

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 ☒

Final Report

Operator: <u>EOG Resources, Inc.</u> Telephone: <u>432-6863600</u> e-mail address: <u>Bgrigry@msn.com</u>		
Address: <u>P O Box 2267 Midland, TX 79702</u>		
Facility or well name: <u>Meramec A4 Fee #1H</u> API #: <u>30-015-35380</u> U/L or Qtr/Qtr <u>A</u> Sec <u>4</u> T <u>16S</u> R <u>25E</u>		
County: <u>Eddy</u> Latitude _____ Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
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 <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>10300</u> 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) XXX (10 points) (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 No	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) XXX (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 capped with a 20 mil impervious liner. 5 bottom sample points were analyzed and meet NMOCD standards. The site was then backfilled with clean native soil and contoured to the 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: 1/8/08

Printed Name/Title Beth Grigry 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: JAN 14 2008

Closure Report

JAN -9 2008
OCD-ARTESIA

Prepared for
EOG Resources

Meramec A 4 Fee #1H
API # 30-015-35380
Eddy County, NM

Prepared by
Elke Environmental, Inc.

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

Elke Environmental, Inc.

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

December 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 – Meramec A4 Fee #1H
UL 'A' Sec. 4 T16S R25E Eddy County, NM
API # 30-015-35380

Mr. Mike Bratcher,

Elke Environmental was contracted by EOG Resources to complete the closure of the Meramec A4 Fee #1H drilling pit. As per the C-144 filed and signed by Mike Bratcher on 11-8-07 a burial pit was constructed and lined with 12 mil liner. The drilling mud was mixed with Elke Environmental Solidification Product at a 20(mud) : 1(product) ratio and placed in the burial pit. The burial pit was capped with a 20 mil impervious liner then backfilled with clean native soil. 5 bottom points were analyzed and all points met NMOCD standards. The drilling pit was 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,

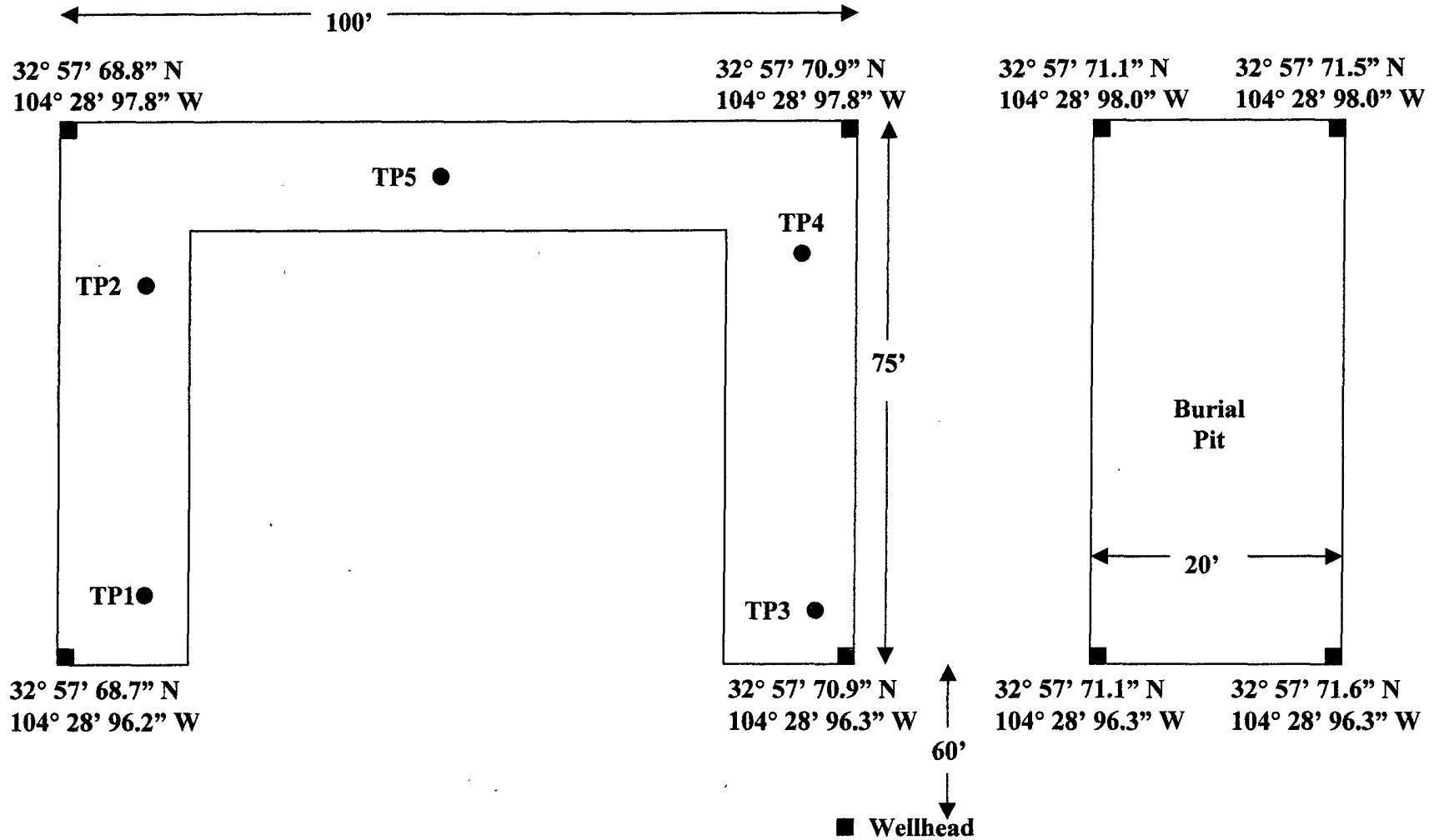


Logan Anderson

EOG Resources
Meramec A4 Fee #1H



Plat Map



P.O. Box 14167 Odessa, TX 79768

Client EOG Resources

Analyst Jason Jessup

Site Meramec A 4 Fee #1H

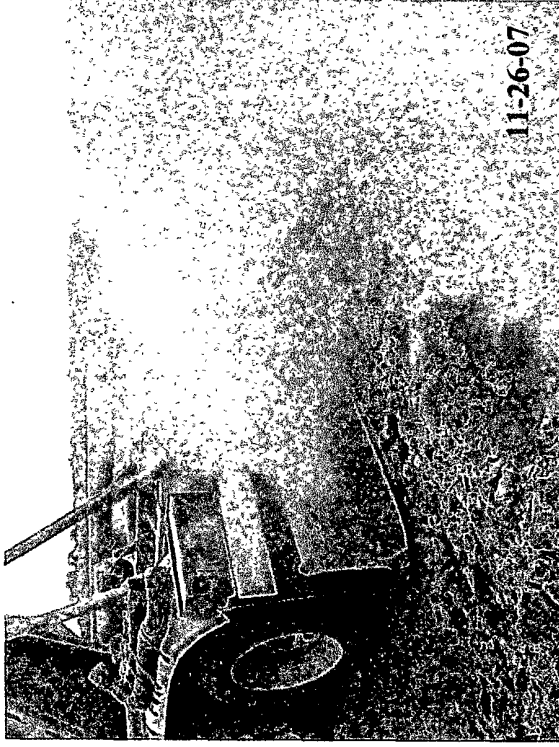
[illegible]

Analyst Notes

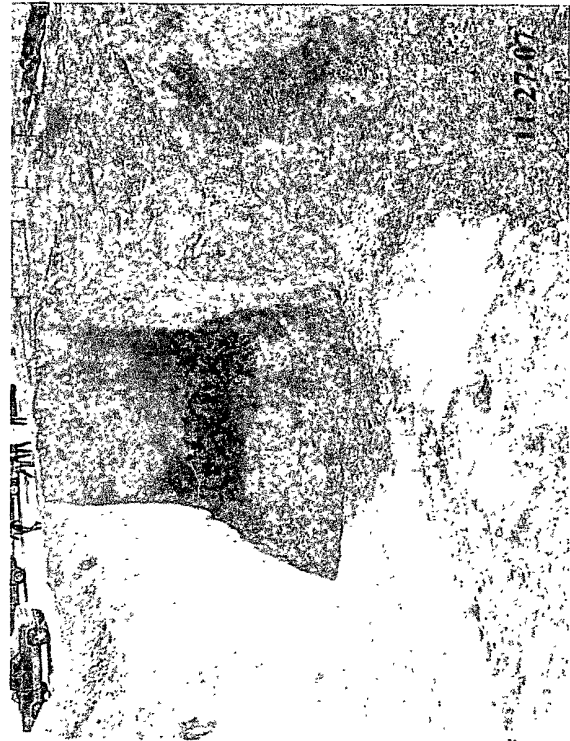
EOG Resources – Meramec A 4 Fee #1H



Drilling pit before closure.



Delivery of Elke Environmental Solidification Product.



Burial pit after excavation.



Burial pit after installing a 12 mil impervious liner.

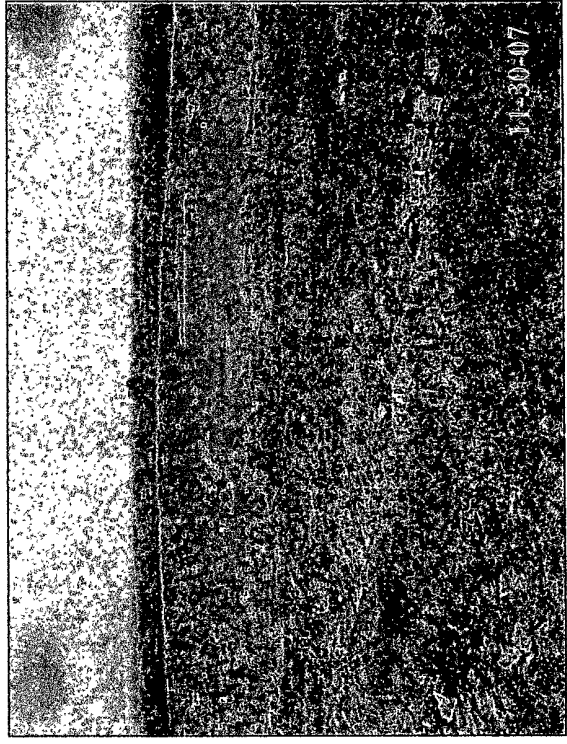
EOG Resources – Meramec A 4 Fee #1H



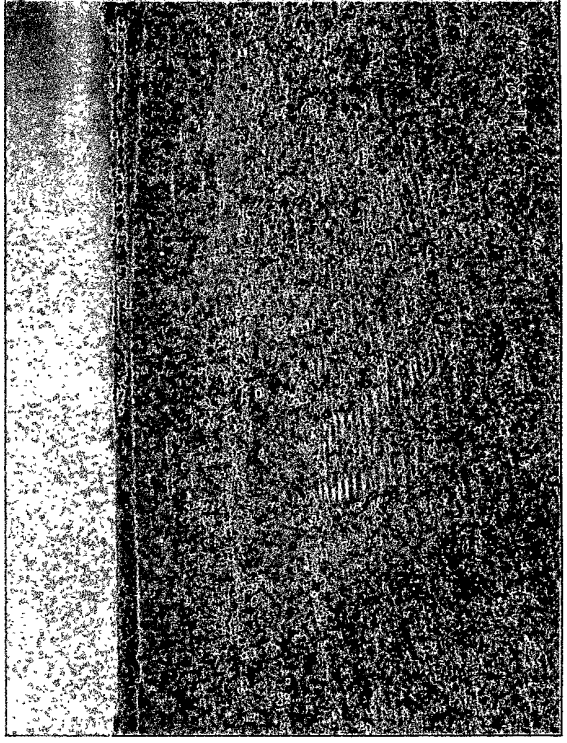
Mixing Elke Solidification Product with drilling mud.



20 mil impervious cap on the burial pit.



Site after backfill and contouring.



Site after backfill and contouring.

Analytical Report 293827

for

Elke Environmental, Inc.

Project Manager: Logan Anderson

EOG Resouces

04-DEC-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



04-DEC-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: **293827**
EOG Resources
Project Address: Meramec A4 FEE # 1H

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 293827. 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. 293827 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 293827

Elke Environmental, Inc., Odessa, TX

EOG Resouces

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TP #1 @ 12'	S	Nov-28-07 00:00	12 ft	293827-001
TP #2 @ 12'	S	Nov-28-07 00:00	12	293827-002
TP #3 @ 14'	S	Nov-28-07 00:00	12	293827-003
TP #4 @ 12'	S	Nov-28-07 00:00	12	293827-004
TP #5 @ 12'	S	Nov-28-07 00:00	12 ft	293827-005



Certificate of Analysis Summary 293827

Elke Environmental, Inc., Odessa, TX

Project Name: EOG Resources

Project Id:

Contact: Logan Anderson

Project Location: Meramec A4 FEE # 1H

Date Received in Lab: Fri Nov-30-07 04:21 pm

Report Date: 04-DEC-07


Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	293827-001	293827-002	293827-003	293827-004	293827-005	
	Field Id:	TP #1 @ 12'	TP #2 @ 12'	TP #3 @ 14'	TP #4 @ 12'	TP #5 @ 12'	
	Depth:	12 ft	12	12	12	12 ft	
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sampled:	Nov-28-07 00:00	Nov-28-07 00:00	Nov-28-07 00:00	Nov-28-07 00:00	Nov-28-07 00:00	
Percent Moisture	Extracted:						
	Analyzed:	Dec-03-07 14:27	Dec-03-07 14:27	Dec-03-07 14:27	Dec-03-07 14:27	Dec-03-07 14:27	
	Units/RL:	% RL	% RL	% RL	% RL	% RL	
Percent Moisture		9.80 1.00	16.1 1.00	14.3 1.00	7.68 1.00	12.7 1.00	
TPH by SW8015 Mod	Extracted:	Dec-04-07 11:05	Dec-03-07 15:25	Dec-03-07 15:25	Dec-03-07 15:25	Dec-03-07 15:25	
	Analyzed:	Dec-04-07 14:51	Dec-03-07 19:40	Dec-03-07 20:07	Dec-03-07 20:34	Dec-03-07 21:01	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
C6-C12 Gasoline Range Hydrocarbons		ND 16.6	ND 17.9	ND 17.5	ND 16.2	ND 17.2	
C12-C28 Diesel Range Hydrocarbons		ND 16.6	ND 17.9	ND 17.5	ND 16.2	ND 17.2	
C28-C35 Oil Range Hydrocarbons		ND 16.6	ND 17.9	ND 17.5	ND 16.2	ND 17.2	
Total TPH		ND	ND	ND	ND	ND	
Total Chloride by EPA 325.3	Extracted:						
	Analyzed:	Dec-01-07 13:30	Dec-01-07 13:30	Dec-01-07 13:30	Dec-01-07 13:30	Dec-01-07 13:30	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Chloride		85.1 5.00	42.5 5.00	170 5.00	170 5.00	85.1 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.

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

Version 1 006


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 #: 293827

Project ID:

Lab Batch #: 709696

Sample: 293827-002 / 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	101	100	101	70-135	
o-Terphenyl	55.2	50.0	110	70-135	

Lab Batch #: 709696

Sample: 293827-003 / 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	94.4	100	94	70-135	
o-Terphenyl	51.6	50.0	103	70-135	

Lab Batch #: 709696

Sample: 293827-004 / 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	105	100	105	70-135	
o-Terphenyl	57.2	50.0	114	70-135	

Lab Batch #: 709696

Sample: 293827-005 / 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	101	100	101	70-135	
o-Terphenyl	55.1	50.0	110	70-135	

Lab Batch #: 709696

Sample: 502114-1-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	121	100	121	70-135	
o-Terphenyl	59.6	50.0	119	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 #: 293827

Project ID:

Lab Batch #: 709696

Sample: 502114-1-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	106	100	106	70-135	
o-Terphenyl	58.7	50.0	117	70-135	

Lab Batch #: 709696

Sample: 502114-1-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	108	100	108	70-135	
o-Terphenyl	52.3	50.0	105	70-135	

Lab Batch #: 709717

Sample: 293827-001 / 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	103	100	103	70-135	
o-Terphenyl	55.3	50.0	111	70-135	

Lab Batch #: 709717

Sample: 502142-1-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	601	100	601	70-135	*
o-Terphenyl	288	50.0	576	70-135	*

Lab Batch #: 709717

Sample: 502142-1-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	521	100	521	70-135	*
o-Terphenyl	285	50.0	570	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 #: 293827

Project ID:

Lab Batch #: 709717

Sample: 502142-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	599	100	599	70-135	*
o-Terphenyl	288	50.0	576	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.

Version: 1 006



Blank Spike Recovery

Project Name: EOG Resouces

Work Order #: 293827

Project ID:

Lab Batch #: 709561

Sample: 709561-1-BKS

Matrix: Solid

Date Analyzed: 12/01/2007

Date Prepared: 12/01/2007

Analyst: IRO

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Total Chloride by EPA 325.3 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	75-125	

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

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

Version: 1.006



BS / BSD Recoveries

Project Name: EOG Resources

Work Order #: 293827

Analyst: ASA

Date Prepared: 12/03/2007

Project ID:

Date Analyzed: 12/03/2007

Lab Batch ID: 709696

Sample: 502114-1-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	830	83	1000	768	77	8	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	813	81	1000	755	76	7	70-135	35	

Analyst: ASA

Date Prepared: 12/04/2007

Date Analyzed: 12/04/2007

Lab Batch ID: 709717

Sample: 502142-1-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	4360	436	1000	4140	414	5	70-135	35	H
C12-C28 Diesel Range Hydrocarbons	ND	1000	4290	429	1000	4030	403	6	70-135	35	H

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 # 293827

Project ID:

Lab Batch ID: 709561

QC- Sample ID: 293827-004 S

Batch #: 1 Matrix: Soil

Date Analyzed: 12/01/2007

Date Prepared: 12/01/2007

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	170	2000	2170	100	2000	2170	100	0	75-125	30	

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

Version: 1.006



Sample Duplicate Recovery

Project Name: EOG Resources

Work Order #: 293827

Lab Batch #: 709659

Date Analyzed: 12/03/2007

QC- Sample ID: 293827-001 D

Reporting Units: %

Date Prepared: 12/03/2007

Batch #: 1

Project ID:

Analyst: IRO

Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	9.80	9.91	1	20	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$

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

Version: 1.006

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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 ☒

NOV 08 2007

OCD-ARTESIA

Operator: <u>EOG Resources, Inc.</u> Telephone: <u>432-6863600</u> e-mail address: <u>Berigry@msn.com</u>		
Address: <u>P O Box 2267 Midland, TX 79702</u>		
Facility or well name: <u>Meramec A4 Fee #1H</u>	API #: <u>30-015-35380</u>	U/L or Qtr/Qtr <u>A</u> Sec <u>4</u> T <u>16S</u> R <u>25E</u>
County: <u>Eddy</u>	Latitude _____	Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input checked="" type="checkbox"/>		
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 <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>10300</u> 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) XXX (10 points) (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 No	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) XXX (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 will be constructed and lined with a 12mil impervious liner. The drilling pit contents will be 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 will be capped with a 20 mil impervious liner then the site will be Backfilled with clean native soil and contoured to the area.
<u>Solidification</u>
NMOCD Artesia will be given 48 hrs. notice.

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: 11-8-07

Printed Name/Title Logan Anderson - Agent

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: _____

Signature

Signed By [Signature]

Date: NOV 08 2007

NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses submitted to OCD prior to back-filling.