09-28-11 15:40		428779-001
MW-2	W	09-28-11 16:10		428779-002

CASE NARRATIVE

Client Name: Trident Environmental
Project Name: Pride Energy Company

Project ID:	*South Four Lakes # 13 (A1*	*Report Date:*	*10-OCT-11*
Work Order Number:	*428779*	*Date Received:*	*09/30/2011*

Sample receipt non conformances and comments:
None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-871512 Anions by E300
The RPD between the sample and sample duplicate was above the QC limit for Chloride. This is most likely due to sample non-homogeniety.

Batch: LBA-871899 TDS by SM2540C
The RPD between the Sample and Sample Duplicate for this batch was above the QC limits. This is most likely due to sample non-homogeneity (excess particles.)

Certificate of Analy: Summary 428779

Trident Environmental, Midland, TX

Project Name: Pride Energy Company

Project Id: South Four Lakes # 13 (AP-76)
Contact: Gil Van Deventer
Project Location: T12S-R34E-Sec 1 Unit Leter L ~ Lea Cou

Date Received in Lab: Fri Sep-30-11 03:01 pm
Report Date: 10-OCT-11
Project Manager: Brent Barron II

Analysis Requested									
	Lab Id:	428779-001		428779-002					
	Field Id:	MW-1		MW-2					
	Depth:								
	Matrix:	WATER		WATER					
	Sampled:	Sep-28-11 15:40		Sep-28-11 16:10					
Anions by E300	***Extracted:***								
	Analyzed:	Oct-03-11 14:31		Oct-03-11 14:31					
	Units/RL:	mg/L	RL	mg/L	RL				
Chloride		1170	25.0	280	10.0				
TDS by SM2540C	***Extracted:***								
	Analyzed:	Oct-05-11 13:30		Oct-05-11 13:30					
	Units/RL:	mg/L	RL	mg/L	RL				
Total dissolved solids		2630	5.00	922	5.00				

Brent Barron II
Odessa Laboratory Manager

XENCO Laboratories

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 quantiation 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.

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

+ Outside XENCO's scope of NELAC Accreditation.

BS / BSD Recoveries

Project Name: Pride Energy Company

Work Order #: 428779 **Project ID:** South Four Lakes # 13 (AP-76)

Analyst: BRB **Date Prepared:** 10/03/2011 **Date Analyzed:** 10/03/2011

Lab Batch ID: 871512 **Sample:** 871512-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

Anions by E300	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
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	<0.500	10.0	10.6	106	10.0	10.6	106	0	80-120	20	

Analyst: BRB **Date Prepared:** 10/05/2011 **Date Analyzed:** 10/05/2011

Lab Batch ID: 871899 **Sample:** 871899-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

TDS by SM2540C	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
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	886	89	1000	854	85	4	80-120	30	

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

XENCO Laboratories

Form 3 - MS Recoveries

Project Name: Pride Energy Company

Work Order #: 428779

Lab Batch #: 871512

Project ID: South Four Lakes # 13 (AP-7

Date Analyzed: 10/03/2011

Date Prepared: 10/03/2011

Analyst: BRB

QC- Sample ID: 428778-001 S

Batch #: 1

Matrix: Water

Reporting Units: mg/L

	MATRIX / MATRIX SPIKE RECOVERY STUDY					
Inorganic Anions by EPA 300 **Analytes**	**Parent Sample Result [A]**	**Spike Added [B]**	**Spiked Sample Result [C]**	**%R [D]**	**Control Limits %R**	**Flag**
Chloride	5090	5000	10600	110	80-120	

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

XENCO laboratories

Sample Duplicate Recovery

Project Name: Pride Energy Company

Work Order #: 428779

Lab Batch #: 871512 **Project ID:** South Four Lakes # 13 (AP-76)

Date Analyzed: 10/03/2011 14:31 **Date Prepared:** 10/03/2011 **Analyst:** BRB

QC- Sample ID: 428605-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

Anions by E300 / Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	312	246	24	20	F

Lab Batch #: 871512

Date Analyzed: 10/03/2011 14:31 **Date Prepared:** 10/03/2011 **Analyst:** BRB

QC- Sample ID: 428778-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

Anions by E300 / Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	5090	5070	0	20	

Lab Batch #: 871899

Date Analyzed: 10/05/2011 13:30 **Date Prepared:** 10/05/2011 **Analyst:** BRB

QC- Sample ID: 428777-001 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	770	1240	47	30	F

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

12600 West I-20 East - Odessa TX
797658 Tel
(432) 563-1800
Fax (432) 563-1713

Xenco Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 428779

Company Name: Trident Environmental	BILL TO Company: Pride Energy Company / Matt Pride — PO#:
Project Manager: Gil Van Deventer / Trident Environmental	Address: (Street, City, Zip) PO Box 710950, Tulsa, OK 74170-1950
Address: (Street, City, Zip) PO Box 12177, Odessa TX 79768	Phone#: (918) 524-9200 — Fax#: (918) 524-9292
Phone #: (432) 638-8740	Fax #: (413) 403-9968
Project #: South Four Lakes #13 (AP-76)	Project Name: Pride Energy Company
Project Location: T12S-R34E-Sec1 Unit Letter L ~ Lea County, NM	Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (BTEX only)	HNO_3	$NaHSO_4$	H_2SO_4	ICE	NONE	SAMPLING: DATE	TIME
01	MW-1	G	1	X								X		9/28/11	1340
02	MW-2	G	1	X								X		9/28/11	1410

MTBE 8021B/602	BTEX 8021 B	TPH 418.1/TX1005 / TX1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	Moisture Content	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	Total Dissolved Solids (160.1 or SM2540C)	Chloride / Cl (SM4500 B or 300.1)		Turn Around Time ~ 24 Hours
															X	X		
															X	X		

Relinquished by: Gil Van Deventer	Date:	Time:	Received by:
Relinquished by:	Date: 9/29/11	Time: 3:01 PM	Received By: (Laboratory Staff) Andrea Elam
Delivered By: (Circle One) Sampler - UPS - Bus - Other:			Sample Condition: 7.0 — Cool: Yes / No — Intact: Yes / No
			CHECKED BY: (Initials)

Date: Time:

Date: 9-30-11 Time: 15:01

Phone Results		Yes	X	No	
Fax Results		Yes	X	No	Additional Fax Number:

REMARKS:

Email Results to:
gil@trident-environmental.com
mattp@pride-energy.com

500 in 1 pay

XENCO Laboratories

XENCO Laboratories
Atlanta, Boca Raton, Corpus Christi, Dallas
Houston, Miami, Odessa, Philadelphia
Phoenix, San Antonio, Tampa

Document Title: Sample Receipt Checklist
Document No.: SYS-SRC
Revision/Date: No. 01, 5/27/2010
Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client: Trident Env
Date/Time: 9.30.11 15:01
Lab ID # : 428779
Initials: AE

Sample Receipt Checklist

1. Samples on ice?	Blue	~~Water~~	No	
2. Shipping container in good condition?	~~Yes~~	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	N/A	
4. Chain of Custody present?	~~Yes~~	No		
5. Sample instructions complete on chain of custody?	~~Yes~~	No		
6. Any missing / extra samples?	Yes	~~No~~		
7. Chain of custody signed when relinquished / received?	~~Yes~~	No		
8. Chain of custody agrees with sample label(s)?	~~Yes~~	No		
9. Container labels legible and intact?	~~Yes~~	No		
10. Sample matrix / properties agree with chain of custody?	~~Yes~~	No		
11. Samples in proper container / bottle?	~~Yes~~	No		
12. Samples properly preserved?	~~Yes~~	No	N/A	
13. Sample container intact?	~~Yes~~	No		
14. Sufficient sample amount for indicated test(s)?	~~Yes~~	No		
15. All samples received within sufficient hold time?	~~Yes~~	No		
16. Subcontract of sample(s)?	Yes	No	~~N/A~~	
17. VOC sample have zero head space?	Yes	No	~~N/A~~	

18. Cooler 1 No.		Cooler 2 No.		Cooler 3 No.		Cooler 4 No.		Cooler 5 No.	
lbs	7.0 °C	lbs	°C	lbs	°C	lbs	°C	lbs	°C

Nonconformance Documentation

Contact:_____ Contacted by:_____ Date/Time:_____

Regarding: _____

Corrective Action Taken: _____

Check all that apply:
- ☐ Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
- ☐ Initial and Backup Temperature confirm out of temperature conditions
- ☒ Client understands and would like to proceed with analysis

Analytical Report 400566

for

Trident Environmental

Project Manager: Gil Van Deventer

Pride Energy Company

South Four Lakes # 13 (AP-76)

20-DEC-10

Celebrating 20 Years of commitment to excellence in Environmental Testing Services

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL01273):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901):
Arizona(AZ0757), California(06244CA), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

20-DEC-10

Project Manager: **Gil Van Deventer**
Trident Environmental
P.O. Box 7624
Midland, TX 79708

Reference: XENCO Report No: **400566**
Pride Energy Company
Project Address: T12S-R34E-Sec 1 Unit Letter L - Lea County, NM

Gil Van Deventer:

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 400566. 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. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. 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. 400566 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,

Brent Barron, II
Odessa Laboratory Manager

Sample Cross Reference 400566

Trident Environmental, Midland, TX

Pride Energy Company

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1	W	Dec-13-10 13:47		400566-001
MW-2	W	Dec-13-10 14:07		400566-002

CASE NARRATIVE

Client Name: Trident Environmental
Project Name: Pride Energy Company

Project ID:	*South Four Lakes # 13 (Al*	*Report Date:*	*20-DEC-10*
Work Order Number:	*400566*	*Date Received:*	*12/14/2010*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-835912 Anions by E300
E300MI

Batch 835912, Chloride recovered above QC limits in the Matrix Spike.
Samples affected are: 400566-001, -002.
The Laboratory Control Sample for Chloride is within laboratory Control Limits

Batch: LBA-835988 TDS by SM2540C

Certificate of Analy Summary 400566

Trident Environmental, Midland, TX

Project Name: Pride Energy Company

Project Id: South Four Lakes # 13 (AP-76)
Contact: Gil Van Deventer
Project Location: T12S-R34E-Sec 1 Unit Letter L - Lea Cou

Date Received in Lab: Tue Dec-14-10 12:30 pm
Report Date: 20-DEC-10
Project Manager: Brent Barron, II

Analysis Requested									
	Lab Id:	400566-001		400566-002					
	Field Id:	MW-1		MW-2					
	Depth:								
	Matrix:	WATER		WATER					
	Sampled:	Dec-13-10 13:47		Dec-13-10 14:07					
Anions by E300	***Extracted:***								
	Analyzed:	Dec-14-10 15:10		Dec-14-10 15:10					
	Units/RL:	mg/L	RL	mg/L	RL				
Chloride		813	25.0	173	5.00				
TDS by SM2540C	***Extracted:***								
	Analyzed:	Dec-14-10 16:00		Dec-14-10 16:00					
	Units/RL:	mg/L	RL	mg/L	RL				
Total dissolved solids		2170	5.00	876	5.00				

Brent Barron, II
Odessa Laboratory Manager

Final 1.000

XENCO Laboratories

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 effect the recovery of the spike concentration. This condition could also effect 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 MQL and above the SQL.

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.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit

PQL Practical Quantitation Limit

* Outside XENCO's scope of NELAC Accreditation.

BS / BSD Recoveries

Project Name: Pride Energy Company

Work Order #: 400566 **Project ID:** South Four Lakes # 13 (AP-76)

Analyst: LATCOR **Date Prepared:** 12/14/2010 **Date Analyzed:** 12/14/2010

Lab Batch ID: 835912 **Sample:** 835912-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

Anions by E300	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
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	ND	10.0	9.33	93	10	9.44	94	1	80-120	20	

Analyst: WRU **Date Prepared:** 12/14/2010 **Date Analyzed:** 12/14/2010

Lab Batch ID: 835988 **Sample:** 835988-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

TDS by SM2540C	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
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	<	1000	940	94	1000	954	95	1	80-120	30	

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: Pride Energy Company

Work Order #: 400566
Lab Batch #: 835912
Project ID: South Four Lakes # 13 (AP-76
Date Analyzed: 12/14/2010
Date Prepared: 12/14/2010
Analyst: LATCOR
QC- Sample ID: 400475-001 S
Batch #: 1
Matrix: Water
Reporting Units: mg/L

Inorganic Anions by EPA 300	MATRIX / MATRIX SPIKE RECOVERY STUDY					
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	129	100	262	133	80-120	X

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

XENCO Laboratories

Sample Duplicate Recovery

ACCREDITED IN ACCORDANCE WITH

Project Name: Pride Energy Company

Work Order #: 400566

Lab Batch #: 835912 **Project ID:** South Four Lakes # 13 (AP-76)

Date Analyzed: 12/14/2010 15:10 **Date Prepared:** 12/14/2010 **Analyst:** LATCOR

QC- Sample ID: 400475-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

Anions by E300	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	129	130	1	20	

Lab Batch #: 835988

Date Analyzed: 12/14/2010 16:00 **Date Prepared:** 12/14/2010 **Analyst:** WRU

QC- Sample ID: 400564-001 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	10600	11100	5	30	

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

12800 West I-20 East - Odessa TX
797658 Tel
(432) 563-1800
Fax (432) 563-1713

Xenco Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

Company Name: Trident Environmental	BILL TO Company: Pride Energy Company / Matt Pride — PO#
Project Manager: Gil Van Deventer / Trident Environmental	Address: (Street, City, Zip) PO Box 710950, Tulsa, OK 74170-1950
Address: (Street, City, Zip) PO Box 12177, Odessa TX 79768	Phone#: (918) 524-9200 Fax#: (918) 524-9292
Phone #: (432) 638-8740	Fax #: (413) 403-9968
Project #: South Four Lakes #13 (AP-76)	Project Name: Pride Energy Company
Project Location: T12S-R34E-Sec1 Unit Letter L ~ Lea County, NM	Sampler Signature:

LAB # (LAB USE ONLY 400506)	FIELD CODE	(G)rab or (C)omp	# CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL (BTEX only)	HNO_3	$NaHSO_4$	H_2SO_4	ICE	NONE	SAMPLING: DATE	TIME
-01	MW-1	G	1	X								X		12/13/10	1347
-02	MW-2	G	1	X								X		12/13/10	1407

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021 B	TPH 418.1/TX1005 / TX1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	Moisture Content	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	Total Dissolved Solids (160.1 or SM2540C)	Chloride / Cl (SM4500 B or 300.1)		Turn Around Time ~ 24 Hours
															X	X		
															X	X		

Relinquished by:	Date: 12/14/10	Time: 12:30	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received By: (Laboratory Staff) Andrea Elam	Date: 12.14.10	Time: 12:30

Phone Results		Yes	No
Fax Results		Yes	No Additional Fax Number:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Sample Condition: Cool: Yes [X] No [ ] Intact: Yes [X] No [ ]

CHECKED BY: (Initials) AE 2.6°C

REMARKS:

Email Results to:
gil@trident-environmental.com
mattp@pride-energy.com

500 ml poly

Prelogin / Nonconformance Report - Sample Log-In

Client: Trident Env.
Date/Time: 12 14 10 12 30
Lab ID #: 400566
Initials: AE

Sample Receipt Checklist

1. Samples on ice?	Blue	Water	No	
2. Shipping container in good condition?	Yes	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	N/A	
4. Chain of Custody present?	Yes	No		
5. Sample instructions complete on chain of custody?	Yes	No		
6. Any missing / extra samples?	Yes	No		
7. Chain of custody signed when relinquished / received?	Yes	No		
8. Chain of custody agrees with sample label(s)?	Yes	No		
9. Container labels legible and intact?	Yes	No		
10. Sample matrix / properties agree with chain of custody?	Yes	No		
11. Samples in proper container / bottle?	Yes	No		
12. Samples properly preserved?	Yes	No	N/A	
13. Sample container intact?	Yes	No		
14. Sufficient sample amount for indicated test(s)?	Yes	No		
15. All samples received within sufficient hold time?	Yes	No		
16. Subcontract of sample(s)?	Yes	No	N/A	
17. VOC sample have zero head space?	Yes	No	N/A	

18. Cooler 1 No.		Cooler 2 No.		Cooler 3 No.		Cooler 4 No.		Cooler 5 No.	
lbs	2.0 °C	lbs	°C	lbs	°C	lbs	°C	lbs	°C

Nonconformance Documentation

Contact:_____ Contacted by:_____ Date/Time:_____

Regarding: _____

_____

Corrective Action Taken: _____

_____

_____

_____

Check all that apply:
- ☐ Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
- ☐ Initial and Backup Temperature confirm out of temperature conditions
- ☐ Client understands and would like to proceed with analysis