

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-144
June 1, 2004

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

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action. Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator CHI OPERATING, INC Telephone: 432-685-5001 e-mail address: pamc@chienergyinc.com
Address P O BOX 1799 MIDLAND, TX 79702
Facility or well name. OTIS 33 #3 API # 30-015-33943 U/L or Qtr/Qtr B Sec 33 T 22S R 27E
County EDDY Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐
Surface Owner Federal ☐ State ☐ Private ☐ Indian ☐

<u>Pit</u>	<u>Below-grade tank</u>	
Type <u>Drilling</u> <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type. Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume. _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points) 20
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	(0 points)
Wellhead protection area (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points) 20
	No	(0 points)
Distance to surface water (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more	(0 points) 0
Ranking Score (Total Points)		40

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location (check the onsite box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility CRI. (3) Attach a general description of remedial action taken including remediation start date and end date (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft and attach sample results (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments
Hit rock in two quadrants and took samples. Dug another 8' and hit rock in two more quadrants and took more samples.
NMOCD is in receipt of analytical data Mike Bratcher approved closure of pit.
FINAL CLOSURE

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 3/16/08

Printed Name/Title PAM CORBETT

Signature Pam Corbett

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title _____

Signature _____

Accepted for record
NMOCD

Date

APR 17 2008

Analytical Report 298877

for

Tripp Construction Co.

Project Manager: Mark Meadows

Otis 33 # 3

CEI 08-03-1001

06-MAR-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**



06-MAR-08

Project Manager: Mark Meadows
Tripp Construction Co.
P.O. Box 1711
Odessa, TX 79760

Reference: XENCO Report No: 298877
Otis 33 # 3
Project Address: NM

Mark Meadows:

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 298877. 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. 298877 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,

A handwritten signature in black ink, appearing to read "Brent Barron, II".

Brent Barron, II

Odessa Laboratory Manager

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

Certified and approved by numerous States and Agencies.

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**Sample Cross Reference 298877****Tripp Construction Co., Odessa, TX**

Otis 33 # 3



Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
CS-1 NE Quadrant & Side Wall	S	Mar-04-08 16:28	45 - 45 ft	298877-001
CS-2 SW Quadrant & Side Wall	S	Mar-04-08 16:30	45 - 45 ft	298877-002
CS-3 SE Quadrant & Side Wall	S	Mar-04-08 16:33	45 - 45 ft	298877-003
CS-4 NW Quadrant & Side Wall	S	Mar-04-08 16:36	45 - 45 ft	298877-004
CS-5 Background	S	Mar-04-08 16:38	GS - GS	298877-005



Certificate of Analysis Summary 298877

Tripp Construction Co., Odessa, TX

Project Name: Oil 33 #3

Project Id: CEI 03-01-1001

Contact: Mark Meadows

Project Location: NM

Date Received in Lab: Wed Mar-05-03 09:59 am

Report Date: 06-MAR-03

Project Manager: Brent Barron, II

Lab Id:	298877-001	298877-002	298877-003	298877-004	298877-005
Field Id:	28-1 NW Quadrant & Side WS-2 SW Quadrant & Side WS-3 SE Quadrant & Side WS-4 NW Quadrant & Side				CS-5 Background
Depth:	45-45 ft	45-45 ft	45-45 ft	45-45 ft	03-G3
Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL
Sampled:	Mar-04-03 16:13	Mar-04-03 16:20	Mar-04-03 16:23	Mar-04-03 16:26	Mar-04-03 16:28
Extracted:					
Analyzed:	Mar-03-03 16:17	Mar-03-03 16:17	Mar-03-03 16:17	Mar-03-03 16:17	Mar-03-03 16:17
Unit/REL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride	983 10.0	420 100	1800 100	400 100	3300 10.0

This is a preliminary report and the entire data package it represents. No time is made for your review or confirmation. This report is for informational purposes only and is not to be used for legal or regulatory purposes. The data is preliminary and is subject to change. The data is preliminary and is subject to change. The data is preliminary and is subject to change.

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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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 2505 N. Folkensburg 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) 909-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(770) 449-8800	(770) 449-5477

**Blank Spike Recovery**

Project Name: Otis 33 #3

Work Order #: 298877

Project ID:

CEI 08-03-1001

Lab Batch #: 716323

Sample: 716323-1-BKS

Matrix: Solid

Date Analyzed: 03/05/2008

Date Prepared: 03/05/2008

Analyst: LATCOR

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Anions by EPA 300/300.1 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	100	98.6	99	75-125	

Blank Spike Recovery [D] = $100 * [C] / [B]$
All results are based on MDL and validated for QC purposes.



Form 3 - MS Recoveries

Project Name: Otis 33 # 3



Work Order #: 298877

Lab Batch #: 716323

Date Analyzed: 03/05/2008

QC- Sample ID: 298877-001 S

Reporting Units: mg/kg

Date Prepared: 03/05/2008

Project ID: CEI 08-03-1001

Analyst: LATCOR

Batch #: I

Matrix: Soil

MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300		Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes							
Chloride		903	200	1160	129	75-125	X

Matrix Spike Percent Recovery [D] = $100 \times (C-A)/B$
 Relative Percent Difference [R] = $200 \times (C-A)/(C+B)$
 All Results are based on MDL and Validated for QC Purposes

**Sample Duplicate Recovery****Project Name: Otis 33 # 3****Work Order #: 298877****Lab Batch #: 716323****Date Analyzed: 03/05/2008****QC- Sample ID: 298877-001 D****Reporting Units: mg/kg****Date Prepared: 03/05/2008****Batch #: 1****Project ID: CEI 08-03-1001****Analyst: LATCOR****Matrix: Soil**

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Anions by EPA 300/300.1	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Chloride	903	890	1	20	

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

Environmental Lab of Texas

A Minotaur Laboratories Company

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
 12000 West Loop East
 P.O. Box 432530
 Dallas, Texas 75278

Project Manager: Mark Meadows Project Name: Q15 312.93
 Company Name: Tripp Construction, Inc. Project #: CE108-03-1001
 Company Address: P.O. Box 1711 Project Location: N/A
 City/State/Zip: Dallas, Texas 75260 Project #: N/A
 Telephone Fax: 432-381-2440 Report Format: ☒ Standard ☐ Test ☐ Notes
 Sample Signature: [Signature] Date: 03/26/2008

Lab Use Only	Order No.	Field No.	Sample Description	Container	Volume	Matrix	Analysis	Remarks	Signature	Date
17	17	17	FIELD NO. 17	17	17	17	17	17	17	17
18	18	18	CS-1 NE Quadrant & 60s well	18	18	18	18	18	18	18
19	19	19	CS-2 SW Quadrant & 60s well	19	19	19	19	19	19	19
20	20	20	CS-3 SE Quadrant & 60s well	20	20	20	20	20	20	20
21	21	21	CS-4 NW Quadrant & 60s well	21	21	21	21	21	21	21
22	22	22	CS-5 S Background	22	22	22	22	22	22	22

Lab Use Only: 17

Order No.: 17

Field No.: 17

Sample Description: FIELD NO. 17

Container: 17

Volume: 17

Matrix: 17

Analysis: 17

Remarks: 17

Signature: 17

Date: 17

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

Client: Tripp Const.
 Date/ Time: 3:50 9:58
 Lab ID #: 298317
 Initials: AL

Sample Receipt Checklist

			Client Initials
#1	Temperature of container/ cooler?	Yes? No	170 °C
#2	Shipping container in good condition?	Yes? No	
#3	Custody Seals intact on shipping container/ cooler?	Yes? No	Not Present
#4	Custody Seals intact on sample bottles/ container?	Yes? No	Not Present
#5	Chain of Custody present?	Yes? No	
#6	Sample instructions complete of Chain of Custody?	Yes? No	
#7	Chain of Custody signed when relinquished/ received?	Yes? No	
#8	Chain of Custody agrees with sample label(s)?	Yes? No	ID written on Cont./ Lid
#9	Container label(s) legible and intact?	Yes? No	Not Applicable
#10	Sample matrix properties same with Chain of Custody?	Yes? No	
#11	Containers supplied by ELOT?	Yes? No	
#12	Samples in proper container/ bottle?	Yes? No	See Below
#13	Sampler properly preserved?	Yes? No	See Below
#14	Sample bottles intact?	Yes? No	
#15	Preservations documented on Chain of Custody?	Yes? No	
#16	Containers documented on Chain of Custody?	Yes? No	
#17	Sufficient sample amount for indicated test(s)?	Yes? No	See Below
#18	All samples received within sufficient hold time?	Yes? No	See Below
#19	Subcontract of sample(s)?	Yes? No	Not Applicable
#20	VOC samples have zero headspace?	Yes? No	Not Applicable

Variance Documentation

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

Regarding: _____

Corrective Action Taken: _____

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