

**AP - 078**

**REPORTS**

**01/30/2008**

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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-141  
Revised October 10, 2003

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

RECEIVED

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

2009 FEB 11 PM 12:32

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

|  |                              |
|--|------------------------------|
| Name of Company – Pride Energy           | Contact – Matt Pride         |
| Address – P O Box 701950 Tulsa, OK 74170 | Telephone No. – 918-524-9200 |
| Facility Name – South Four Lakes #15     | Facility Type – Drilling Pit |

|                       |                       |                    |
|-----------------------|-----------------------|--------------------|
| Surface Owner - State | Mineral Owner - State | API # 30-025-37248 |
|-----------------------|-----------------------|--------------------|

**LOCATION OF RELEASE**

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| J           | 2       | 12S      | 34E   |               |                  |               |                | Lea    |

Latitude 33-18-20.1N Longitude 103-28-45.2W

**NATURE OF RELEASE**

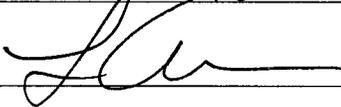
|  |  |  |
|--|--|--|
| Type of Release – Drilling Pit Fluids  | Volume of Release ?  | Volume Recovered – None                    |
| Source of Release – Drilling Pit   | Date and Hour of Occurrence ?  | Date and Hour of Discovery-1-28-08<br>11AM |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Hobbs NMOCD Chris Williams 1-28-08<br>Sante Fe NMOCD Glenn von Gonten 1-28-08 |  |
| By Whom? Logan Anderson – Elke Environmental   | Date and Hour 1-28-08 with an email.   |  |
| Was a Watercourse Reached?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  | If YES, Volume Impacting the Watercourse.<br>?   |  |

If a Watercourse was Impacted, Describe Fully. Drilling mud solidified onsite as per C-144 approved through Hobbs NMOCD. After mud was removed a vertical delineation was performed with a trackhoe then an air rotary drill. The soil samples did not meet NMOCD standards and a monitor well was set on the SE corner of the drilling pit. A water sample was analyzed and did not meet water quality standards.

Describe Cause of Problem and Remedial Action Taken. Monitor well was set and analyzed for TPH and Chloride and did not meet water quality standards.

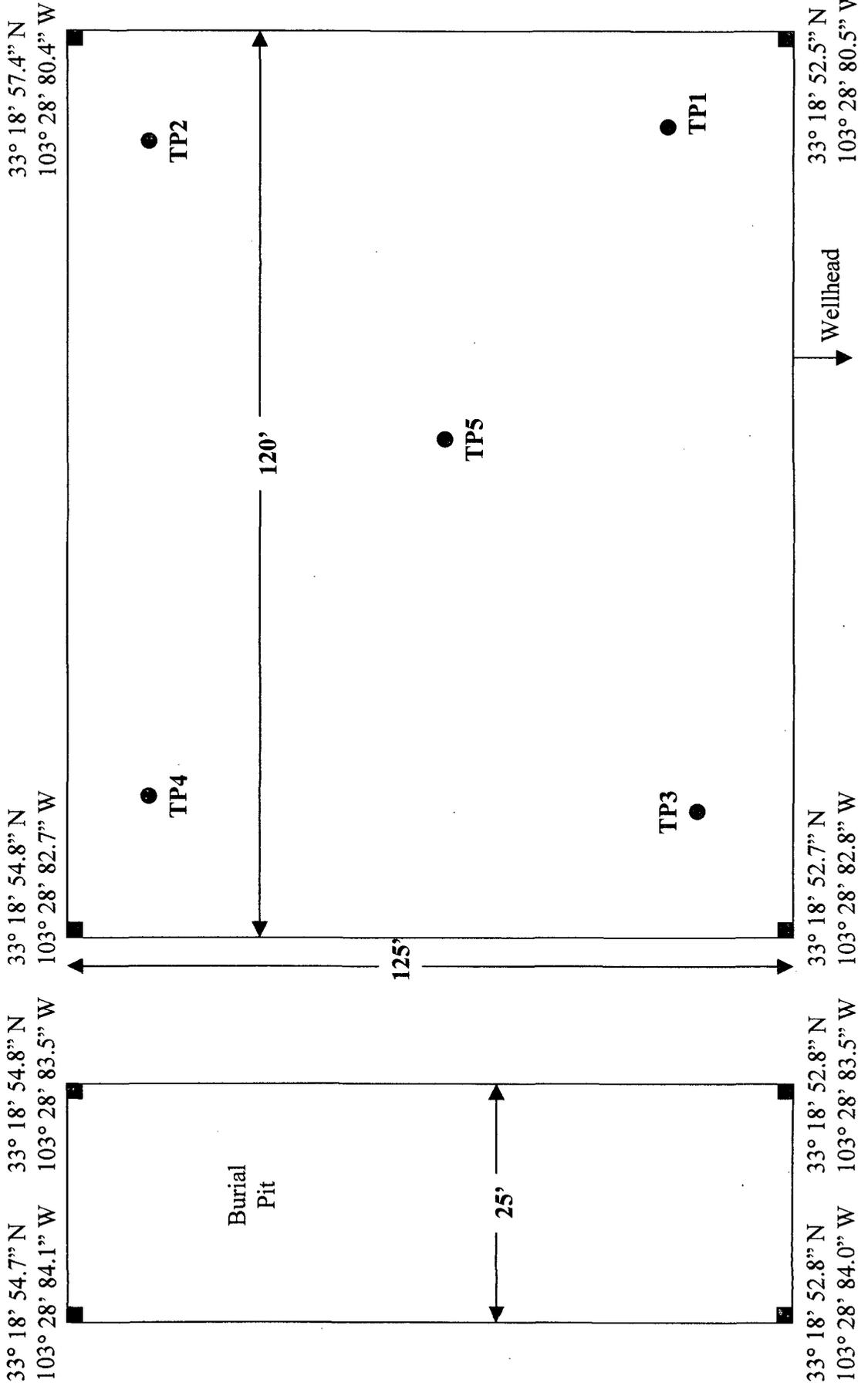
Describe Area Affected and Cleanup Action Taken. A plat map, field analytical and lab analysis are included with this C-141.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

|  |                                   |                  |
|--|-----------------------------------|------------------|
| Signature:  | <b>OIL CONSERVATION DIVISION</b>  |                  |
| Printed Name: Logan Anderson   | Approved by District Supervisor:  |                  |
| Title: Project Manager – Elke Environmental  | Approval Date:                    | Expiration Date: |
| E-mail Address: la_elkeenv@yahoo.com   | Conditions of Approval:           |                  |
| Date: 1-30-08 Phone: 432-366-0043  | Attached <input type="checkbox"/> |                  |

\* Attach Additional Sheets If Necessary

**Pride Energy**  
 South Four Lakes #~~16~~ 15  
 UL 'J' Sec. 2 T12 R34E  
 Lea County, NM



# Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

## Field Analytical Report Form

Client Pride Energy Analyst Jason Jessup

Site South Four Lakes #~~26~~ 15

| Sample ID | Date    | Depth | TPH / PPM | Cl / PPM | PID / PPM | GPS                                 |
|-----------|---------|-------|-----------|----------|-----------|-------------------------------------|
| TP1       | 1-8-08  | 8'    |           | 1,966    |           | 33° 18' 53.0" N<br>103° 28' 80.7" W |
| TP1       | 1-9-08  | 10'   |           | 1,793    |           | 33° 18' 53.0" N<br>103° 28' 80.7" W |
| TP1       | 1-9-08  | 12'   |           | 1,942    |           | 33° 18' 53.0" N<br>103° 28' 80.7" W |
| TP1       | 1-9-08  | 14'   |           | 1,504    |           | 33° 18' 53.0" N<br>103° 28' 80.7" W |
| TP1       | 1-9-08  | 16'   |           | 1,723    |           | 33° 18' 53.0" N<br>103° 28' 80.7" W |
| TP1       | 1-9-08  | 18'   |           | 1,441    |           | 33° 18' 53.0" N<br>103° 28' 80.7" W |
| TP1       | 1-21-08 | 20'   |           | 434      |           | 33° 18' 53.0" N<br>103° 28' 80.7" W |
| TP1       | 1-21-08 | 25'   |           | 923      |           | 33° 18' 53.0" N<br>103° 28' 80.7" W |
| TP1       | 1-21-08 | 30'   |           | 836      | 15.3      | 33° 18' 53.0" N<br>103° 28' 80.7" W |
| TP2       | 1-8-08  | 8'    |           | 4,806    |           | 33° 18' 54.4" N<br>103° 28' 80.7" W |
| TP2       | 1-9-08  | 10'   |           | 3,678    |           | 33° 18' 54.4" N<br>103° 28' 80.7" W |
| TP2       | 1-9-08  | 12'   |           | 4,636    |           | 33° 18' 54.4" N<br>103° 28' 80.7" W |
| TP2       | 1-9-08  | 14'   |           | 2,959    |           | 33° 18' 54.4" N<br>103° 28' 80.7" W |
| TP2       | 1-9-08  | 16'   |           | 1,787    |           | 33° 18' 54.4" N<br>103° 28' 80.7" W |
| TP2       | 1-9-08  | 18'   |           | 3,340    |           | 33° 18' 54.4" N<br>103° 28' 80.7" W |
| TP2       | 1-9-08  | 20'   |           | 2,565    |           | 33° 18' 54.4" N<br>103° 28' 80.7" W |
| TP2       | 1-21-08 | 22'   |           | 525      |           | 33° 18' 54.4" N<br>103° 28' 80.7" W |
| TP2       | 1-21-08 | 25'   |           | 488      |           | 33° 18' 54.4" N<br>103° 28' 80.7" W |

# Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

## Field Analytical Report Form

Client Pride Energy

Analyst Jason Jessup

Site South Four Lakes #~~16~~ 15

| Sample ID | Date    | Depth | TPH / PPM | CI / PPM | PID / PPM | GPS                                 |
|-----------|---------|-------|-----------|----------|-----------|-------------------------------------|
| TP2       | 1-21-08 | 30'   |           | 514      | 9.7       | 33° 18' 54.4" N<br>103° 28' 80.7" W |
| TP3       | 1-8-08  | 8'    |           | 1,596    |           | 33° 18' 53.2" N<br>103° 28' 82.5" W |
| TP3       | 1-8-08  | 10'   |           | 2,427    |           | 33° 18' 53.2" N<br>103° 28' 82.5" W |
| TP3       | 1-8-08  | 12'   |           | 3,154    |           | 33° 18' 53.2" N<br>103° 28' 82.5" W |
| TP3       | 1-8-08  | 14'   |           | 4,263    |           | 33° 18' 53.2" N<br>103° 28' 82.5" W |
| TP3       | 1-9-08  | 16'   |           | 5,927    |           | 33° 18' 53.2" N<br>103° 28' 82.5" W |
| TP3       | 1-9-08  | 18'   |           | 2,775    |           | 33° 18' 53.2" N<br>103° 28' 82.5" W |
| TP3       | 1-21-08 | 20'   |           | 455      |           | 33° 18' 53.2" N<br>103° 28' 82.5" W |
| TP3       | 1-21-08 | 25'   |           | 539      |           | 33° 18' 53.2" N<br>103° 28' 82.5" W |
| TP3       | 1-21-08 | 30'   |           | 538      | 7.1       | 33° 18' 53.2" N<br>103° 28' 82.5" W |
| TP4       | 1-8-08  | 6'    |           | 4,758    |           | 33° 18' 54.5" N<br>103° 28' 82.4" W |
| TP4       | 1-8-08  | 8'    |           | 1,103    |           | 33° 18' 54.5" N<br>103° 28' 82.4" W |
| TP4       | 1-8-08  | 10'   |           | 1,871    |           | 33° 18' 54.5" N<br>103° 28' 82.4" W |
| TP4       | 1-9-08  | 12'   |           | 2,279    |           | 33° 18' 54.5" N<br>103° 28' 82.4" W |
| TP4       | 1-9-08  | 14'   |           | 2,302    |           | 33° 18' 54.5" N<br>103° 28' 82.4" W |
| TP4       | 1-9-08  | 16'   |           | 1,745    |           | 33° 18' 54.5" N<br>103° 28' 82.4" W |
| TP4       | 1-9-08  | 18'   |           | 2,316    |           | 33° 18' 54.5" N<br>103° 28' 82.4" W |
| TP4       | 1-21-08 | 20'   |           | 786      |           | 33° 18' 54.5" N<br>103° 28' 82.4" W |





# **Analytical Report 296420**

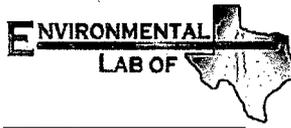
**for**

**Elke Environmental, Inc.**

**Project Manager: Logan Anderson**

**Pride Energy**

**29-JAN-08**



**12600 West I-20 East Odessa, Texas 79765**

Texas certification numbers:  
Houston, TX T104704215

Florida certification numbers:  
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675  
Norcross(Atlanta), GA E87429

South Carolina certification numbers:  
Norcross(Atlanta), GA 98015

North Carolina certification numbers:  
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America  
Midland - Corpus Christi - Atlanta



29-JAN-08

Project Manager: **Logan Anderson**  
**Elke Environmental, Inc.**  
4817 Andrews Hwy  
P.O. Box 14167 Odessa, tx 79768  
Odessa, TX 79762

Reference: XENCO Report No: **296420**  
**Pride Energy**  
Project Address: South Four Lakes # ~~26~~ **15**

**Logan Anderson:**

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 296420. 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. 296420 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

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*Certified and approved by numerous States and Agencies.*

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**Sample Cross Reference 296420**



**Elke Environmental, Inc., Odessa, TX**

Pride Energy

| <b>Sample Id</b> | <b>Matrix</b> | <b>Date Collected</b> | <b>Sample Depth</b> | <b>Lab Sample Id</b> |
|------------------|---------------|-----------------------|---------------------|----------------------|
| TP 1 @ 30'       | S             | Jan-21-08 10:20       | 30 ft               | 296420-001           |
| TP 2 @ 30'       | S             | Jan-21-08 10:50       | 30 ft               | 296420-002           |
| TP 3 @ 30'       | S             | Jan-21-08 11:30       | 30 ft               | 296420-003           |
| TP 4 @ 30'       | S             | Jan-21-08 14:10       | 30 ft               | 296420-004           |
| TP 5 @ 30'       | S             | Jan-21-08 14:30       | 30 ft               | 296420-005           |



# Certificate of Analysis Summary 296420

Elke Environmental, Inc., Odessa, TX

**Project Id:** Logan Anderson  
**Contact:** South Four Laks # ~~15~~  
**Date Received in Lab:** Thu Jan-24-08 09:47 am  
**Report Date:** 29-JAN-08  
**Project Manager:** Brent Barron, II

| Analysis Requested                 | Lab Id:           | Field Id:        | Depth:           | Matrix:         | Sampled:        | 296420-001 | 296420-002 | 296420-003 | 296420-004 | 296420-005 |
|------------------------------------|-------------------|------------------|------------------|-----------------|-----------------|------------|------------|------------|------------|------------|
|                                    | TP 1 @ 30'        | 30 ft            | SOIL             | Jan-21-08 10:20 | Jan-24-08 11:15 | 11.5       | 13.8       | 14.1       | 13.4       | 12.8       |
| <b>Percent Moisture</b>            | <b>Extracted:</b> | <b>Analyzed:</b> | <b>Units/RL:</b> |                 |                 |            |            |            |            |            |
|                                    | Jan-25-08 09:55   | Jan-26-08 05:08  | mg/kg            | ND 16.9         | ND 16.9         | ND 16.9    | ND 17.4    | ND 17.5    | ND 17.3    | ND 17.2    |
| <b>TPH by SW8015 Mod</b>           | <b>Extracted:</b> | <b>Analyzed:</b> | <b>Units/RL:</b> |                 |                 |            |            |            |            |            |
|                                    | Jan-25-08 09:55   | Jan-26-08 05:33  | mg/kg            | ND 17.4         | ND 17.4         | ND 17.5    | ND 17.4    | ND 17.5    | ND 17.3    | ND 17.2    |
| C6-C12 Gasoline Range Hydrocarbons |                   |                  |                  | ND              | ND              | ND         | ND         | ND         | ND         | ND         |
| C12-C28 Diesel Range Hydrocarbons  |                   |                  |                  | ND              | ND              | ND         | ND         | ND         | ND         | ND         |
| C28-C35 Oil Range Hydrocarbons     |                   |                  |                  | ND              | ND              | ND         | ND         | ND         | ND         | ND         |
| <b>Total TPH</b>                   |                   |                  |                  | ND              | ND              | ND         | ND         | ND         | ND         | ND         |
| <b>Total Chloride by EPA 325.3</b> | <b>Extracted:</b> | <b>Analyzed:</b> | <b>Units/RL:</b> |                 |                 |            |            |            |            |            |
|                                    | Jan-24-08 16:42   | Jan-24-08 16:42  | mg/kg            | 808             | 5.00            | 808        | 5.00       | 425        | 5.00       | 553        |
| Chloride                           |                   |                  |                  | 808             | 5.00            | 808        | 5.00       | 425        | 5.00       | 553        |

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.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi

Brent Barron  
 Odessa Laboratory Director



## 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(PQL) and above the SQL(MDL).
  - 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.
- \* Outside XENCO'S scope of NELAC Accreditation

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5332 Blackberry Drive, Suite 104, San Antonio, TX 78238  
2505 N. Falkenburg Rd., Tampa, FL 33619  
5757 NW 158th St, Miami Lakes, FL 33014  
6017 Financial Dr., Norcross, GA 30071

| Phone          | Fax            |
|----------------|----------------|
| (281) 589-0692 | (281) 589-0695 |
| (214) 902 0300 | (214) 351-9139 |
| (210) 509-3334 | (201) 509-3335 |
| (813) 620-2000 | (813) 620-2033 |
| (305) 823-8500 | (305) 823-8555 |
| (770) 449-8800 | (770) 449-5477 |



# Form 2 - Surrogate Recoveries



Project Name: Pride Energy

Work Order #: 296420

Project ID:

Lab Batch #: 713224

Sample: 296418-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane                | 98.7             | 100             | 99              | 70-135            |       |
| o-Terphenyl                   | 44.5             | 50.0            | 89              | 70-135            |       |

Lab Batch #: 713224

Sample: 296418-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane                | 103              | 100             | 103             | 70-135            |       |
| o-Terphenyl                   | 46.3             | 50.0            | 93              | 70-135            |       |

Lab Batch #: 713224

Sample: 296420-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane                | 85.3             | 100             | 85              | 70-135            |       |
| o-Terphenyl                   | 43.3             | 50.0            | 87              | 70-135            |       |

Lab Batch #: 713224

Sample: 296420-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane                | 82.1             | 100             | 82              | 70-135            |       |
| o-Terphenyl                   | 41.8             | 50.0            | 84              | 70-135            |       |

Lab Batch #: 713224

Sample: 296420-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane                | 86.1             | 100             | 86              | 70-135            |       |
| o-Terphenyl                   | 44.0             | 50.0            | 88              | 70-135            |       |

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

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



# Form 2 - Surrogate Recoveries



Project Name: Pride Energy

Work Order #: 296420

Project ID:

Lab Batch #: 713224

Sample: 296420-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane                | 79.5             | 100             | 80              | 70-135            |       |
| o-Terphenyl                   | 41.2             | 50.0            | 82              | 70-135            |       |

Lab Batch #: 713224

Sample: 296420-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane                | 89.5             | 100             | 90              | 70-135            |       |
| o-Terphenyl                   | 45.7             | 50.0            | 91              | 70-135            |       |

Lab Batch #: 713224

Sample: 503878-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

### SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane                | 103              | 100             | 103             | 70-135            |       |
| o-Terphenyl                   | 46.1             | 50.0            | 92              | 70-135            |       |

Lab Batch #: 713224

Sample: 503878-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

### SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane                | 96.0             | 100             | 96              | 70-135            |       |
| o-Terphenyl                   | 49.5             | 50.0            | 99              | 70-135            |       |

Lab Batch #: 713224

Sample: 503878-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

### SURROGATE RECOVERY STUDY

| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| 1-Chlorooctane                | 104              | 100             | 104             | 70-135            |       |
| o-Terphenyl                   | 47.0             | 50.0            | 94              | 70-135            |       |

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

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



# Blank Spike Recovery



**Project Name: Pride Energy**

**Work Order #: 296420**

**Project ID:**

**Lab Batch #: 712901**

**Sample: 712901-1-BKS**

**Matrix: Solid**

**Date Analyzed: 01/24/2008**

**Date Prepared: 01/24/2008**

**Analyst: LATCOR**

**Reporting Units: mg/kg**

**Batch #: 1**

**BLANK/BLANK SPIKE RECOVERY STUDY**

| <b>Total Chloride by EPA 325.3</b> | <b>Blank Result [A]</b> | <b>Spike Added [B]</b> | <b>Blank Spike Result [C]</b> | <b>Blank Spike %R [D]</b> | <b>Control Limits %R</b> | <b>Flags</b> |
|------------------------------------|-------------------------|------------------------|-------------------------------|---------------------------|--------------------------|--------------|
| <b>Analytes</b>                    |                         |                        |                               |                           |                          |              |
| Chloride                           | ND                      | 100                    | 91.5                          | 92                        | 75-125                   |              |

Blank Spike Recovery [D] = 100\*[C]/[B]

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



# BS / BSD Recoveries



Project Name: **Pride Energy**

Work Order #: 296420

Analyst: SHE

Lab Batch ID: 713224

Sample: 503878-1-BKS

Date Prepared: 01/25/2008

Batch #: 1

Project ID: 01/26/2008

Date Analyzed: 01/26/2008

Matrix: Solid

Units: mg/kg

## 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 |
|------------------------------------|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| C6-C12 Gasoline Range Hydrocarbons | ND                      | 1000            | 868                    | 87                 | 1000            | 889                              | 89                   | 2     | 70-135            | 35                  |      |
| C12-C28 Diesel Range Hydrocarbons  | ND                      | 1000            | 888                    | 89                 | 1000            | 902                              | 90                   | 2     | 70-135            | 35                  |      |

Relative Percent Difference RPD =  $200 * (D-F) / (D+F)$   
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 / MSD Recoveries



Project Name: Pride Energy

Work Order #: 296420

Lab Batch ID: 713224  
Date Analyzed: 01/26/2008

Reporting Units: mg/kg

Project ID:

QC-Sample ID: 296418-001 S Batch #: 1 Matrix: Soil  
Date Prepared: 01/25/2008 Analyst: SHE

### MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| TPH by SW8015 Mod<br>Analytes     | Parent Sample Result [A]           | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|-----------------------------------|------------------------------------|-----------------|--------------------------|----------------------|-----------------|------------------------------------|--------------------|-------|-------------------|---------------------|------|
|                                   | C6-C12 Gasoline Range Hydrocarbons | ND              | 1080                     | 905                  | 84              | 1080                               | 928                | 86    | 2                 | 70-135              | 35   |
| C12-C28 Diesel Range Hydrocarbons | ND                                 | 1080            | 919                      | 85                   | 1080            | 957                                | 89                 | 5     | 70-135            | 35                  |      |

Lab Batch ID: 712901  
Date Analyzed: 01/24/2008

Reporting Units: mg/kg

QC-Sample ID: 296441-002 S Batch #: 1 Matrix: Soil  
Date Prepared: 01/24/2008 Analyst: LATCOR

### MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| Total Chloride by EPA 325.3<br>Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---|--------------------------|-----------------|--------------------------|----------------------|-----------------|------------------------------------|--------------------|-------|-------------------|---------------------|------|
|   | Chloride                 | 1340            | 2000                     | 3340                 | 100             | 2000                               | 3360               | 101   | 1                 | 75-125              | 30   |

Matrix Spike Percent Recovery [D] = 100\*(C-A)/B  
 Relative Percent Difference RPD = 200\*(D-G)/(D+G)  
 ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable  
 N = See Narrative, EQ = Estimated Quantitation Limit  
 Matrix Spike Duplicate Percent Recovery [G] = 100\*(F-A)/E



# Sample Duplicate Recovery



Project Name: Pride Energy

Work Order #: 296420

Lab Batch #: 712937  
Date Analyzed: 01/24/2008  
QC- Sample ID: 296397-001 D  
Reporting Units: %

Project ID:  
Date Prepared: 01/24/2008 Analyst: RBA  
Batch #: 1 Matrix: Soil

| SAMPLE / SAMPLE DUPLICATE RECOVERY |                          |                             |     |                     |      |
|------------------------------------|--------------------------|-----------------------------|-----|---------------------|------|
| Percent Moisture                   | Parent Sample Result [A] | Sample Duplicate Result [B] | RPD | Control Limits %RPD | Flag |
| Analyte                            |                          |                             |     |                     |      |
| Percent Moisture                   | 7.70                     | 8.69                        | 12  | 20                  |      |

Lab Batch #: 712949  
Date Analyzed: 01/24/2008  
QC- Sample ID: 296420-003 D  
Reporting Units: %

Date Prepared: 01/24/2008 Analyst: RBA  
Batch #: 1 Matrix: Soil

| SAMPLE / SAMPLE DUPLICATE RECOVERY |                          |                             |     |                     |      |
|------------------------------------|--------------------------|-----------------------------|-----|---------------------|------|
| Percent Moisture                   | Parent Sample Result [A] | Sample Duplicate Result [B] | RPD | Control Limits %RPD | Flag |
| Analyte                            |                          |                             |     |                     |      |
| Percent Moisture                   | 14.1                     | 13.7                        | 3   | 20                  |      |

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



**Environmental Lab of Texas**  
 Variance/ Corrective Action Report- Sample Log-In

Client: Elke Env.  
 Date/ Time: 1-24-08 9:47  
 Lab ID #: 296420  
 Initials: al

**Sample Receipt Checklist**

|  |   |    |                          | Client Initials |
|--|---|----|--------------------------|-----------------|
| #1 Temperature of container/ cooler?                       | <input checked="" type="checkbox"/> Yes | No | 2.6 °C                   |                 |
| #2 Shipping container in good condition?                   | <input checked="" type="checkbox"/> Yes | No |                          |                 |
| #3 Custody Seals intact on shipping container/ cooler?     | <input checked="" type="checkbox"/> Yes | No | Not Present              |                 |
| #4 Custody Seals intact on sample bottles/ container?      | <input checked="" type="checkbox"/> Yes | No | Not Present              |                 |
| #5 Chain of Custody present?                               | <input checked="" type="checkbox"/> Yes | No |                          |                 |
| #6 Sample instructions complete of Chain of Custody?       | <input checked="" type="checkbox"/> Yes | No |                          |                 |
| #7 Chain of Custody signed when relinquished/ received?    | <input checked="" type="checkbox"/> Yes | No |                          |                 |
| #8 Chain of Custody agrees with sample label(s)?           | <input checked="" type="checkbox"/> Yes | No | ID written on Cont./ Lid |                 |
| #9 Container label(s) legible and intact?                  | <input checked="" type="checkbox"/> Yes | No | Not Applicable           |                 |
| #10 Sample matrix/ properties agree with Chain of Custody? | <input checked="" type="checkbox"/> Yes | No |                          |                 |
| #11 Containers supplied by ELOT?                           | <input checked="" type="checkbox"/> Yes | No |                          |                 |
| #12 Samples in proper container/ bottle?                   | <input checked="" type="checkbox"/> Yes | No | See Below                |                 |
| #13 Samples properly preserved?                            | <input checked="" type="checkbox"/> Yes | No | See Below                |                 |
| #14 Sample bottles intact?                                 | <input checked="" type="checkbox"/> Yes | No |                          |                 |
| #15 Preservations documented on Chain of Custody?          | <input checked="" type="checkbox"/> Yes | No |                          |                 |
| #16 Containers documented on Chain of Custody?             | <input checked="" type="checkbox"/> Yes | No |                          |                 |
| #17 Sufficient sample amount for indicated test(s)?        | <input checked="" type="checkbox"/> Yes | No | See Below                |                 |
| #18 All samples received within sufficient hold time?      | <input checked="" type="checkbox"/> Yes | No | See Below                |                 |
| #19 Subcontract of sample(s)?                              | <input checked="" type="checkbox"/> Yes | No | Not Applicable           |                 |
| #20 VOC samples have zero headspace?                       | <input checked="" type="checkbox"/> Yes | No | Not Applicable           |                 |

**Variance Documentation**

Contact: \_\_\_\_\_ Contacted by: \_\_\_\_\_ Date/ Time: \_\_\_\_\_

Regarding: \_\_\_\_\_

Corrective Action Taken: \_\_\_\_\_

- Check all that Apply:
- See attached e-mail/ fax
  - Client understands and would like to proceed with analysis
  - Cooling process had begun shortly after sampling event

# **Analytical Report 296416**

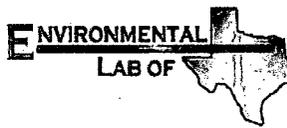
**for**

**Elke Environmental, Inc.**

**Project Manager: Logan Anderson**

**Pride Energy**

**25-JAN-08**



**12600 West I-20 East Odessa, Texas 79765**

**Texas certification numbers:  
Houston, TX T104704215**

**Florida certification numbers:  
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675  
Norcross(Atlanta), GA E87429**

**South Carolina certification numbers:  
Norcross(Atlanta), GA 98015**

**North Carolina certification numbers:  
Norcross(Atlanta), GA 483**

**Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America  
Midland - Corpus Christi - Atlanta**



25-JAN-08

Project Manager: **Logan Anderson**  
**Elke Environmental, Inc.**  
4817 Andrews Hwy  
P.O. Box 14167 Odessa, tx 79768  
Odessa, TX 79762

Reference: XENCO Report No: **296416**  
**Pride Energy**  
Project Address: South Four Lakes # ~~86~~ **15**

**Logan Anderson:**

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 296416. 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. 296416 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

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*Certified and approved by numerous States and Agencies.*

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**Sample Cross Reference 296416**



**Elke Environmental, Inc., Odessa, TX**

Pride Energy

| <b>Sample Id</b> | <b>Matrix</b> | <b>Date Collected</b> | <b>Sample Depth</b> | <b>Lab Sample Id</b> |
|------------------|---------------|-----------------------|---------------------|----------------------|
| MW 1             | W             | Jan-23-08 12:45       | 31 ft               | 296416-001           |



# Certificate of Analysis Summary 296416

## Elke Environmental, Inc., Odessa, TX

**Project Id:** Logan Anderson  
**Contact:** South Four Lakes #415  
**Project Name:** Pride Energy  
**Date Received in Lab:** Thu Jan-24-08 09:47 am  
**Report Date:** 25-JAN-08  
**Project Manager:** Brent Barron, II

|                                    |  |  |  |  |
|------------------------------------|--|--|--|--|
| <b>Analysis Requested</b>          | <b>Lab Id:</b> 296416-001<br><b>Field Id:</b> MW 1<br><b>Depth:</b> 31 ft<br><b>Matrix:</b> WATER<br><b>Sampled:</b> Jan-23-08 12:45 |  |  |  |
| <b>TPH by SW8015 Mod</b>           | <b>Extracted:</b> Jan-24-08 11:54<br><b>Analyzed:</b> Jan-24-08 15:53<br><b>Units/RL:</b> mg/L RL                                    |  |  |  |
| C6-C12 Gasoline Range Hydrocarbons | ND 1.50  |  |  |  |
| C12-C28 Diesel Range Hydrocarbons  | ND 1.50  |  |  |  |
| C28-C35 Oil Range Hydrocarbons     | ND 1.50  |  |  |  |
| Total TPH                          | ND   |  |  |  |
| <b>Total Chloride by EPA 325.3</b> | <b>Extracted:</b> Jan-24-08 11:48<br><b>Analyzed:</b> mg/L RL<br><b>Units/RL:</b> 3930 5.00  |  |  |  |
| Chloride                           |  |  |  |  |

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.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi

  
 Brent Barron  
 Odessa Laboratory Director



# 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(PQL) and above the SQL(MDL).
- 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.

\* Outside XENCO'S scope of NELAC Accreditation

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 9701 Harry Hines Blvd , Dallas, TX 75220  
 5332 Blackberry Drive, Suite 104, San Antonio, TX 78238  
 2505 N. Falkenburg Rd., Tampa, FL 33619  
 5757 NW 158th St, Miami Lakes, FL 33014  
 6017 Financial Dr., Norcross, GA 30071

| Phone          | Fax            |
|----------------|----------------|
| (281) 589-0692 | (281) 589-0695 |
| (214) 902 0300 | (214) 351-9139 |
| (210) 509-3334 | (201) 509-3335 |
| (813) 620-2000 | (813) 620-2033 |
| (305) 823-8500 | (305) 823-8555 |
| (770) 449-8800 | (770) 449-5477 |



# Form 2 - Surrogate Recoveries



Project Name: Pride Energy

Work Order #: 296416

Project ID:

Lab Batch #: 712968

Sample: 296416-001 / SMP

Batch: 1 Matrix: Water

Units: mg/L

| SURROGATE RECOVERY STUDY      |                  |                 |                 |                   |       |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| 1-Chlorooctane                | 8.60             | 10.0            | 86              | 70-135            |       |
| o-Terphenyl                   | 4.55             | 5.00            | 91              | 70-135            |       |

Lab Batch #: 712968

Sample: 503778-1-BKS / BKS

Batch: 1 Matrix: Water

Units: mg/L

| SURROGATE RECOVERY STUDY      |                  |                 |                 |                   |       |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| 1-Chlorooctane                | 10.2             | 10.0            | 102             | 70-135            |       |
| o-Terphenyl                   | 4.55             | 5.00            | 91              | 70-135            |       |

Lab Batch #: 712968

Sample: 503778-1-BLK / BLK

Batch: 1 Matrix: Water

Units: mg/L

| SURROGATE RECOVERY STUDY      |                  |                 |                 |                   |       |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| 1-Chlorooctane                | 8.24             | 10.0            | 82              | 70-135            |       |
| o-Terphenyl                   | 4.27             | 5.00            | 85              | 70-135            |       |

Lab Batch #: 712968

Sample: 503778-1-BSD / BSD

Batch: 1 Matrix: Water

Units: mg/L

| SURROGATE RECOVERY STUDY      |                  |                 |                 |                   |       |
|-------------------------------|------------------|-----------------|-----------------|-------------------|-------|
| TPH by SW8015 Mod<br>Analytes | Amount Found [A] | True Amount [B] | Recovery %R [D] | Control Limits %R | Flags |
| 1-Chlorooctane                | 11.9             | 10.0            | 119             | 70-135            |       |
| o-Terphenyl                   | 5.41             | 5.00            | 108             | 70-135            |       |

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

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



# Blank Spike Recovery



**Project Name: Pride Energy**

**Work Order #: 296416**

**Project ID:**

**Lab Batch #: 712865**

**Sample: 712865-1-BKS**

**Matrix: Water**

**Date Analyzed: 01/24/2008**

**Date Prepared: 01/24/2008**

**Analyst: LATCOR**

**Reporting Units: mg/L**

**Batch #: 1**

## BLANK /BLANK SPIKE RECOVERY STUDY

| Total Chloride by EPA 325.3<br><br>Analytes | Blank Result [A] | Spike Added [B] | Blank Spike Result [C] | Blank Spike %R [D] | Control Limits %R | Flags |
|---|------------------|-----------------|------------------------|--------------------|-------------------|-------|
| Chloride                                    | ND               | 100             | 95.7                   | 96                 | 80-120            |       |

Blank Spike Recovery [D] = 100\*[C]/[B]

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



# BS / BSD Recoveries



Project Name: **Pride Energy**

Work Order #: 296416

Project ID:

Analyst: SHE

Date Analyzed: 01/24/2008

Lab Batch ID: 712968

Date Prepared: 01/24/2008

Batch #: 1

Sample: 503778-1-BKS

Matrix: Water

Units: mg/L

## BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

| Analytes                           | TPH by SW8015 Mod | 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 |
|------------------------------------|-------------------|-------------------------|-----------------|------------------------|--------------------|-----------------|----------------------------------|----------------------|-------|-------------------|---------------------|------|
| C6-C12 Gasoline Range Hydrocarbons |                   | ND                      | 100             | 88.2                   | 88                 | 100             | 105                              | 105                  | 17    | 70-135            | 25                  |      |
| C12-C28 Diesel Range Hydrocarbons  |                   | -ND                     | 100             | 91.0                   | 91                 | 100             | 108                              | 108                  | 17    | 70-135            | 25                  |      |

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



# Form 3 - MS / MSD Recoveries



Project Name: Pride Energy

Work Order # 296416

Project ID:

Lab Batch ID: 712865

QC- Sample ID: 296416-001 S

Batch #: 1 Matrix: Water

Date Analyzed: 01/24/2008

Date Prepared: 01/24/2008

Analyst: LATCOR

Reporting Units: mg/L

## MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

| Total Chloride by EPA 325.3<br>Analytes | Parent Sample Result [A] | Spike Added [B] | Spiked Sample Result [C] | Spiked Sample %R [D] | Spike Added [E] | Duplicate Spiked Sample Result [F] | Spiked Dup. %R [G] | RPD % | Control Limits %R | Control Limits %RPD | Flag |
|---|--------------------------|-----------------|--------------------------|----------------------|-----------------|------------------------------------|--------------------|-------|-------------------|---------------------|------|
|   | Chloride                 | 3930            | 5000                     | 9090                 | 103             | 5000                               | 9150               | 104   | 1                 | 80-120              | 20   |

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

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

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit



**Environmental Lab of Texas**  
Variance/ Corrective Action Report- Sample Log-In

Client: Elke Env.  
Date/ Time: 1-24-08 9:47  
Lab ID #: 296416  
Initials: AL

**Sample Receipt Checklist**

|  |   |  |                           | Client Initials |
|--|---|--|---------------------------|-----------------|
| #1 Temperature of container/ cooler?                       | <input checked="" type="checkbox"/> Yes | No                                     | 2.0 °C                    |                 |
| #2 Shipping container in good condition?                   | <input checked="" type="checkbox"/> Yes | No                                     |                           |                 |
| #3 Custody Seals intact on shipping container/ cooler?     | <input checked="" type="checkbox"/> Yes | No                                     | Not Present               |                 |
| #4 Custody Seals intact on sample bottles/ container?      | <input checked="" type="checkbox"/> Yes | No                                     | Not Present               |                 |
| #5 Chain of Custody present?                               | <input checked="" type="checkbox"/> Yes | No                                     |                           |                 |
| #6 Sample instructions complete of Chain of Custody?       | <input checked="" type="checkbox"/> Yes | No                                     |                           |                 |
| #7 Chain of Custody signed when relinquished/ received?    | <input checked="" type="checkbox"/> Yes | No                                     |                           |                 |
| #8 Chain of Custody agrees with sample label(s)?           | <input checked="" type="checkbox"/> Yes | No                                     | ID written on Cont / Lid  |                 |
| #9 Container label(s) legible and intact?                  | <input checked="" type="checkbox"/> Yes | No                                     | Not Applicable            |                 |
| #10 Sample matrix/ properties agree with Chain of Custody? | <input checked="" type="checkbox"/> Yes | No                                     |                           |                 |
| #11 Containers supplied by ELOT?                           | <input checked="" type="checkbox"/> Yes | No                                     |                           |                 |
| #12 Samples in proper container/ bottle?                   | Yes                                     | <input checked="" type="checkbox"/> No | * See Below               |                 |
| #13 Samples properly preserved?                            | Yes                                     | <input checked="" type="checkbox"/> No | * See Below               |                 |
| #14 Sample bottles intact?                                 | <input checked="" type="checkbox"/> Yes | No                                     |                           |                 |
| #15 Preservations documented on Chain of Custody?          | <input checked="" type="checkbox"/> Yes | No                                     |                           |                 |
| #16 Containers documented on Chain of Custody?             | <input checked="" type="checkbox"/> Yes | No                                     |                           |                 |
| #17 Sufficient sample amount for indicated test(s)?        | <input checked="" type="checkbox"/> Yes | No                                     | See Below                 |                 |
| #18 All samples received within sufficient hold time?      | <input checked="" type="checkbox"/> Yes | No                                     | See Below                 |                 |
| #19 Subcontract of sample(s)?                              | Yes                                     | No                                     | <del>Not Applicable</del> |                 |
| #20 VOC samples have zero headspace?                       | Yes                                     | <input checked="" type="checkbox"/> No | Not Applicable            |                 |

**Variance Documentation**

Contact: \_\_\_\_\_ Contacted by: \_\_\_\_\_ Date/ Time: \_\_\_\_\_

Regarding: #12, sample not in a 46ml vial. #13, sample was not preserved w/ HCl

Corrective Action Taken:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- Check all that Apply:
- See attached e-mail/ fax
  - Client understands and would like to proceed with analysis
  - Cooling process had begun shortly after sampling event