

# TALON/LPE

February 5, 2007

Mr. Patrick Ellis  
POGO PRODUCING COMPANY  
P.O. Box 10340  
Midland, Texas 79702

Re: Excavation and Sampling of Reserve Pit, Never Ready 14 Federal #1,  
U/L: E Section 14 T 20S R 34E.

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3002533120000

Dear Mr. Ellis:

Talon/LPE is pleased to provide this letter describing the activities performed at the above referenced site. The scope of work for the project included the excavation and removal of a reserve pit as well as confirmation sampling and soil disposal.

## Excavation and Disposal of the Reserve Pit

On January 27, 2007, Talon/LPE mobilized to the site. A front end loader was utilized to excavate the reserve pit and stockpile the material on plastic sheeting. A total of 1,595 yd<sup>3</sup> of soil was excavated from the pit. On January 29, 2007, Talon/LPE began loading this material into haul trucks for disposal at the CRI landfill. Soil removal operations were completed on January 31, 2007.

## Sampling

For sampling purposes, the site was broken down into 4 quadrants as requested in the C-144. The quadrant locations are labeled on the attached site map (Attachment 1). Grab samples were collected from each quadrant at six (6) inches beneath the bottom of the excavation on the afternoon of February 1, 2007. The samples were then submitted to TraceAnalysis, Inc. and analyzed for total chlorides (Attachment 2). A breakdown of the analytical results from each location is as follows:

<u>Location</u>	<u>Total Chlorides</u>
Bottom Hole 1 (BH-1)	191 mg/Kg
Bottom Hole 2 (BH-2)	144 mg/Kg
Bottom Hole 3 (BH-3)	583 mg/Kg
Bottom Hole 4 (BH-4)	499 mg/Kg

Per the Form C-144 requirements, the backfilling activities will not be conducted until concurrence is given by the New Mexico Oil Conservation Division (NMOCD).

AMARILLO  
921 North Bivins  
Amarillo, Texas 79107  
Phone 806-467-0607  
Fax 806-467-0622

AUSTIN  
3003 Tom Gary Cove  
Building C-100  
Round Rock, Texas 78664  
Phone 512-989-3428  
Fax 512-989-3487

MIDLAND  
#9 East Industrial Loop  
Midland, Texas 79701  
Phone 432-522-2133  
Fax 432-522-2180

NEW BRAUNFELS  
707 N. Walnut Ave.  
Suite 208  
New Braunfels, Texas 78130  
Phone 210-579-0235  
Fax 210-568-2191

TULSA  
1439 East 41st Street  
Tulsa, OK 74105  
Phone 918-742-0871  
Fax 918-742-0876

RPA# 1352

Talon/LPE appreciates the opportunity to provide these professional services to Pogo Producing Company. If you have any questions, or require additional information regarding this letter, please contact the undersigned at (432)522-2133.

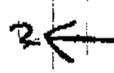
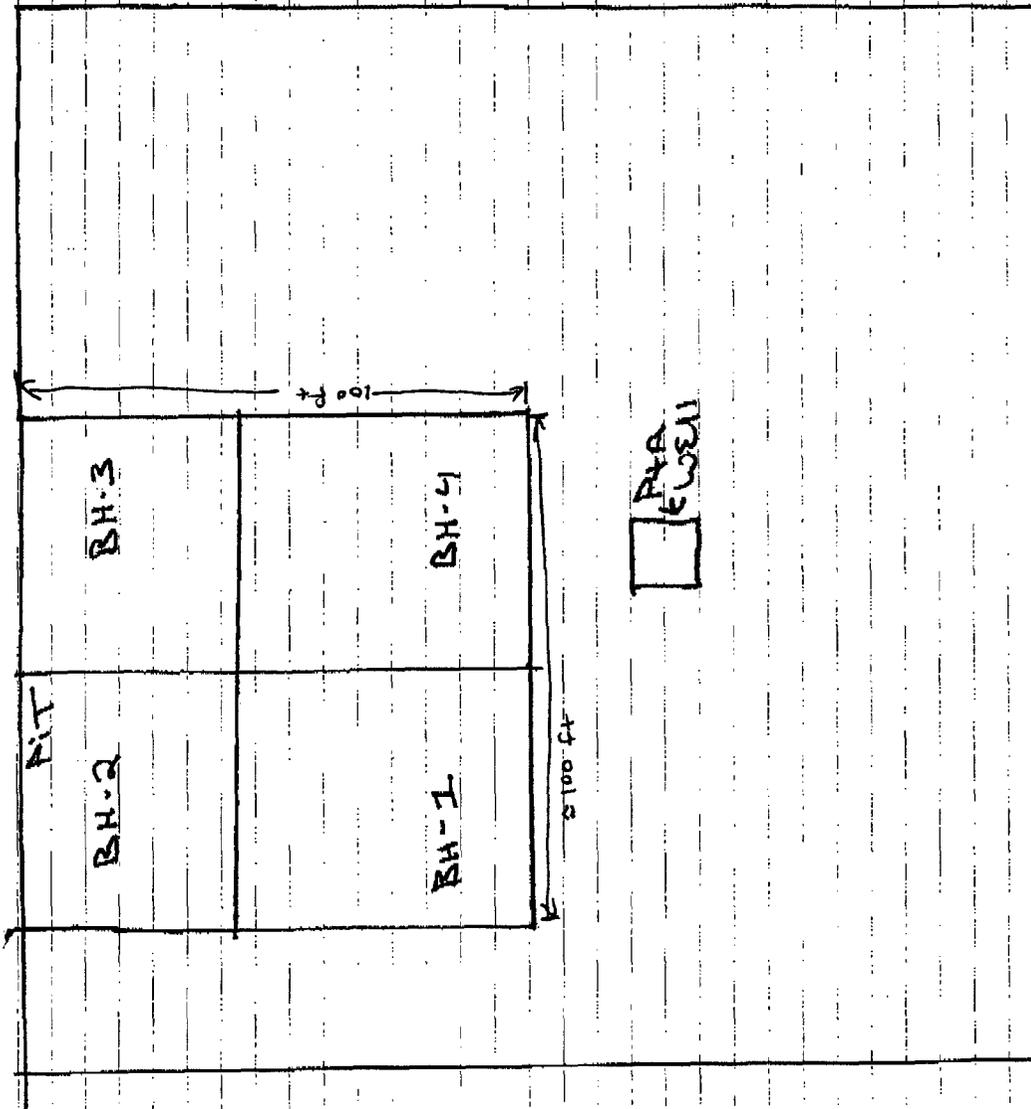
Respectfully Submitted,



Kyle J. Waggoner  
Senior Project Manager  
TalonLPE

**Attachments:**

- Attachment 1 - Site Map
- Attachment 2 - Analytical Table



NEVER READY 14 #1

PASTURE

BOARD

PASTURE



6701 Aberdeen Avenue, Suite 9    Lubbock, Texas 79424    800•378•1296    806•794•1296    FAX 806•794•1298  
155 McCutcheon, Suite H    El Paso, Texas 79932    888•588•3443    915•585•3443    FAX 915•585•4944  
E-Mail lab@traceanalysis.com

## Analytical and Quality Control Report

Kyle Waggoner  
Talon LPE  
921 North Bivins  
Amarillo, TX, 79107

Report Date: February 5, 2007

Work Order: 7020213



Project Location: Lea County, NM  
Project Name: Never Ready 141  
Project Number: POGO PR010PIT

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
115409	BH-1	soil	2007-02-01	13:57	2007-02-02
115410	BH-2	soil	2007-02-01	14:04	2007-02-02
115411	BH-3	soil	2007-02-01	14:10	2007-02-02
115412	BH-4	soil	2007-02-01	14:15	2007-02-02

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 5 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

### Standard Flags

**B** - The sample contains less than ten times the concentration found in the method blank.

## Analytical Report

### Sample: 115409 - BH-1

Analysis: Chloride (IC)                      Analytical Method: E 300.0                      Prep Method: N/A  
QC Batch: 34290                              Date Analyzed: 2007-02-05                      Analyzed By: AR  
Prep Batch: 29756                              Sample Preparation: 2007-02-02                      Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		191	mg/Kg	10	1.00

### Sample: 115410 - BH-2

Analysis: Chloride (IC)                      Analytical Method: E 300.0                      Prep Method: N/A  
QC Batch: 34290                              Date Analyzed: 2007-02-05                      Analyzed By: AR  
Prep Batch: 29756                              Sample Preparation: 2007-02-02                      Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		144	mg/Kg	5	1.00

### Sample: 115411 - BH-3

Analysis: Chloride (IC)                      Analytical Method: E 300.0                      Prep Method: N/A  
QC Batch: 34290                              Date Analyzed: 2007-02-05                      Analyzed By: AR  
Prep Batch: 29756                              Sample Preparation: 2007-02-02                      Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		583	mg/Kg	10	1.00

### Sample: 115412 - BH-4

Analysis: Chloride (IC)                      Analytical Method: E 300.0                      Prep Method: N/A  
QC Batch: 34290                              Date Analyzed: 2007-02-05                      Analyzed By: AR  
Prep Batch: 29756                              Sample Preparation: 2007-02-02                      Prepared By: AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		499	mg/Kg	10	1.00

### Matrix Blank (1)    QC Batch: 34290

QC Batch: 34290                              Date Analyzed: 2007-02-05                      Analyzed By: AR  
Prep Batch: 29756                              QC Preparation: 2007-02-02                      Prepared By: AR

Parameter	Flag	MDL Result	Units	RL
Chloride		2.04	mg/Kg	1

**Laboratory Control Spike (LCS-1)**

QC Batch: 34290                      Date Analyzed: 2007-02-05                      Analyzed By: AR  
 Prep Batch: 29756                      QC Preparation: 2007-02-02                      Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	13.8	mg/Kg	1	12.5	2.3	110	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	13.6	mg/Kg	1	12.5	2.3	109	90 - 110	1	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

**Matrix Spike (MS-1) Spiked Sample: 115414**

QC Batch: 34290                      Date Analyzed: 2007-02-05                      Analyzed By: AR  
 Prep Batch: 29756                      QC Preparation: 2007-02-02                      Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	1310	mg/Kg	50	625	727.824	93	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	1390	mg/Kg	50	625	727.824	106	90 - 110	6	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

**Standard (ICV-1)**

QC Batch: 34290                      Date Analyzed: 2007-02-05                      Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.9	95	90 - 110	2007-02-05

**Standard (CCV-1)**

QC Batch: 34290                      Date Analyzed: 2007-02-05                      Analyzed By: AR

Report Date: February 5, 2007  
POGO PR010PIT

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Never Ready 141

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Lea County, NM

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	12.5	11.9	95	90 - 110	2007-02-05

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6701 Aberdeen Avenue, Ste. 9  
 Lubbock, Texas 79424  
 Tel (806) 794-1296  
 Fax (806) 794-1298  
 1 (800) 378-1298  
 email: lab@traceanalysis.com

155 McCutcheon, Suite H.  
 El Paso, Texas 79932  
 Tel (915) 586-3443  
 Fax (915) 586-4944  
 1 (888) 588-3443

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

LAB ORDER NO. **7020213**

# Trace Analysis, Inc.

Company Name: Lab 110E Phone #: (432) 522-8133  
 Address: 49 East Industrial Loop (Street, City, Zip) Fax #: (432) 522-2180  
 Contact Person: Kyle Wigganer E-mail: Kwigganer@talanpa.com  
 Invoice to: Kyle Wigganer

Project #: POGO PR010PIT Project Name: Never Ready 141  
 Project Location (including state): Lea County, NM Sampler Signature: Eb Taylor

LAB USE / ONLY	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD				SAMPLING		
				WATER	SOIL	AIR	SLUDGE	HCl	HNO <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	NaOH	ICE*	NONE	DATE
	BH-1	1	4oz.	X									2/10/07	157
	BH-2	1	4oz.	X									2/10/07	204
	BH-3	1	4oz.	X									2/10/07	210
	BH-4	1	4oz.										2/10/07	215

Relinquished by: B. Miller Date: 2/10/07 Time: 0940  
 Received by: AROR Date: 2-2-07 Time: 0940

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.  
 ORIGINAL COPY

LAB USE ONLY

REMARKS: 24 HR

Carrier # OKS IN

Dry Weight Basis Required  
 TRRP Report Required  
 Check if Special Reporting Limits Are Needed

ANALYSIS REQUEST  
 (Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624  
 BTEX 8021B / 602 / 8260B / 624  
 TPH 418.1 / TX1005 / TX1005 Ext(C35)  
 TPH 8015 GRO / DRO / TVHC  
 PAH 8270C / 625  
 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  
 PCB's 8082 / 608  
 Pesticides 8081A / 608  
 BOD, TSS, pH  
 Moisture Content  
Chlorides

Turn Around Time if different from standard  
 Hold