

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

Final Report

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: <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 B4 Fee #2H</u> API #: <u>30-015-35381</u> U/L or Qtr/Qtr <u>H</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 12mil 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 then backfilled with clean Native soil. After all drilling mud and liner was removed 5 bottom sample points were analyzed, and all points meet NMOCD standards except two points. As per Tim Gum Those points were capped with a 20 mil impervious liner then the drilling pit was 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: _____

Printed Name/Title _____

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 _____

Signed By _____

Date: OCT 12 2007

Elke Environmental, Inc.

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

OCT 10 2007
OCD-ARTESIA

September 24, 2007

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

Re: Drilling Pit Closure of EOG Resources – Meramec B4 Fee #2H
UL 'H' Sec. 4 T16S R25E Eddy County
API # 30-015-35381

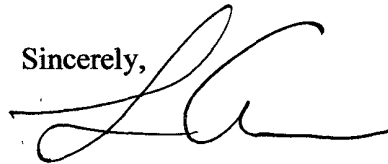
Mr. Brett Grigry,

Enclosed is the closure report for the Meramec B4 Fee #2H. 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,

A handwritten signature in black ink, appearing to be 'LA' with a long horizontal stroke extending to the right.

Logan Anderson

Closure Report

Prepared for
EOG Resources

Meramec B4 Fee #2H
API # 30-015-35381
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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September 24, 2007

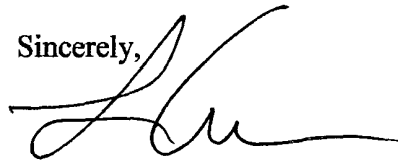
New Mexico Oil Conservation Division
Mr. Mike Bratcher
1301 West Grand Ave.
Artesia, New Mexico 88210

Re: Drilling Pit Closure of EOG Resources – Meramec B4 Fee #2H
UL 'H' Sec. 4 T16S R25E Eddy County, NM
API # 30-015-35381

Mr. Mike Bratcher,

Elke Environmental was contracted by EOG Resources to complete the closure of the Meramec B4 Fee #2H drilling pit. As per the C-144 filed and signed by Mike Bratcher on 8-6-07 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 two points did not meet NMOCD standards. As per the conversation between Kim Baker with Elke and Tim Gum with NMOCD on 9-11-07 those points were capped with a 20 mil impervious liner. 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,

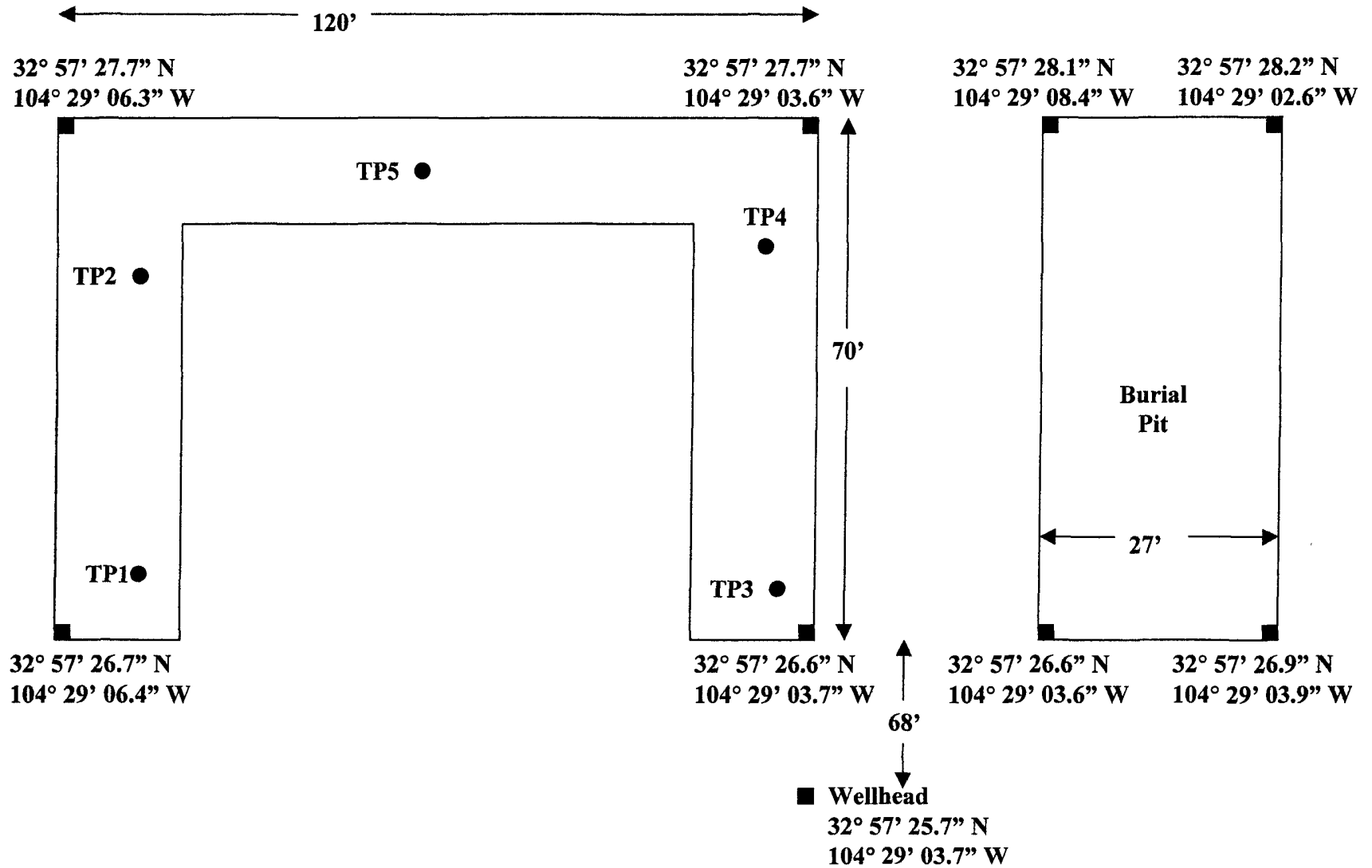


Logan Anderson

EOG Resources
Meramec B4 Fee #2H



Plat Map



EOG Resources – Meramec B4 Fee #2H



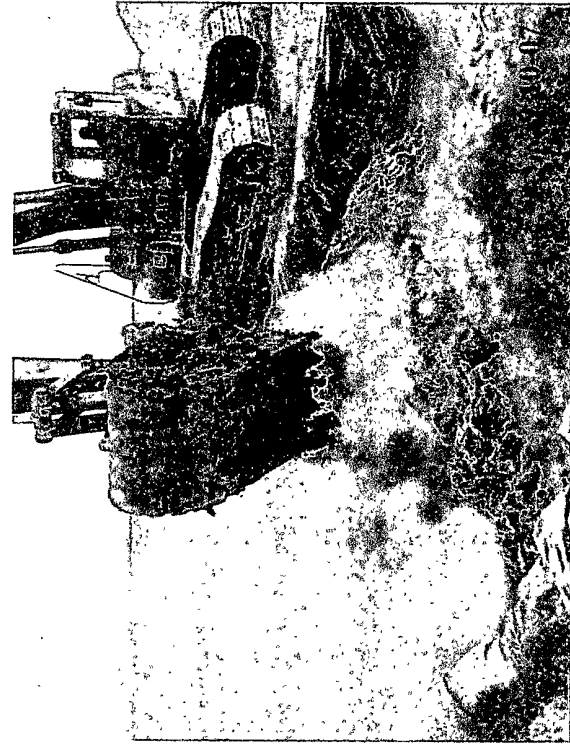
Drilling pit before closure.



Burial pit before 12 mil liner.

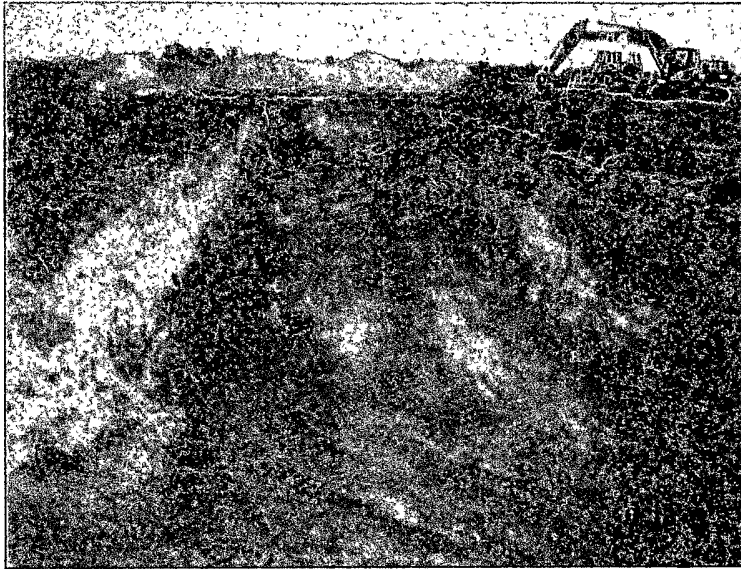


12 mil liner for burial pit of solidified mud.



Drilling mud being solidified at 20 : 1 ratio.

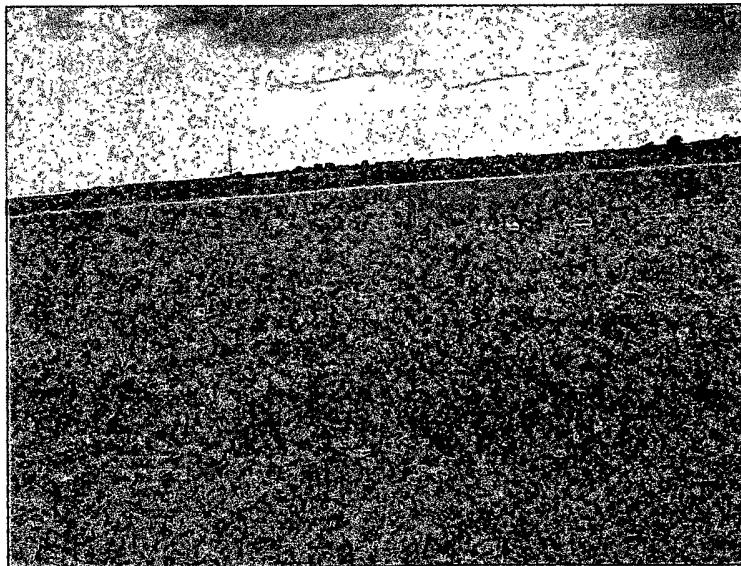
EOG Resources – Meramec B4 Fee #2H



Drilling pit after removal of drilling mud and liner.



20 mil cap on bottom point that did not meet NMOCD standards.



Drilling pit and burial pit after backfill and contour.



Drilling pit and burial pit after backfill and contour.

Analytical Report 289815

for

Elke Environmental, Inc.

Project Manager: Kim Baker

EOG Resources

20-SEP-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



20-SEP-07

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

Reference: XENCO Report No: **289815**
EOG Resources
Project Address: Meramec B4 Fee # 2 H

Kim Baker:

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 289815. 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. 289815 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

Odessa Laboratory Director

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Sample Cross Reference 289815



Elke Environmental, Inc., Odessa, TX

EOG Resources

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TP1	S	Sep-11-07 11:00	10 ft	289815-001
TP2	S	Sep-11-07 10:00	10 ft	289815-002
TP3	S	Sep-11-07 09:30	10 ft	289815-003
TP4	S	Sep-11-07 08:00	10 ft	289815-004
TP5	S	Sep-11-07 09:00	10 ft	289815-005



Certificate of Analysis Summary 289815

Elke Environmental, Inc., Odessa, TX

Project Name: EOG Resources



Project Id:

Contact: Kim Baker

Project Location: Meramec B4 Fee # 2 H

Date Received in Lab: Tue Sep-18-07 02:15 pm


Report Date: 20-SEP-07

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	289815-001	289815-002	289815-003	289815-004	289815-005	
	Field Id:	TP1	TP2	TP3	TP4	TP5	
	Depth:	10 ft	10 ft	10 ft	10 ft	10 ft	
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sampled:	Sep-11-07 11:00	Sep-11-07 10:00	Sep-11-07 09:30	Sep-11-07 08:00	Sep-11-07 09:00	
Percent Moisture	Extracted:						
	Analyzed:	Sep-18-07 15:15	Sep-18-07 15:15	Sep-18-07 15:15	Sep-18-07 15:15	Sep-18-07 15:15	
	Units/RL:	% RL	% RL	% RL	% RL	% RL	
Percent Moisture		25.0 1.00	17.4 1.00	12.1 1.00	ND 1.00	6.72 1.00	
TPH by SW8015 Mod	Extracted:	Sep-19-07 15:38	Sep-19-07 15:38	Sep-19-07 15:38	Sep-19-07 15:38	Sep-19-07 15:38	
	Analyzed:	Sep-19-07 22:46	Sep-19-07 23:14	Sep-19-07 23:41	Sep-20-07 00:07	Sep-20-07 00:33	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
C6-C12 Gasoline Range Hydrocarbons		ND 13.3	ND 24.2	ND 11.4	ND 10.1	ND 10.7	
C12-C28 Diesel Range Hydrocarbons		ND 13.3	42.9 24.2	ND 11.4	ND 10.1	ND 10.7	
C28-C35 Oil Range Hydrocarbons		ND 13.3	ND 24.2	ND 11.4	ND 10.1	ND 10.7	
Total TPH		ND	42.9	ND	ND	ND	
Total Chloride by EPA 325.3	Extracted:						
	Analyzed:	Sep-19-07 09:27	Sep-19-07 09:27	Sep-19-07 09:27	Sep-19-07 09:27	Sep-19-07 09:27	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Chloride		2980 6.66	116 6.05	72.5 5.69	1700 5.05	274 5.36	

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


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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11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
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

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

Work Order #: 289815

Project ID:

Lab Batch #: 704657

Sample: 289703-002 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-Chlorooctadecane	40.5	50.0	81	70-135	
1-Chlorooctane	52.1	50.0	104	70-135	

Lab Batch #: 704657

Sample: 289703-002 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-Chlorooctadecane	42.6	50.0	85	70-135	
1-Chlorooctane	56.3	50.0	113	70-135	

Lab Batch #: 704657

Sample: 289815-001 / 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-Chlorooctadecane	38.3	50.0	77	70-135	
1-Chlorooctane	44.6	50.0	89	70-135	

Lab Batch #: 704657

Sample: 289815-002 / 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-Chlorooctadecane	32.6	50.0	65	70-135	**
1-Chlorooctane	39.2	50.0	78	70-135	

Lab Batch #: 704657

Sample: 289815-003 / 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-Chlorooctadecane	40.1	50.0	80	70-135	
1-Chlorooctane	46.8	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.



Form 2 - Surrogate Recoveries

Project Name: EOG Resources



Work Order #: 289815

Project ID:

Lab Batch #: 704657

Sample: 289815-004 / 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-Chlorooctadecane	40.0	50.0	80	70-135	
1-Chlorooctane	44.9	50.0	90	70-135	

Lab Batch #: 704657

Sample: 289815-005 / 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-Chlorooctadecane	38.5	50.0	77	70-135	
1-Chlorooctane	44.6	50.0	89	70-135	

Lab Batch #: 704657

Sample: 499515-1-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-Chlorooctadecane	44.4	50.0	89	70-135	
1-Chlorooctane	60.5	50.0	121	70-135	

Lab Batch #: 704657

Sample: 499515-1-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-Chlorooctadecane	40.1	50.0	80	70-135	
1-Chlorooctane	47.5	50.0	95	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.

Project Name: EOG Resources

Work Order #: 289815

Project ID:

Lab Batch #: 704657

Sample: 499515-1-BKS

Matrix: Solid

Date Analyzed: 09/19/2007

Date Prepared: 09/19/2007

Analyst: SHE

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
C6-C12 Gasoline Range Hydrocarbons	ND	500	586	117	70-135	
C12-C28 Diesel Range Hydrocarbons	ND	500	517	103	70-135	

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

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



Form 3 - MS / MSD Recoveries



Project Name: EOG Resources

Work Order # 289815

Project ID:

Lab Batch ID: 704657

QC- Sample ID: 289703-002 S

Batch #: 1 Matrix: Soil

Date Analyzed: 09/20/2007

Date Prepared: 09/19/2007

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	538	569	106	538	588	109	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	538	486	90	538	495	92	2	70-135	35	

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



Sample Duplicate Recovery



Project Name: EOG Resources

Work Order #: 289815

Lab Batch #: 704543
Date Analyzed: 09/18/2007
QC- Sample ID: 289815-005 D
Reporting Units: %

Project ID:
Date Prepared: 09/18/2007
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	6.72	6.78	1	20	

Lab Batch #: 704547
Date Analyzed: 09/18/2007
QC- Sample ID: 289782-001 D
Reporting Units: %

Date Prepared: 09/18/2007
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	4.14	3.26	24	20	F

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 Xenco Laboratories Company

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12800 West I-20 East
Odessa, Texas 79765

Phone: 432-863-1800
Fax: 432-863-1713

Project Manager Kim Baker
Company Name Elke Environmental
Company Address P O Box 14167
City/State/Zip Odessa, TX 79768
Telephone No: 432-366-0043 Fax No: 432-366-0884
Sampler Signature [Signature] e-mail: kb.elkeen@yahoo.com

Project Name: EOB Resources
Project #:
Project Loc: ALKA-MC B4 FEE #2 H
PO #:

Report Format: ☐ Standard ☐ TRRP ☐ NPOES

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers										Matrix										Analysis For										TCLP		TOTAL		RUSH TAT (Pre-Standard) 24, 48, 72 hrs																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
LAB #	LAB #									Ice	HNO ₃	HCl	H ₂ SO ₄	H ₂ O ₂	NaOH	Na ₂ PO ₃	None	Other (Specify)	Unfiltered Water (Storage)	SW - Occurrence Indicator	Unfiltered Water (Storage)	SW - Occurrence Indicator	TPH	418.1	TPH	TX 1005	TX 1006	TX 1007	TX 1008	TX 1009	TX 1010	TX 1011	TX 1012	TX 1013	TX 1014	TX 1015	TX 1016	TX 1017	TX 1018	TX 1019	TX 1020	TX 1021	TX 1022	TX 1023	TX 1024	TX 1025	TX 1026	TX 1027	TX 1028	TX 1029	TX 1030	TX 1031	TX 1032	TX 1033	TX 1034	TX 1035	TX 1036	TX 1037	TX 1038	TX 1039	TX 1040	TX 1041	TX 1042	TX 1043	TX 1044	TX 1045	TX 1046	TX 1047	TX 1048	TX 1049	TX 1050	TX 1051	TX 1052	TX 1053	TX 1054	TX 1055	TX 1056	TX 1057	TX 1058	TX 1059	TX 1060	TX 1061	TX 1062	TX 1063	TX 1064	TX 1065	TX 1066	TX 1067	TX 1068	TX 1069	TX 1070	TX 1071	TX 1072	TX 1073	TX 1074	TX 1075	TX 1076	TX 1077	TX 1078	TX 1079	TX 1080	TX 1081	TX 1082	TX 1083	TX 1084	TX 1085	TX 1086	TX 1087	TX 1088	TX 1089	TX 1090	TX 1091	TX 1092	TX 1093	TX 1094	TX 1095	TX 1096	TX 1097	TX 1098	TX 1099	TX 1100	TX 1101	TX 1102	TX 1103	TX 1104	TX 1105	TX 1106	TX 1107	TX 1108	TX 1109	TX 1110	TX 1111	TX 1112	TX 1113	TX 1114	TX 1115	TX 1116	TX 1117	TX 1118	TX 1119	TX 1120	TX 1121	TX 1122	TX 1123	TX 1124	TX 1125	TX 1126	TX 1127	TX 1128	TX 1129	TX 1130	TX 1131	TX 1132	TX 1133	TX 1134	TX 1135	TX 1136	TX 1137	TX 1138	TX 1139	TX 1140	TX 1141	TX 1142	TX 1143	TX 1144	TX 1145	TX 1146	TX 1147	TX 1148	TX 1149	TX 1150	TX 1151	TX 1152	TX 1153	TX 1154	TX 1155	TX 1156	TX 1157	TX 1158	TX 1159	TX 1160	TX 1161	TX 1162	TX 1163	TX 1164	TX 1165	TX 1166	TX 1167	TX 1168	TX 1169	TX 1170	TX 1171	TX 1172	TX 1173	TX 1174	TX 1175	TX 1176	TX 1177	TX 1178	TX 1179	TX 1180	TX 1181	TX 1182	TX 1183	TX 1184	TX 1185	TX 1186	TX 1187	TX 1188	TX 1189	TX 1190	TX 1191	TX 1192	TX 1193	TX 1194	TX 1195	TX 1196	TX 1197	TX 1198	TX 1199	TX 1200	TX 1201	TX 1202	TX 1203	TX 1204	TX 1205	TX 1206	TX 1207	TX 1208	TX 1209	TX 1210	TX 1211	TX 1212	TX 1213	TX 1214	TX 1215	TX 1216	TX 1217	TX 1218	TX 1219	TX 1220	TX 1221	TX 1222	TX 1223	TX 1224	TX 1225	TX 1226	TX 1227	TX 1228	TX 1229	TX 1230	TX 1231	TX 1232	TX 1233	TX 1234	TX 1235	TX 1236	TX 1237	TX 1238	TX 1239	TX 1240	TX 1241	TX 1242	TX 1243	TX 1244	TX 1245	TX 1246	TX 1247	TX 1248	TX 1249	TX 1250	TX 1251	TX 1252	TX 1253	TX 1254	TX 1255	TX 1256	TX 1257	TX 1258	TX 1259	TX 1260	TX 1261	TX 1262	TX 1263	TX 1264	TX 1265	TX 1266	TX 1267	TX 1268	TX 1269	TX 1270	TX 1271	TX 1272	TX 1273	TX 1274	TX 1275	TX 1276	TX 1277	TX 1278	TX 1279	TX 1280	TX 1281	TX 1282	TX 1283	TX 1284	TX 1285	TX 1286	TX 1287	TX 1288	TX 1289	TX 1290	TX 1291	TX 1292	TX 1293	TX 1294	TX 1295	TX 1296	TX 1297	TX 1298	TX 1299	TX 1300	TX 1301	TX 1302	TX 1303	TX 1304	TX 1305	TX 1306	TX 1307	TX 1308	TX 1309	TX 1310	TX 1311	TX 1312	TX 1313	TX 1314	TX 1315	TX 1316	TX 1317	TX 1318	TX 1319	TX 1320	TX 1321	TX 1322	TX 1323	TX 1324	TX 1325	TX 1326	TX 1327	TX 1328	TX 1329	TX 1330	TX 1331	TX 1332	TX 1333	TX 1334	TX 1335	TX 1336	TX 1337	TX 1338	TX 1339	TX 1340	TX 1341	TX 1342	TX 1343	TX 1344	TX 1345	TX 1346	TX 1347	TX 1348	TX 1349	TX 1350	TX 1351	TX 1352	TX 1353	TX 1354	TX 1355	TX 1356	TX 1357	TX 1358	TX 1359	TX 1360	TX 1361	TX 1362	TX 1363	TX 1364	TX 1365	TX 1366	TX 1367	TX 1368	TX 1369	TX 1370	TX 1371	TX 1372	TX 1373	TX 1374	TX 1375	TX 1376	TX 1377	TX 1378	TX 1379	TX 1380	TX 1381	TX 1382	TX 1383	TX 1384	TX 1385	TX 1386	TX 1387	TX 1388	TX 1389	TX 1390	TX 1391	TX 1392	TX 1393	TX 1394	TX 1395	TX 1396	TX 1397	TX 1398	TX 1399	TX 1400	TX 1401	TX 1402	TX 1403	TX 1404	TX 1405	TX 1406	TX 1407	TX 1408	TX 1409	TX 1410	TX 1411	TX 1412	TX 1413	TX 1414	TX 1415	TX 1416	TX 1417	TX 1418	TX 1419	TX 1420	TX 1421	TX 1422	TX 1423	TX 1424	TX 1425	TX 1426	TX 1427	TX 1428	TX 1429	TX 1430	TX 1431	TX 1432	TX 1433	TX 1434	TX 1435	TX 1436	TX 1437	TX 1438	TX 1439	TX 1440	TX 1441	TX 1442	TX 1443	TX 1444	TX 1445	TX 1446	TX 1447	TX 1448	TX 1449	TX 1450	TX 1451	TX 1452	TX 1453	TX 1454	TX 1455	TX 1456	TX 1457	TX 1458	TX 1459	TX 1460	TX 1461	TX 1462	TX 1463	TX 1464	TX 1465	TX 1466	TX 1467	TX 1468	TX 1469	TX 1470	TX 1471	TX 1472	TX 1473	TX 1474	TX 1475	TX 1476	TX 1477	TX 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1853	TX 1854	TX 1855	TX 1856	TX 1857	TX 1858	TX 1859	TX 1860	TX 1861	TX 1862	TX 1863	TX 1864	TX 1865	TX 1866	TX 1867	TX 1868	TX 1869	TX 1870	TX 1871	TX 1872	TX 1873	TX 1874	TX 1875	TX 1876	TX 1877	TX 1878	TX 1879	TX 1880	TX 1881	TX 1882	TX 1883	TX 1884	TX 1885	TX 1886	TX 1887	TX 1888	TX 1889	TX 1890	TX 1891	TX 1892	TX 1893	TX 1894	TX 1895	TX 1896	TX 1897	TX 1898	TX 1899	TX 1900	TX 1901	TX 1902	TX 1903	TX 1904	TX 1905	TX 1906	TX 1907	TX 1908	TX 1909	TX 1910	TX 1911	TX 1912	TX 1913	TX 1914	TX 1915	TX 1916	TX 1917	TX 1918	TX 1919	TX 1920	TX 1921	TX 1922	TX 1923	TX 1924	TX 1925	TX 1926	TX 1927	TX 1928	TX 1929	TX 1930	TX 1931	TX 1932	TX 1933	TX 1934	TX 1935	TX 1936	TX 1937	TX 1938	TX 1939	TX 1940	TX 1941	TX 1942	TX 1943	TX 1944	TX 1945	TX 1946	TX 1947	TX 1948	TX 1949	TX

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

Client: Eike Env.
Date/ Time: 9-18-07 2:15
Lab ID #: 287815
Initials: AL

Sample Receipt Checklist

			Client Initials
#1 Temperature of container/ cooler?	<u>Yes</u>	No	<u>4.5 °C</u>
#2 Shipping container in good condition?	<u>Yes</u>	No	
#3 Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	<u>(Not Present)</u>
#4 Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	Not Present
#5 Chain of Custody present?	<u>Yes</u>	No	
#6 Sample Instructions complete of Chain of Custody?	<u>Yes</u>	No	
#7 Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No	
#8 Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont./ Lid
#9 Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable
#10 Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No	
#11 Containers supplied by ELDT?	<u>Yes</u>	No	
#12 Samples in proper container/ bottle?	<u>Yes</u>	No	See Below
#13 Samples properly preserved?	<u>Yes</u>	No	See Below
#14 Sample bottles intact?	<u>Yes</u>	No	
#15 Preservations documented on Chain of Custody?	<u>Yes</u>	No	
#16 Containers documented on Chain of Custody?	<u>Yes</u>	No	
#17 Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below
#18 All samples received within sufficient hold time?	<u>Yes</u>	No	See Below
#19 Subcontract of sample(s)?	<u>Yes</u>	No	<u>Not Applicable</u>
#20 VOC samples have zero headspace?	<u>Yes</u>	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

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

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 ☒

AUG 02 2007
OCD-ARTESIA

Operator: EOG Resources, Inc. Telephone: 432-6863600 e-mail address: Bgrigry@msn.com
Address: P O Box 2267 Midland, TX 79702
Facility or well name: Meramec B4 Fee #2H API #: 30-015-35381 U/L or Qtr/Qtr H Sec 4 T 16S R 25E
County: Eddy Latitude _____ Longitude _____ 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 <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 (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 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. After all mixed contents are placed in the burial pit, the contents will be 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. The burial pit will then be covered with clean native soil and doomed to prevent pooling. A final report will be given at the end of the job.

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.

NMOCD Artesia will be notified 48 hrs before work starts.

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: 8-1-07

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:

If pit is situated in an agricultural area pit contents MUST be hauled.

If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to lining trench.

Signature Signed By [Signature]

Date: AUG 06 2007

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