AP - 076

AGWMR

01/21/2011

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2011 JAN 24 P 12: 37

January 21, 2011



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: 2010 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 2010 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)
	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
i	12/08/08	28.11	4115.61	710	1,720	<0.003
	03/18/09	28.28	4115.44	750	1,770	<0.003
MW-1	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	
ļ	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	
MW-2	Continued or	n 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)
	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
MW-2	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	

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 75 to 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

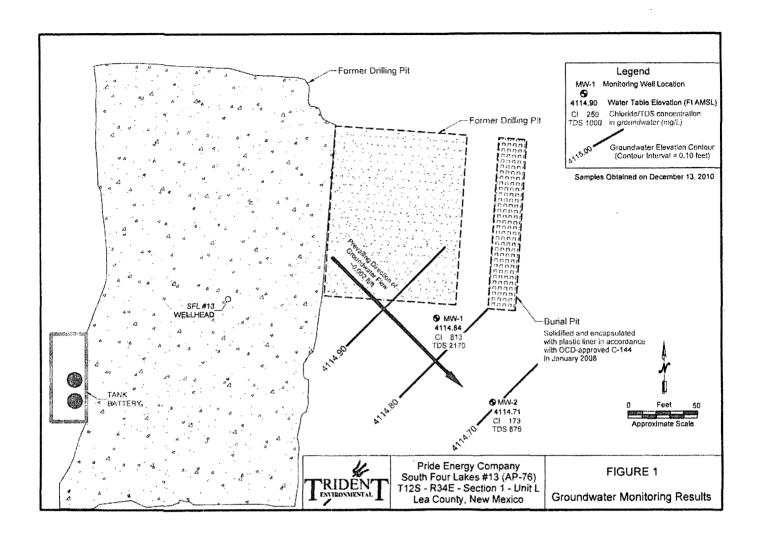
cc: Matt Pride (Pride Energy Co., Tulsa, OK)
Larry Hill (NMOCD -District 1, Hobbs, NM)

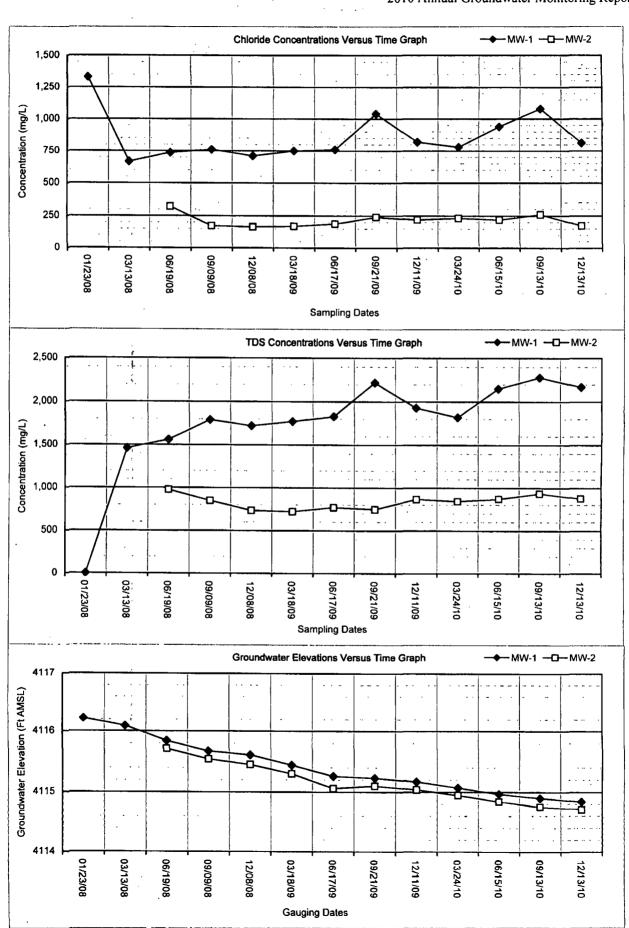
Attachments: Figures, well sampling data form, and laboratory analytical reports

FIGURE 1

GRAPHS

WELL SAMPLING DATA FORM





WELL SAMPLING DATA FORM

CLIENT: Pride Energy Company														
	SITE	NAME:	South For	ır Lakes	#13									TRIDENT
	ITE LOC	ATION:	T12S-R34	E-Sec1	Unit Le	etter L ~	Lea Co	ounty,	NM					ENVIRONMENTAL
	SAM	IPLER:	Rozanne	Johnson	1 (1st,-2	nd, & 3i	d Qtrs)	and (Gil Van D	Deventer	(4th Qt	<u> </u>		ENTHOMMENTAL
										*				•
	PURGING METHOD: Hand Bailed Pump, Type:													
	SAMPLING METHOD:											Other:		
	SPOSAL METHOD OF PURGE WATER: On-site Drum Drums Drums Disposal Facility											•		
						,								
Quarter	Water Well Calc No. of													PHYSICAL APPEARANCE AND REMARKS
ž	03/24/10	13:45	MW-1	28.65	43.26	14.61	0.16	2.3	8	3.4	18.5	3.26	7.45	Silt and sand, then cleared during purge
First	03/24/10	13:00	MW-2	28.30	42.10	13.80	0.16	2.2	8	3.6	18.5	1.32	7.34	Silt and sand, then cleared during purge
						· · · · · · · · · · · · · · · · · · ·							•	
Second	06/15/10	8:25	MW-1	28.75	43.26	14.51	0.16	2.3	8	3.4	18.7	3.67	7.31	Silt and sand, then cleared during purge
Şec	06/15/10	7:35	MW-2	28.41	42.10	13.69	0.16	2.2	8	3.7	18.6	1.29	7.34	Silt and sand, then cleared during purge
			-										,	
Third	09/13/10	13:10	MW-1	28.82	43.26	14.44	0.16	2.3	8	3.5	22.3	3.95	6.78	Silt and sand, then cleared during purge
₽	09/13/10	12:15	MW-2	28.50	42.10	13.60	0.16	2.2	8	3.7	21.4	1.38	7.35	Silt and sand, then cleared during purge
						,		,						
Fourth	12/13/10	13:47	MW-1	28.88	43.26	14.38	0.16	2.3	25	10.9	16.8	3.24	7.75	Silt and sand, then cleared during purge
Ē	12/13/10	16:00	MW-2	28.54	42.10	13.56	0.16	2.2	22	10.1	17.2	0.64	7.85	Silt and sand, then cleared during purge
	COMMENTS: Equipment decontamination consists of gloves, Alconox, and Distilled Water Rinse.													
Myro	ron Model 6P (1st, 2nd, & 3rd Qtrs) and Hanna Model 98130 instrument (4th Qtr) use										, conduc	tivity, and	tempe	rature measurements.

Delivered samples to Cardinal Laboratories in Hobbs NM (1st, 2nd, & 3rd Qtrs) and Xenco Laboratories in Odessa TX (4th Qtr) for chloride and TDS analysis.

LABORATORY ANALYTICAL REPORTS

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

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

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Sample Cross Reference 400566



Trident Environmental, Midland, TX

Pride Energy Company

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-I	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

Work Order Number: 400566

Report Date: 20-DEC-10

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



Trident Environmentai, Midland, TX

Project Name: Pride Energy Company

Contact: Gil Van Deventer

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

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

roject Location: T12S-R34E-Sec I Unit Li	effer L Lea Cou					report 2 ato.		
	200 200					Project Manager:	Brent Barron, II	
	Lab Id:	400566-0	001	400566-002	1			
An aboria Dancontad	Field Id:	MW-1	I	MW-2				
Analysis Requested	Depth:				į	1	ł	1
	Matrix:	WATE	R	WATER			}	
	Sampled:	Dec-13-10	13:47	Dec-13-10 14:07			1	
Anions by E300	Extracted:							
	Analyzed:	Dec-14-10	15:10	Dec-14-10 15:10		İ		
	Units/RL:	mg/L	RL	mg/L R	L .		;	
Chloride		813	25.0	173 5.0	0			
TDS by SM2540C	Extracted:							
	Analyzed:	Dec-14-10	16:00	Dec-14-10 16:00				
	Units/RL:	mg/L	RL	mg/L R	L			İ
Total dissalved polids		2170	5.00	976 50	n T	1	1	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Brent Barron, II Odessa Laboratory Manager

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Final 1.000



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.

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9701 Harry Hines Blvd, Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
842 Cantwell Lane, Corrus Christi, TX 78408	(361) 884-0371	(361) 884-9116



BS / BSL .ccoveries



Project Name: Pride Energy Company

Work Order #: 400566

Analyst: LATCOR

Date Prepared: 12/14/2010

Project ID: South Four Lakes # 13 (AP-76)
Date Analyzed: 12/14/2010

Lab Batch ID: 835912

Sample: 835912-1-BKS

Batch #: 1 .

Matrix: Water

Units: mg/L		BLAN	K/BLANK S	PIKE / E	BLANK S	SPIKE DUPL	ICATE 1	RECOVE	ERY STUD	Y	
Anions by E300	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk, Spk Dup,	·RPD··	Control Limits %R	Control Limits	Flag
Analytes		(B)	(C)	[D]	[E]	Result [F]	[G]				
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	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
TDS by SM2540C	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag	
Analytes		[B]	[C]	[D]	[E]	Result [F]	[G]					
Total dissolved solids	<	1000	940	94	1000	954	95	1	80-120	30		

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

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Final 1.000



Form 3 - MS Recoveries

Project Name: Pride Energy Company



'k Order #: 400566

ab Batch #: 835912

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

Date Prepared: 12/14/2010

Analyst: LATCOR

Date Analyzed: 12/14/2010 QC-Sample ID: 400475-001 S

Matrix: Water

Batch #: Reporting Units: mg/L

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	129	100	262	133	80-120	х					

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

Relow Reporting Limit



Sample Duplicate Recovery



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

Anions by E300

Analyte

TDS by SM2540C

Analyte

Date Prepared: 12/14/2010

Analyst: LATCOR

QC- Sample ID: 400475-001 D

Batch #:

Matrix: Water

Reporting Units: mg/L

Chloride

SAMPLE /	SAMPLE	DUPLIC	ATE REC	OVERY
Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
 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

Total dissolved solids

	SAMPLE/SAMPLE DUPLICATE RECOVERY													
!	Parent Sample Result A	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag									
	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

12600 West I-20 Ea	ast - Odessa TX Tel	v		enco Laboratories										CHAIN-OF-CUSTODY AND ANALYSIS REQUEST																				
(432) 563 Fax (432) 5								DU	1(a	lt.				:S			_		LAB	Ord	er iC	٦#.	_	_		_			_	_			
Company Name:			BILL T						_	_	_		PO#	,			T	_			_ A A	IAI	ve	10	DE	<u> </u>	ES	-			_			
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Project Manager:			1		Addr	055:	_		_		(Sire	aet, (City,	, Zip)	,		1				(Circ	ie o	r Sp	ecity	/ Me	athor	a No	١.)		_			_	
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(432) 638-	8740) 403-														1		8		S F	اء	1								SM2540C)		- 1	
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South Four	ır Lakes #13 (AP-76)		Pride	ride Energy Company /											1		31		ام	-						H	ı 1	'	۲.	5	- 1			
Project Location:				Sampler Signature											1		8	- 1	ج اج		$ \cdot $		1		32	1 1	(-1)	<u>ह</u>	-11	위	- 1	g		
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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	F ENV.			,				
Date/Time: 17	14.10 17	.3°C)					
Lab ID#:	400566							•
Initials:	AE							
		Ş	ample Receipt	Checki	list			
1. Samples on ice?					Blue	Water	No	
2. Shipping container i	in good condition?				(Yes	No	None	
3. Custody seals intac	t on shipping conta	iner (co	oler) and bottles?		Yes	No ·	N/A	
4. Chain of Custody pr	resent?				(Yes	No		
5. Sample instructions	complete on chain	of cust	tody?		(Yes)	No		
6. Any missing / extra	samples?				Yes	¿ No		-
7. Chain of custody sig	gned when relinquis	shed / n	eceived?		Yes	No		
8. Chain of custody ag	rees with sample la	bel(s)?			Yes	No		
9. Container labels leg	ible and intact?				Yes	No		
10. Sample matrix / pro	operties agree with	chain o	f custody?		(Yes	No ·		
11. Samples in proper	container / bottle?				Yes)	No		
12. Samples property	preserved?				Yes	No	N/A	
13. Sample container i	intact?				Yes	No		
14. Sufficient sample a	amount for indicated	d test(s)?		(Yes`	No		
15. Ali samples receiv	ed within sufficient	hold tir	ne?		(Yes	No		
16. Subcontract of sar	nple(s)?				Yes	No	(NA)	
17. VOC sample have	zero head space?				Yes	No	NA)	,
18. Cooler 1 No.	Cooler 2 No.		Cooler 3 No.		Cooler 4 No	•	Cooler 5 No.	
[lbs 7.6	°C lbs	°C	ibs	°C	lbs	۰	lbs	ಌ
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•			able by NELAC 5.5. perature confirm o			nditions		
			would like to proc					



September 21, 2010

GIL VAN DEVENTER

TRIDENT ENVIRONMENTAL

P. O. BOX 7624

MIDLAND, TX 79708

RE: SOUTH FOUR LAKES #13

Enclosed are the results of analyses for samples received by the laboratory on 09/17/10 10:36.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TRIDENT ENVIRONMENTAL GIL VAN DEVENTER P. O. BOX 7624 MIDLAND TX, 79708

Fax To:

(413) 403-9968

Received: Reported: 09/17/2010

09/21/2010

Project Name:

SOUTH FOUR LAKES #13

Project Number: Project Location: NONE GIVEN

T12S-R34E-SEC1 U LTR L ~ LEA CTY - N

Sampling Date:

09/13/2010

Sampling Type:

Water

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: MW - 1 (H020876-01)

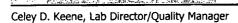
Chloride, SM4500CI-B	mg	/L	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1080	4.00	09/20/2010	ND	112	112	100	3.64	
TDS 160.1	mg	/L	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifler
TDS	2280	5.00	09/20/2010	ND				0.978	

male ID: MW - 2 (H020876-02)

Chloride, SM4500Cl-B	mg,	/L	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	260	4.00	09/20/2010	ND	112	112	100	3.64	
TDS 160.1	mg	/L	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS	935	5.00	09/17/2010	ND				0.978	

Cardinal Laboratories

*=Accredited Analyte





Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's Rabbility and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed warked unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcidaries, affiliates or auccessions arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such with is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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Page 4 of 4



June 24, 2010

Gil Van Deventer Trident Environmental P.O. Box 7624 Midland, TX 79708-7624

Re: South Four Lakes #13

Enclosed are the results of analyses for sample number H20152, received by the laboratory on 06/18/10 at 10:02 am.

Cardinal Laboratories is accredited through Texas NELAP for

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices:

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.2 Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely

Celey (b) Keene :
Laboratory Director



ANALYTICAL RESULTS FOR TRIDENT ENVIRONMENTAL ATTN: GIL VAN DEVENTER P.O. BOX 7624

MIDLAND, TX 79708-7624 FAX TO: (413) 403-9968

Receiving Date: 08/18/10 Reporting Date: 08/22/10

Project Number: SOUTH FOUR LAKES #13.
Project Name: PRIDE ENERGY COMPANY

Project Location: T12S-R34E-SEC1 UNIT LETTER L

LEA COUNTY - NEW MEXICO

Sampling Date: 06/15/10 Sample:Type: WATER

Sample Condition: COOL & INTACT @ 1.5°C

Sample Received By: HM

Analyzed By: HM

LAB NO SAMPLE ID (mg/L) (mg/L)

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Analysis Date:	06/22/10	06/21/10
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H20152-2	220	870 -
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True Value QC:	500	√ NR
% Recovery	100	NR
Relative Percent Difference	< 0.1	2.9

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H20152 Trident

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April 1, 2010

Gil Van Deventer
Trident Environmental
P.O. Box 7624
Midland, TX 79708-7624

Re: South Four Lakes #13

Enclosed are the results of analyses for sample number H19556, received by the laboratory on 03/29/10 at 10:20 am

Cardinal Laboratories is accredited through Texas NELAP for

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes.

Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes.

Method TX 1005 Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)

Method EPA 524.2 Total Trihalomethanes (TTHM)

Method EPA 524.2 Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Singerely

Celey D. Keene Laboratory Director

-ISADIS (HOTESALILAS



ANALYTICAL RESULTS FOR TRIDENT ENVIRONMENTAL ATTN: GIL VAN DEVENTER P.O. BOX 7624 MIDLAND, TX 79708-7624

FAX TO: (413) 403-9988

Receiving Date: 03/29/10 Reporting Date: 03/30/10

Project Number: SOUTH FOUR LAKES #13

Project Name: PRIDE ENERGY COMPANY Project Location: T12S-R34E-SEC1 UNIT LETTER

· LEA COUNTY - NEW MEXICO

Sampling Date: 03/24/10/ Sample Type: WATER

Sample Condition COOL & INTACT @ -1.0°C

Sample Received By: JH Analyzed By: HM/SJ

TDS

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METHOD: Standard Methods; EPA
Not accredited for Chloride and TDS 4500-CIB

H19556 Trident

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