

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
10 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-144
June 1, 2004

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 ☒

Final Report

Operator: EOG Resources, Inc. Telephone: 432-686-3600 e-mail address: Berigry@msn.com
Address: P O Box 2267 Midland, TX 79702
Facility or well name: Tiber A 5 Fee #1H API #: 30-015-35467 U/L or Qtr/Qtr D Sec 5 T 16S R 25E
County: Eddy Latitude 32.9630322 Longitude 104.5145776 NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

Pit Type: Drilling <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 12 mil Clay <input type="checkbox"/> Pit Volume 10300 bbl	Below-grade tank 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) XXX 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) No (0 points) XXX
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) XXX 1000 feet or more (0 points)
Ranking Score (Total Points) 30 Points	

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 _____. (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: A burial pit was constructed and lined with a 12 mil impervious liner. The drilling pit contents were mixed with Elke Environmental Solidification Product at a 20 (mud) to 1 (product) ratio to solidify the contents then placed in the burial pit. The burial pit was covered with a 20 mil impervious liner with a minimum of 3 ft. overlap on all sides and a minimum of 3 ft. below ground level. Testing was completed on the pit bottoms and no contamination was found. The site was then backfilled with clean native soil and contoured to the surrounding area.

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: 12/10/07
Printed Name/Title: Brett Grigiz Field Sup. Signature: [Signature]

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: DEC 17 2007

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768
Phone (432) 366-0043 Fax (432) 366-0884

November 26, 2007

DEC 12 2007
OCD-ARTESIA

EOG Resources
Mr. Brett Grigry
P O Box 3229
Carlsbad, NM 88220

Re: Drilling Pit Closure of EOG Resources – Tiber A 5 Fee #1H
UL 'D' Sec. 5 T16S R25E Eddy County
API # 30-015-35467

Mr. Brett Grigry,

Enclosed is the closure report for the Tiber A 5 Fee #1H. NMOCD requires that an EOG Resources representative sign and date the final C-144 which is the very last page of the closure report. Then mail one copy to:

NMOCD
Attn: Mike Bratcher
1301 W. Grand Ave.
Artesia, NM 88210

If you have any questions about the enclosed report please feel free to contact me at the office.

Sincerely,



Logan Anderson

Closure Report

Prepared for
EOG Resources

Tiber A 5 Fee #1H
API # 30-015-35467
Eddy County, NM

Prepared by
Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768
Phone (432) 366-0043 Fax (432) 366-0884

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November 26, 2007

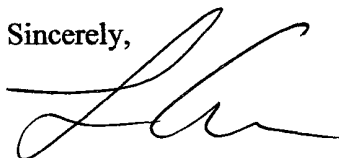
New Mexico Oil Conservation Division
Mr. Mike Bratcher
1301 West Grand Ave.
Artesia, New Mexico 88210

Re: Drilling Pit Closure of EOG Resources – Tiber A 5 Fee #1H
UL 'D' Sec. 5 T16S R25E Eddy County, NM
API # 30-015-35467

Mr. Mike Bratcher,

Elke Environmental was contracted by EOG Resources to complete the closure of the Tiber A 5 Fee #1H drilling pit. As per the C-144 filed and signed by Mike Bratcher a burial pit was constructed and lined with a 12 mil liner. The drilling mud was mixed with Elke Environmental Solidification Product at a 20(mud) to 1(product) ratio to solidify then mud then placed in the burial pit. 5 bottom sample points were analyzed and all points met NMOCD standards. The burial pit was capped with a 20 mil impervious liner. The drilling pit and burial pit were then backfilled with clean native soil and contoured to the surrounding area. If you have any questions about the enclosed report please contact me at the office.

Sincerely,



Logan Anderson

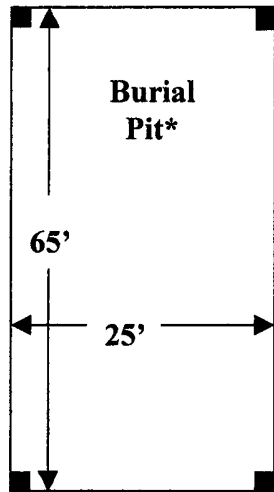
EOG Resources
Tiber A 5 Fee #1H

Plat Map



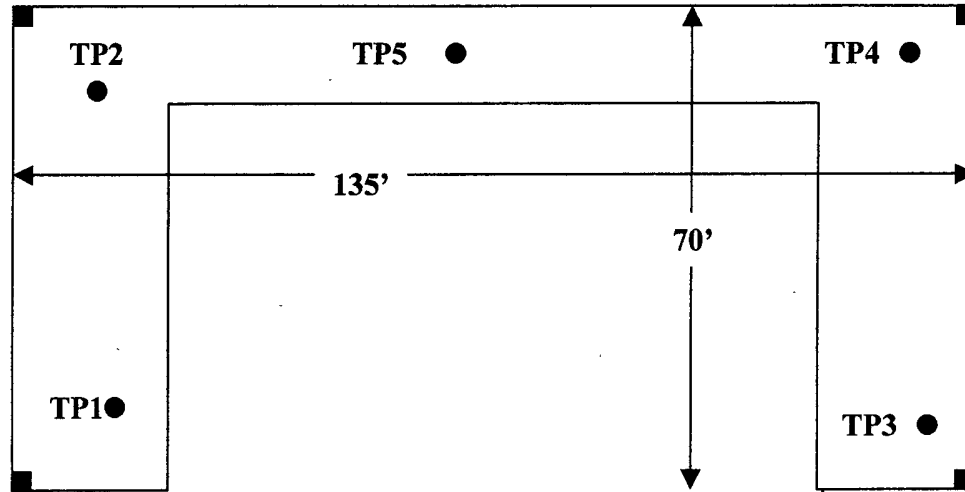
* Burial pit was built using
North leg of drilling pit
after testing showed no
contamination.

32° 57' 81.2" N 32° 57' 80.8" N
104° 30' 88.7" W 104° 30' 88.8" W



32° 57' 81.3" N 32° 57' 80.8" N
104° 30' 90.2" W 104° 30' 90.1" W

32° 57' 81.2" N
104° 30' 88.6" W



32° 57' 01.2" N
104° 30' 89.7" W

32° 57' 79.1" N
104° 30' 88.6" W

32° 57' 79.1" N
104° 30' 89.9" W

52'

Wellhead
32° 57' 78.8" N
104° 30' 90.6" W

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Field Analytical Report Form

Client EOG Resources **Analyst** Logan Anderson

Site Tiber A 5 Fee #1H

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
TP1	11-8-07	14'		94	5.1	32° 57' 80.8" N 104° 30' 89.2" W
TP2	11-8-07	14'		202	9.3	32° 57' 80.8" N 104° 30' 88.9" W
TP3	11-8-07	14'		241	7.3	32° 57' 78.9" N 104° 30' 89.4" W
TP4	11-8-07	14'		191	11.7	32° 57' 79.0" N 104° 30' 88.9" W
TP5	11-8-07	14'		137	17.1	32° 57' 79.5" N 104° 30' 89.0" W

Analyst Notes _____

EOG Resources – Tiber A 5 Fee #1H



Drilling pit before closure.



Burial pit before liner is installed.



Burial pit lined with a 12 mil impervious liner.

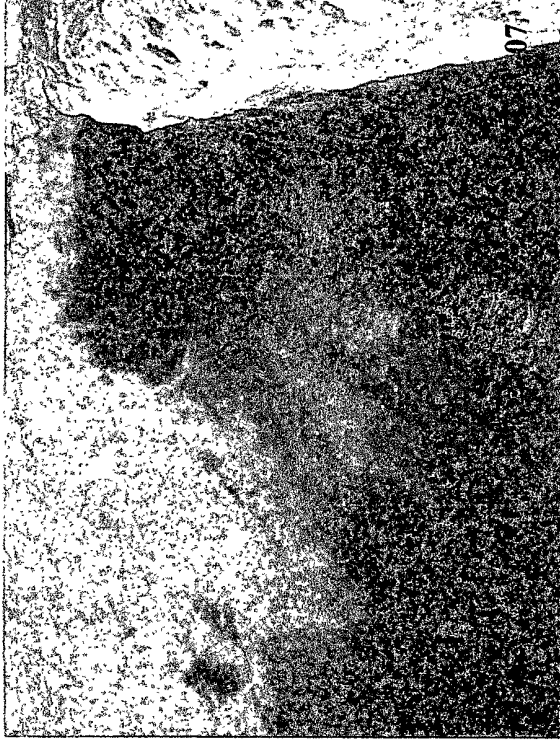


Mixing mud with Elke Environmental Solidification Product.

EOG Resources – Tiber A 5 Fee #1H



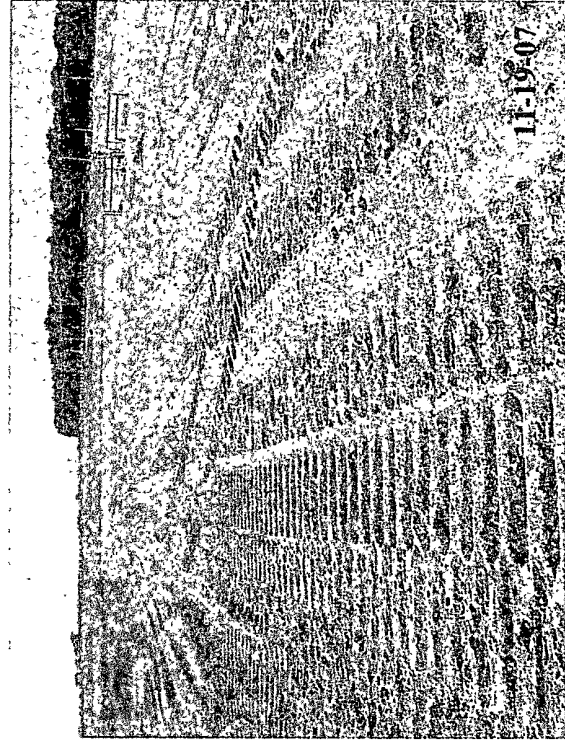
Burial pit capped with a 20 mil impervious liner.



Drilling pit after all mud is removed.



Site after backfill of clean soil and contouring.



Site after backfill of clean soil and contouring.

Analytical Report 292773

for

Elke Environmental, Inc.

Project Manager: Logan Anderson

EOG Resources

14-NOV-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

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

**Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675**

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



14-NOV-07

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

Reference: XENCO Report No: **292773**
EOG Resources
Project Address: Tiber A 5 Fee # 1 H

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 292773. 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. 292773 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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Sample Cross Reference 292773

Elke Environmental, Inc., Odessa, TX

EOG Resources

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TP 1 @ 14'	S	Nov-08-07 11:00	14 ft	292773-001
TP 2 @ 14'	S	Nov-08-07 11:30	14 ft	292773-002
TP 3 @ 14'	S	Nov-08-07 12:00	14 ft	292773-003
TP 4 @ 14'	S	Nov-08-07 12:30	14 ft	292773-004
TP 5 @ 14'	S	Nov-08-07 13:00	14 ft	292773-005



Certificate of Analysis Summary 292773

Elke Environmental, Inc., Odessa, TX

Project Name: EOG Resources

Project Id:

Contact: Logan Anderson

Project Location: Tiber A 5 Fee # 1 H

Date Received in Lab: Fri Nov-09-07 11:14 am

Report Date: 14-NOV-07

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	292773-001	292773-002	292773-003	292773-004	292773-005	
	Field Id:	TP 1 @ 14'	TP 2 @ 14'	TP 3 @ 14'	TP 4 @ 14'	TP 5 @ 14'	
	Depth:	14 ft	14 ft	14 ft	14 ft	14 ft	
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sampled:	Nov-08-07 11:00	Nov-08-07 11:30	Nov-08-07 12:00	Nov-08-07 12:30	Nov-08-07 13:00	
Percent Moisture	Extracted:						
	Analyzed:	Nov-09-07 12:58	Nov-09-07 12:58	Nov-09-07 12:58	Nov-09-07 12:58	Nov-09-07 13:03	
	Units/RL:	% RL	% RL	% RL	% RL	% RL	
Percent Moisture		20.6 1.00	10.4 1.00	4.50 1.00	6.67 1.00	4.98 1.00	
TPH by SW8015 Mod	Extracted:	Nov-13-07 15:05	Nov-13-07 15:05	Nov-13-07 15:05	Nov-13-07 15:05	Nov-13-07 15:05	
	Analyzed:	Nov-13-07 21:28	Nov-13-07 21:57	Nov-13-07 22:26	Nov-13-07 23:24	Nov-13-07 23:51	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
C6-C12 Gasoline Range Hydrocarbons		ND 18.9	ND 16.7	ND 15.7	ND 16.1	ND 15.8	
C12-C28 Diesel Range Hydrocarbons		31.9 18.9	ND 16.7	ND 15.7	ND 16.1	ND 15.8	
C28-C35 Oil Range Hydrocarbons		38.1 18.9	ND 16.7	ND 15.7	ND 16.1	ND 15.8	
Total TPH		70	ND	ND	ND	ND	
Total Chloride by EPA 325.3	Extracted:						
	Analyzed:	Nov-09-07 17:00	Nov-09-07 17:00	Nov-09-07 17:00	Nov-09-07 17:00	Nov-09-07 17:00	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Chloride		31.9 5.00	31.9 5.00	128 5.00	128 5.00	149 5.00	

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.

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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 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.
- * Outside XENCO'S scope of NELAC Accreditation

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(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555



Form 2 - Surrogate Recoveries

Project Name: EOG Resources

Work Order #: 292773

Project ID:

Lab Batch #: 708454

Sample: 292773-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	106	100	106	70-135	
o-Terphenyl	54.5	50.0	109	70-135	

Lab Batch #: 708454

Sample: 292773-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	121	100	121	70-135	
o-Terphenyl	60.9	50.0	122	70-135	

Lab Batch #: 708454

Sample: 292773-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	123	100	123	70-135	
o-Terphenyl	59.2	50.0	118	70-135	

Lab Batch #: 708454

Sample: 292773-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	113	100	113	70-135	
o-Terphenyl	58.0	50.0	116	70-135	

Lab Batch #: 708454

Sample: 292773-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	111	100	111	70-135	
o-Terphenyl	56.1	50.0	112	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: EOG Resources

Work Order #: 292773

Project ID:

Lab Batch #: 708454

Sample: 292773-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	106	100	106	70-135	
o-Terphenyl	53.6	50.0	107	70-135	

Lab Batch #: 708454

Sample: 292773-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	110	100	110	70-135	
o-Terphenyl	56.2	50.0	112	70-135	

Lab Batch #: 708454

Sample: 501449-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	129	100	129	70-135	
o-Terphenyl	61.6	50.0	123	70-135	

Lab Batch #: 708454

Sample: 501449-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	109	100	109	70-135	
o-Terphenyl	55.5	50.0	111	70-135	

Lab Batch #: 708454

Sample: 501449-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	121	100	121	70-135	
o-Terphenyl	57.7	50.0	115	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: EOG Resources

Work Order #: 292773

Project ID:

Lab Batch #: 708227

Sample: 708227-1-BKS

Matrix: Solid

Date Analyzed: 11/09/2007

Date Prepared: 11/09/2007

Analyst: IRO

Reporting Units: mg/kg

Batch #: 1

BLANK / BLANK SPIKE RECOVERY STUDY

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

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

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



BS / BSD Recoveries

Project Name: EOG Resources

Work Order #: 292773

Analyst: SHE

Date Prepared: 11/13/2007

Project ID:

Date Analyzed: 11/13/2007

Lab Batch ID: 708454

Sample: 501449-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

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
Analytes											
C6-C12 Gasoline Range Hydrocarbons	ND	1000	1010	101	1000	941	94	7	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	904	90	1000	850	85	6	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: EOG Resources

Work Order #: 292773

Project ID:

Lab Batch ID: 708454

QC- Sample ID: 292773-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 11/14/2007

Date Prepared: 11/13/2007

Analyst: SHE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod 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	1260	1180	94	1260	1160	92	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	31.9	1260	1160	90	1260	1180	91	1	70-135	35	

Lab Batch ID: 708227

QC- Sample ID: 292771-002 S

Batch #: 1 Matrix: Soil

Date Analyzed: 11/09/2007

Date Prepared: 11/09/2007

Analyst: IRO

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Total Chloride by EPA 325.3 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	468	2000	2420	98	2000	2420	98	0	75-125	30	

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

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

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



Sample Duplicate Recovery

Project Name: EOG Resources

Work Order #: 292773

Lab Batch #: 708257

Date Analyzed: 11/09/2007

QC- Sample ID: 292753-021 D

Reporting Units: %

Project ID:

Analyst: RBA

Date Prepared: 11/09/2007

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	6.53	6.04	8	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

A Xanco Laboratories Company

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12800 West I-20 East
Odessa, Texas 79765Phone: 432-563-1800
Fax: 432-563-1713Project Manager: Logan AndersonCompany Name: Elke EnvironmentalCompany Address: P O Box 14167City/State/Zip: Odessa, TX 79768Telephone No: 432-366-0045Sampler Signature: [Signature]Fax No: 432-366-0884e-mail: la_elkeenv@yahoo.comProject Name: E06 Resources

Project #:

Project Loc: Tiber A 5 Fee #1H

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)

ORDER #: 292713

ORDER #: 292773				Preservation & # of Containers										Matrix										Analyze For:										RUSH TAT (Per Specimen) 24, 48, 72 hrs																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Per Filtered	Total # of Containers	Is	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ SO ₄	None	Other (Specify)	Off-Gassing Vials - 20-ml/eq	COP - Groundwater - Sedimental	Unpreservable - Special Order	TPH, 418.1 (EPA) 90159	TPH, TX 1005	TX 1008	Calgon (Ch. App. Int. 12)	Antoni (EPA, Albany)	SAR/ESP /SEC	Monitor for Ag Ba Cd Cr Pb Hg Se	Vegetables	Soil/bedrock	BTEX 9001/90025 or 912.5 (EPA)	HCl	N O.R.M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Special Instructions:

Relinquished by: <u>[Signature]</u>	Date: <u>11-9-07</u>	Time: <u>11:14</u>	Received by:	Date:	Time:	Laboratory Comments: Sample Containers Intact? <u>N</u> VOCs Free of Headspace? <u>N</u> Labels on container(s) <u>N</u> Custody seals on container(s) <u>N</u> Custody seals on cooler(s) <u>N</u> Sample Hand Delivered by Sampler/Client Rep? <u>N</u> by Courier? <u>UPS</u> <u>DHL</u> <u>FedEx</u> <u>Lone Star</u> Temperature Upon Receipt: <u>40</u> °C
Relinquished by:	Date:	Time:	Received by:	Date:	Time:	
Relinquished by:	Date:	Time:	Received by: <u>Andrea Sam</u>	Date: <u>11-9-07</u>	Time: <u>11:14</u>	

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

Client. Eike Env.
Date/ Time 11 7 07 11:14
Lab ID # 292773
Initials GL

Sample Receipt Checklist

				Client Initials	
#1	Temperature of container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>40</u>	<u>°C</u>
#2	Shipping container in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#3	Custody Seals intact on shipping container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Not Present</u>	
#4	Custody Seals intact on sample bottles/ container?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Not Present</u>	
#5	Chain of Custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#6	Sample instructions complete of Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#7	Chain of Custody signed when relinquished/ received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#8	Chain of Custody agrees with sample label(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#11	Containers supplied by ELDT?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#12	Samples in proper container/ bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#13	Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#14	Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#15	Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#16	Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#17	Sufficient sample amount for indicated test(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#18	All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#19	Subcontract of sample(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Not Applicable</u>	
#20	VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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