

**TETRA TECH**

August 11, 2025

Mr. Joel Stone  
 Environmental Specialist  
 New Mexico Oil Conservation Division  
 1220 South St. Francis Drive  
 Santa Fe, New Mexico 87505

VIA ELECTRONIC SUBMITTAL

**Re: Temporary Pit Closure Report**  
**SND Javelina Unit P409 (409H, 410H, 411H, 412H)**  
**BLM Lease No. USA NMNM 029234, 070895**  
**Section 10 of T24S, R31E**  
**Eddy County, New Mexico**  
**Facility ID: fVV2210434389**

Dear Mr. Stone,

Tetra Tech, Inc. (Tetra Tech) is pleased to provide this Temporary Pit Closure Report on behalf of Chevron Mid Continent Business Unit (MCBU) for the above-referenced temporary pit in accordance with the approved C-144 closure plan and conditions of approval, dated April 14, 2022. Temporary pit closure activities were completed on May 30, 2025. The site will be monitored in 2025 and 2026 for vegetative growth progress. The Division will be notified upon the establishment of appropriate vegetative cover that blends with the surrounding undisturbed area. This submittal includes the following information listed in Part 21 of the C-144 Form (Closure Report Attachment Checklist):

Closure Requirement	Attachment
Proof of Closure and Liner Notification	Attachment A
Proof of Deed Notice (on-site closure on private land only)	Not Applicable; <i>BLM Land</i>
Waste Material Sampling Analytical Results (required for on-site closure)	Attachment A;
C-105 form (for on-site closures and temporary pits), Plat Plan	Attachment B
Disposal Facility Name and Permit Number	Not Applicable; <i>on-site closure</i>
Soil Backfilling and Cover Installation	Attachment C
Confirmation Sampling Analytical Results	Not Applicable
Re-vegetation Application Rates and Seeding Technique	Attachment C
Site Reclamation (photo documentation)	Attachment C
Updated C-144 form	Attachment D

Tetra Tech

901 West Wall Street, Suite 100, Midland, TX 79701

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com



**TETRA TECH**

If you have any questions or comments regarding this submittal, please contact Loyd Tyler at [loyd.tyler@chevron.com](mailto:loyd.tyler@chevron.com).

Respectfully submitted,  
TETRA TECH



John Faught, GIT  
Project Manager  
Tetra Tech, Inc.



Clair Gonzales, PG  
Operations Manager  
Tetra Tech, Inc.

Cc: James Amos, Bureau of Land Management, *via electronic submittal*



# Attachment A

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Notification Letters



April 9, 2025

EMNRD - New Mexico Oil Conservation Division  
1220 South Saint Francis Drive  
Sante Fe, NM 87505

**RE: Chevron Pit Closure Notice**  
**Javelina Unit 409 (409H, 410H, 411H, 412H)**  
**Facility ID: fV2210434389**  
**BLM Lease #USA NMNM 029234, #USA NMNM 070895**  
**Section 10, T24S, R31E**

To Whom It May Concern:

This submittal serves as notice to the New Mexico Oil Conservation Division (NMOCD) that closure at the above referenced pit will begin on April 16, 2025. The closure process should be completed around May 30, 2025.

The permitted Non-Low Chloride Temporary Pit was associated with the following Javelina Unit wells:

- Javelina Unit #409H API# 30-015-53171
- Javelina Unit #410H API# 30-015-49600
- Javelina Unit #411H API# 30-015-49933
- Javelina Unit #412H API# 30-015-49820

The "In place Burial" closure plan for the pit was approved by the NMOCD on April 14, 2022, and the permit application and approval are on the OCD website.

Tetra Tech, on behalf of Chevron, collected a five-point composite sample from the contents of the Temporary Pit. A copy of the laboratory report is presented in **Attachment A**, and the table below provides a summary of the analytical results.

Analytical Results for Javelina Unit 409					
Name	Chloride (mg/kg)	TPH (mg/kg)	GRO + DRO	Benzene	BTEX
Burial Standard	80,000	2,500	1,000	10	50
Javelina 409	13,700	136	136	<0.00138	<0.00227



Based on the results, no soil mixing needs to be utilized to meet the in-place closure target concentrations found in Table II of 19.15.17.13 NMAC. The closure process will follow the previously submitted plan.

Thank you for your consideration of the notice of in-place closure.

Sincerely,

A handwritten signature in black ink that reads 'John Faught'.

John Faught, GIT  
Project Manager  
Tetra Tech, Inc.

A handwritten signature in black ink that reads 'Russ Weigand'.

Russ Weigand, PG  
Account Manager  
Tetra Tech, Inc.

**Enclosures:**

**Attachment A:** Laboratory Analytical Results



**Attachment A**  
Laboratory Analytical Results



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: John Faught  
Tetra Tech Inc  
901 W Wall  
Ste 100  
Midland, Texas 79701

Generated 12/23/2024 9:44:50 AM

## JOB DESCRIPTION

SND Pad 409  
Eddy COunty, NM

## JOB NUMBER

880-52475-1

Eurofins Midland  
1211 W. Florida Ave  
Midland TX 79701

# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
12/23/2024 9:44:50 AM

Authorized for release by  
Jessica Kramer, Project Manager  
[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)  
(432)704-5440



Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Laboratory Job ID: 880-52475-1  
SDG: Eddy COunty, NM

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Definitions/Glossary

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## Case Narrative

Client: Tetra Tech Inc  
Project: SND Pad 409

Job ID: 880-52475-1

**Job ID: 880-52475-1**

**Eurofins Midland**

### Job Narrative 880-52475-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

#### Receipt

The sample was received on 12/19/2024 10:42 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

#### Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: CS-1 (880-52475-1).

#### GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### Diesel Range Organics

Method 8015MOD\_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98234 and analytical batch 880-98267 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-98234/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD\_NM: The laboratory control sample (LCS) for preparation batch 880-98234 and analytical batch 880-98267 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. These analytes were biased high in the LCS and were within limits for the associated LCSD (laboratory control sample duplicate); therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### HPLC/IC

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98444 and analytical batch 880-98465 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland

## Client Sample Results

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

Client Sample ID: CS-1

Lab Sample ID: 880-52475-1

Date Collected: 12/18/24 11:50

Matrix: Solid

Date Received: 12/19/24 10:42

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		12/19/24 14:21	12/19/24 15:36	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		12/19/24 14:21	12/19/24 15:36	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		12/19/24 14:21	12/19/24 15:36	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		12/19/24 14:21	12/19/24 15:36	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		12/19/24 14:21	12/19/24 15:36	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		12/19/24 14:21	12/19/24 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	12/19/24 14:21	12/19/24 15:36	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/19/24 14:21	12/19/24 15:36	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			12/19/24 15:36	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	136		50.0	15.1	mg/Kg			12/19/24 22:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U +	50.0	14.5	mg/Kg		12/19/24 08:23	12/19/24 22:57	1
Diesel Range Organics (Over C10-C28)	136		50.0	15.1	mg/Kg		12/19/24 08:23	12/19/24 22:57	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/19/24 08:23	12/19/24 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 08:23	12/19/24 22:57	1
o-Terphenyl	81		70 - 130	12/19/24 08:23	12/19/24 22:57	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13700		202	7.96	mg/Kg			12/21/24 03:20	20

Surrogate Summary

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)  
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-52381-A-19-D MS	Matrix Spike	87	108
880-52381-A-19-E MSD	Matrix Spike Duplicate	85	106
880-52475-1	CS-1	77	94
LCS 880-98243/1-A	Lab Control Sample	97	106
LCSD 880-98243/2-A	Lab Control Sample Dup	85	106
MB 880-98243/5-A	Method Blank	79	91
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)  
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-52444-A-2-D MS	Matrix Spike	83	97
880-52444-A-2-E MSD	Matrix Spike Duplicate	83	97
880-52475-1	CS-1	84	81
LCS 880-98234/2-A	Lab Control Sample	136 S1+	115
LCSD 880-98234/3-A	Lab Control Sample Dup	124	108
MB 880-98234/1-A	Method Blank	78	77
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98243/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98135							Prep Batch: 98243		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/19/24 09:21	12/19/24 11:07	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/19/24 09:21	12/19/24 11:07	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/19/24 09:21	12/19/24 11:07	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		12/19/24 09:21	12/19/24 11:07	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/19/24 09:21	12/19/24 11:07	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		12/19/24 09:21	12/19/24 11:07	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				12/19/24 09:21	12/19/24 11:07	1
1,4-Difluorobenzene (Surr)	91		70 - 130				12/19/24 09:21	12/19/24 11:07	1

Lab Sample ID: LCS 880-98243/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98135							Prep Batch: 98243		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.1064		mg/Kg		106	70 - 130	
Toluene		0.100	0.1070		mg/Kg		107	70 - 130	
Ethylbenzene		0.100	0.1012		mg/Kg		101	70 - 130	
m-Xylene & p-Xylene		0.200	0.2036		mg/Kg		102	70 - 130	
o-Xylene		0.100	0.09922		mg/Kg		99	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	97		70 - 130						
1,4-Difluorobenzene (Surr)	106		70 - 130						

Lab Sample ID: LCSD 880-98243/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 98135							Prep Batch: 98243			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.1074		mg/Kg		107	70 - 130	1	35
Toluene		0.100	0.1011		mg/Kg		101	70 - 130	6	35
Ethylbenzene		0.100	0.08899		mg/Kg		89	70 - 130	13	35
m-Xylene & p-Xylene		0.200	0.1771		mg/Kg		89	70 - 130	14	35
o-Xylene		0.100	0.08594		mg/Kg		86	70 - 130	14	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	85		70 - 130							
1,4-Difluorobenzene (Surr)	106		70 - 130							

Lab Sample ID: 880-52381-A-19-D MS							Client Sample ID: Matrix Spike		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98135							Prep Batch: 98243		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00139	U	0.0996	0.1071		mg/Kg		108	70 - 130
Toluene	<0.00199	U	0.0996	0.1014		mg/Kg		102	70 - 130

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-52381-A-19-D MS  
Matrix: Solid  
Analysis Batch: 98135

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 98243

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00108	U	0.0996	0.09019		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00228	U	0.199	0.1789		mg/Kg		90	70 - 130
o-Xylene	<0.00158	U	0.0996	0.08651		mg/Kg		87	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	87		70 - 130						
1,4-Difluorobenzene (Surr)	108		70 - 130						

Lab Sample ID: 880-52381-A-19-E MSD  
Matrix: Solid  
Analysis Batch: 98135

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 98243

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00139	U	0.101	0.1054		mg/Kg		105	70 - 130	2	35
Toluene	<0.00199	U	0.101	0.09892		mg/Kg		98	70 - 130	2	35
Ethylbenzene	<0.00108	U	0.101	0.08836		mg/Kg		88	70 - 130	2	35
m-Xylene & p-Xylene	<0.00228	U	0.202	0.1749		mg/Kg		87	70 - 130	2	35
o-Xylene	<0.00158	U	0.101	0.08473		mg/Kg		84	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	85		70 - 130								
1,4-Difluorobenzene (Surr)	106		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98234/1-A  
Matrix: Solid  
Analysis Batch: 98267

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 98234

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		12/19/24 08:23	12/19/24 18:45	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		12/19/24 08:23	12/19/24 18:45	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/19/24 08:23	12/19/24 18:45	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	78		70 - 130						
o-Terphenyl	77		70 - 130						

Lab Sample ID: LCS 880-98234/2-A  
Matrix: Solid  
Analysis Batch: 98267

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 98234

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1318	*+	mg/Kg		132	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1167		mg/Kg		117	70 - 130

QC Sample Results

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98234/2-A  
Matrix: Solid  
Analysis Batch: 98267

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 98234

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	136	S1+	70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: LCSD 880-98234/3-A  
Matrix: Solid  
Analysis Batch: 98267

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 98234

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1173		mg/Kg		117	70 - 130	12	20
Diesel Range Organics (Over C10-C28)			1000	1016		mg/Kg		102	70 - 130	14	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	124								70 - 130		
o-Terphenyl	108								70 - 130		

Lab Sample ID: 880-52444-A-2-D MS  
Matrix: Solid  
Analysis Batch: 98267

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 98234

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	26.3	J *+	995	775.2		mg/Kg		75	70 - 130		
Diesel Range Organics (Over C10-C28)	1190	F1	995	1825	F1	mg/Kg		64	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	83								70 - 130		
o-Terphenyl	97								70 - 130		

Lab Sample ID: 880-52444-A-2-E MSD  
Matrix: Solid  
Analysis Batch: 98267

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 98234

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	26.3	J *+	995	754.3		mg/Kg		73	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1190	F1	995	1803	F1	mg/Kg		62	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	83								70 - 130		
o-Terphenyl	97								70 - 130		



QC Sample Results

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98444/1-A

Matrix: Solid

Analysis Batch: 98465

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			12/21/24 00:14	1

Lab Sample ID: LCS 880-98444/2-A

Matrix: Solid

Analysis Batch: 98465

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.0		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-98444/3-A

Matrix: Solid

Analysis Batch: 98465

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	258.3		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-52472-A-15-B MS

Matrix: Solid

Analysis Batch: 98465

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3770	F1	1250	5542	F1	mg/Kg		142	90 - 110

Lab Sample ID: 880-52472-A-15-C MSD

Matrix: Solid

Analysis Batch: 98465

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3770	F1	1250	5610	F1	mg/Kg		147	90 - 110	1	20

## QC Association Summary

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

## GC VOA

## Analysis Batch: 98135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52475-1	CS-1	Total/NA	Solid	8021B	98243
MB 880-98243/5-A	Method Blank	Total/NA	Solid	8021B	98243
LCS 880-98243/1-A	Lab Control Sample	Total/NA	Solid	8021B	98243
LCSD 880-98243/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98243
880-52381-A-19-D MS	Matrix Spike	Total/NA	Solid	8021B	98243
880-52381-A-19-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	98243

## Prep Batch: 98243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52475-1	CS-1	Total/NA	Solid	5035	
MB 880-98243/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98243/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98243/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-52381-A-19-D MS	Matrix Spike	Total/NA	Solid	5035	
880-52381-A-19-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 98457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52475-1	CS-1	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 98234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52475-1	CS-1	Total/NA	Solid	8015NM Prep	
MB 880-98234/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98234/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98234/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52444-A-2-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-52444-A-2-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 98267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52475-1	CS-1	Total/NA	Solid	8015B NM	98234
MB 880-98234/1-A	Method Blank	Total/NA	Solid	8015B NM	98234
LCS 880-98234/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98234
LCSD 880-98234/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98234
880-52444-A-2-D MS	Matrix Spike	Total/NA	Solid	8015B NM	98234
880-52444-A-2-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	98234

## Analysis Batch: 98478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52475-1	CS-1	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 98444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52475-1	CS-1	Soluble	Solid	DI Leach	
MB 880-98444/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98444/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98444/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

HPLC/IC (Continued)

Leach Batch: 98444 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52472-A-15-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-52472-A-15-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 98465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52475-1	CS-1	Soluble	Solid	300.0	98444
MB 880-98444/1-A	Method Blank	Soluble	Solid	300.0	98444
LCS 880-98444/2-A	Lab Control Sample	Soluble	Solid	300.0	98444
LCSD 880-98444/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98444
880-52472-A-15-B MS	Matrix Spike	Soluble	Solid	300.0	98444
880-52472-A-15-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	98444

Lab Chronicle

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

Client Sample ID: CS-1  
Date Collected: 12/18/24 11:50  
Date Received: 12/19/24 10:42

Lab Sample ID: 880-52475-1  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	98243	12/19/24 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	98135	12/19/24 15:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			98457	12/19/24 15:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			98478	12/19/24 22:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	98234	12/19/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	98267	12/19/24 22:57	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	98444	12/20/24 09:32	CH	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	98465	12/21/24 03:20	CH	EET MID

Laboratory References:  
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Tetra Tech Inc  
Project/Site: SND Pad 409

Job ID: 880-52475-1  
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-52475-1	CS-1	Solid	12/18/24 11:50	12/19/24 10:42

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



901 W Wall Street, Ste 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Client Name:	Chevron MCBU	Site Manager:	John Fought
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Project Name:	SND Pad 409
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Project Location: (county, state)	Eddy County, NM	Project #:	212C-MD-03278
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Invoice to: [john.fought1@tetrattech.com](mailto:john.fought1@tetrattech.com)

Receiving Laboratory:	Sampler Signature: <i>Matthew Laster</i>
Eurofins Laboratory	
Comments:	

Comments:

Email: john\_faught1@tetratech.com; russ\_weigand@tetratech.com; kimbebe@chevron.com

LAB #

LAB USE ONLY

SAMPLE IDENTIFICATION

SAMPLING	MATRIX	PRESERVATIVE METHOD	CONTAINERS	
			DATE	TIME
YEAR: 2024			CL	
			NO <sub>3</sub>	
			CE	
			cuttings	
			WATER	

CLP Metals Ag As

CLP Volatiles

CLP Semi Volatiles

CI

C/M/S Vol. 8260C

C/M/S Semi. Vol.

CB's 8082 / 608

ORM

LM (Asbestos)

chloride EPA 300

chloride Sulfate

General Water Ch

anion/Cation Balan

method 9095

TEX 8021B

PH TX1005 (Ext

PH 8015M (GR

AH 8270C

CLP Metals Ag As

CLP Volatiles

CLP Semi Volatiles

[illegible]

Relinquished by: <i>[Signature]</i>	Date: 12-19-24 Time: 1042	Received by: <i>[Signature]</i>	Date: 12/19 Time: 1042	<b>LAB USE ONLY</b>  Sample Temperature 31/30	REMARKS:  <input type="checkbox"/> <b>RUSH</b> Same Day 24 hr 48 hr 72 hr  <input type="checkbox"/> Rush Charges Authorized  <input type="checkbox"/> Special Report Limits or TRAP Report
Relinquished by:	Date: _____ Time: _____	Received by:	Date: _____ Time: _____		
Relinquished by:	Date: _____ Time: _____	Received by:	Date: _____ Time: _____		

Circle) HAND DELIVERED FEDEX UPS Tracking #: \_\_\_\_\_

ORIGINAL COPY



Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 880-52475-1  
SDG Number: Eddy COuntY, NM

Login Number: 52475  
List Number: 1  
Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



## Attachment B

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C-105 and Plat Plan

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>			<b>Form C-105</b> Revised April 3, 2017					
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4. Reason for filing:  <input type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input checked="" type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Sand Dunes		
								6. Well Number: Javelina Unit P409 (409H, 410H, 411H, 412H)		
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator: Chevron U.S.A. Inc.						9. OGRID: 4323				
10. Address of Operator 6301 Deauville Blvd., Midland, Texas 79706						11. Pool name or Wildcat				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released 6/18/2024			16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
<b>23. CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
<b>28. PRODUCTION</b>										
Date First Production		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )				Well Status ( <i>Prod. or Shut-in</i> )				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )				
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )								30. Test Witnessed By		
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date: 6/18/2024		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude 32.238861   Longitude -103.768583   NAD83										
<i>I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief</i>										
Signature <i>Loyd Tyler</i>			Printed Name		Title			Date		
E-mail Address Loyd.Tyler@chevron			Loyd Tyler		Field Environmental Advisor			8/11/2025		

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

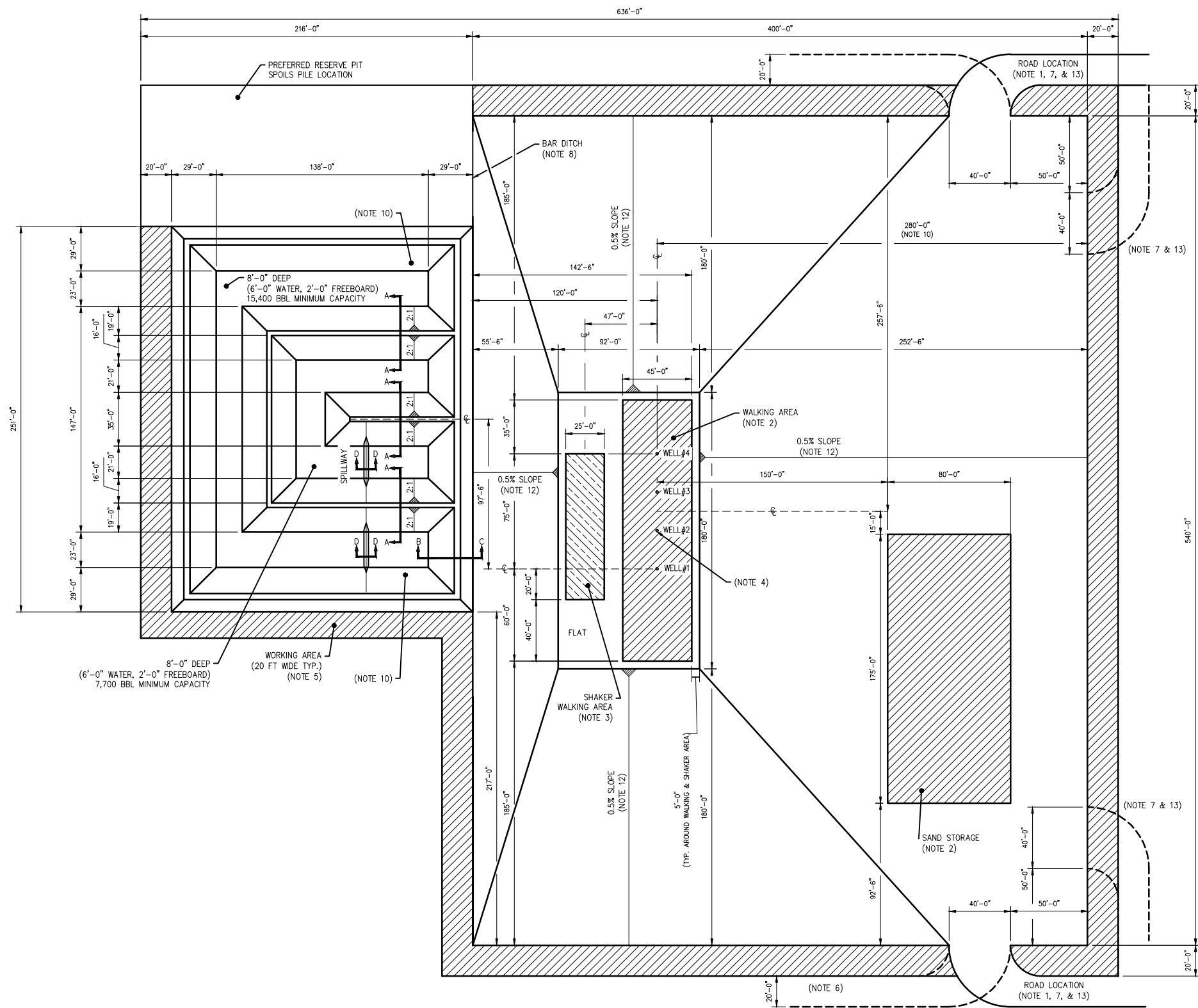
Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, from.....to.....

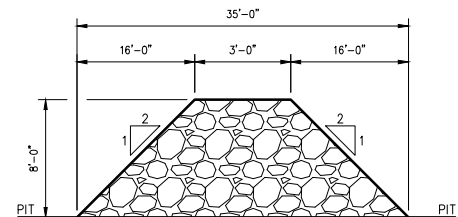
Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

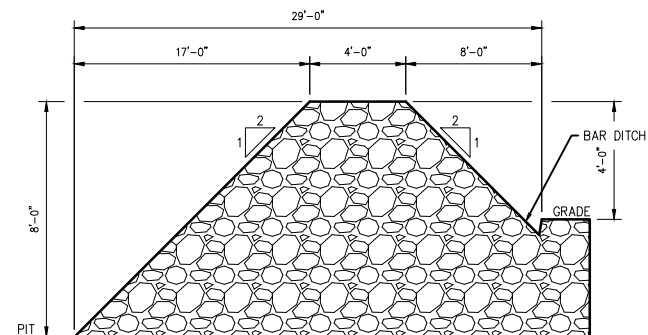
From	To	Thickness In Feet	Lithology



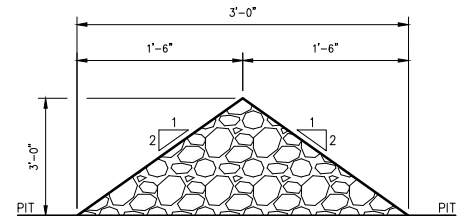
MAGNETIC NORTH



SECTION A-A  
NOT TO SCALE

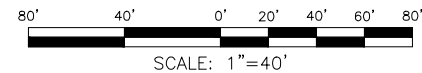


SECTION B-C  
NOT TO SCALE



SECTION D-D  
NOT TO SCALE

- NOTES:
1. PRIMARY PAD ENTRANCE MUST BE ON WEST OR EAST SIDE OF PAD FOR DRILLING LAYOUT.
  2. SEE GEO-TECHNICAL INVESTIGATION REPORT FOR COMPACTION RECOMMENDATION. SEE DRILLING MAT LAYOUT FOR DETAILS.
  3. SHAKER WALKING AREA IS REQUIRED WHEN USING NABORS M800 SERIES DRILLING RIG.
  4. FOR COMPLETIONS GRAVEL LOCATIONS, SEE DWG. FACTSTD-COMGRVL-CIV-PVD-MCB-0001-01.
  5. SHADED WORKING AREA IS NOT A PART OF THE PERMITTED PAD. PERMITTED PAD AREA IS 490 FT X 400 FT FOR A 2 WELL PAD. ROAD CAN COME FROM EITHER THE NORTH OR SOUTH DIRECTION DEPENDING ON LEASE ORIENTATION.
  6. SECONDARY ACCESS ROAD IS REQUIRED FOR COMPLETIONS DRIVE-THROUGH. SECONDARY ACCESS ROAD CAN BE EITHER ON EAST/WEST EDGE OF PAD OR SOUTH EDGE OF PAD, BUT MUST BE OPPOSITE OF PRIMARY PAD ENTRANCE (REF. NOTE 1) FE MUST CONSULT D&C ADVISOR TO COMPLETE PMOC IF SECONDARY ROAD IS NOT FEASIBLE.
  7. 1FT. X 1FT. BAR DITCHING TO BE PROVIDED BETWEEN PAD AND RESERVE PIT. DITCH WILL BE FILLED WITH 1\"/>
  8. 6 LOADS OF ROCK FOR DRILLING TRAILERS & DITCH COM ROCK DROPPED IN NEW CORNER.
  9. DIMENSION SOUTH OF THE WELLS CAN BE REDUCED TO 260' IF BASIS OF DESIGN IS CONVENTIONAL FRAC OPERATIONS.
  10. PAINT 8' LONG PIT LEVEL MARKERS EVERY 2' FROM THE BOTTOM LABEL BY THE LENGTH OF THE INCLINE FROM THE BOTTOM OF THE PIT.
  11. PREDOMINANT DRAINING DIRECTION TO BE FIELD-DETERMINED BASED ON LOCAL TOPOGRAPHY.
  12. CROSS SECTIONAL PLANE OF ROAD ENTRANCES TO PAD TO HAVE MAXIMUM SLOPING OF 0.5% (E.G. NO MORE THAN 2.4\"/>



REVISIONS									
APPROVED FOR CONSTRUCTION BASIN DESIGN, DRF 22020	EV	02/10/22	EB	CKHT	△				△
△					△				△
△					△				△

**AFC**  
APPROVED FOR CONSTRUCTION



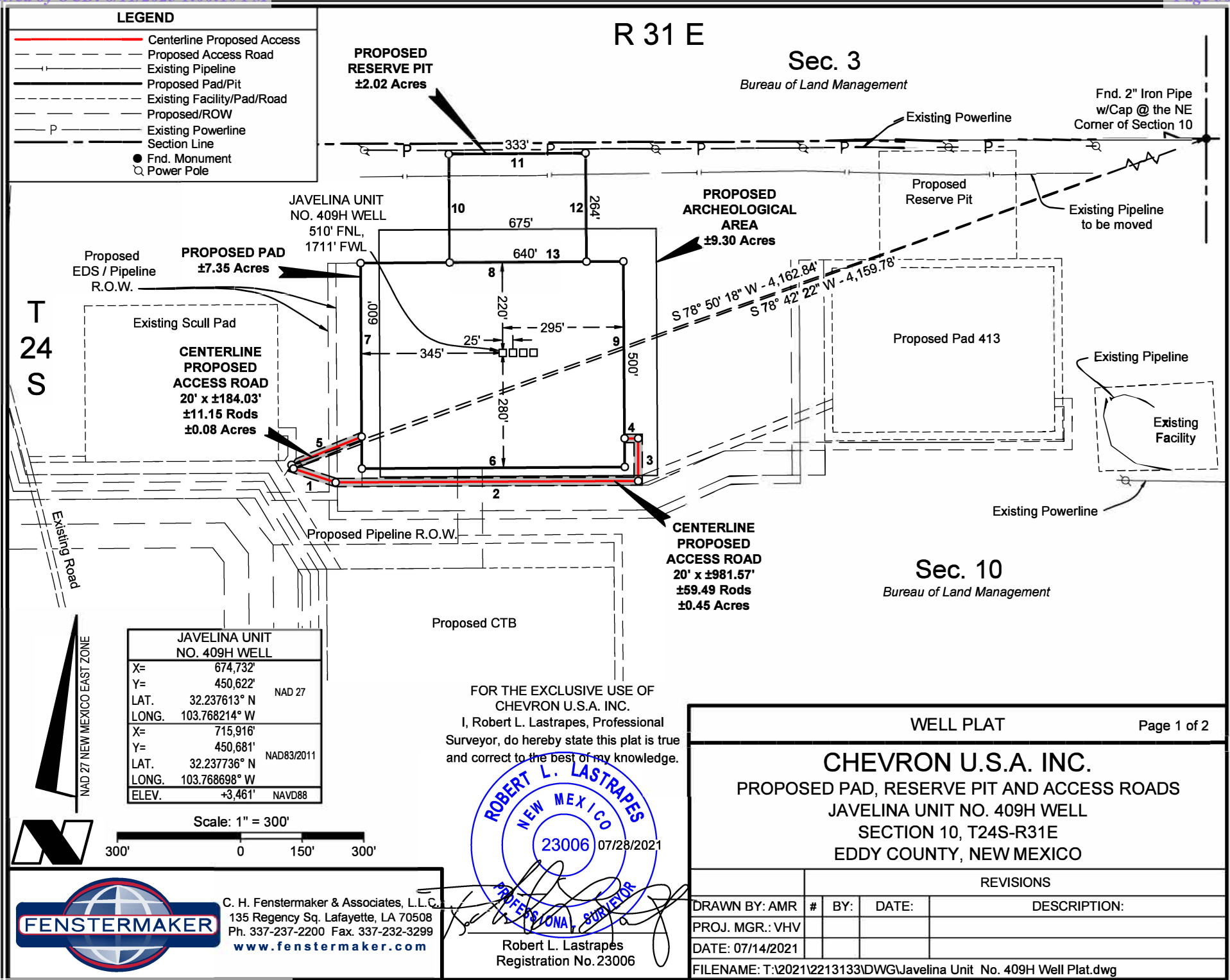
DELAWARE BASIN – CARLSBAD WEST NM FOT  
CARLSBAD WEST NM ALL – LEA COUNTY, NM

CIVIL – FACTORY STANDARD 4 WELL PAD PLAN – OPEN LOOP

**CLWNFMT-ALL-CIV-PVD-MCB-0001-01**

DR. EV  
ENG. CKHT

△



NW PAD CORNER	NE PAD CORNER	NW ARCH AREA CORNER	NE ARCH AREA CORNER	NW RESERVE PIT	NE RESERVE PIT
X= 674,386' Y= 450,840' LAT. 32.238218° N LONG. 103.769331° W NAD 27	X= 675,025' Y= 450,844' LAT. 32.238220° N LONG. 103.767261° W NAD 27	X= 674,430' Y= 450,920' LAT. 32.238436° N LONG. 103.769185° W NAD 27	X= 675,105' Y= 450,924' LAT. 32.238438° N LONG. 103.767002° W NAD 27	X= 674,601' Y= 451,105' LAT. 32.238944° N LONG. 103.768630° W NAD 27	X= 674,934' Y= 451,108' LAT. 32.238945° N LONG. 103.767553° W NAD 27
X= 715,569' Y= 450,899' LAT. 32.238341° N LONG. 103.769815° W NAD83/2011	X= 716,209' Y= 450,903' LAT. 32.238343° N LONG. 103.767745° W NAD83/2011	X= 715,614' Y= 450,979' LAT. 32.238559° N LONG. 103.769669° W NAD83/2011	X= 716,289' Y= 450,983' LAT. 32.238561° N LONG. 103.767486° W NAD83/2011	X= 715,784' Y= 451,164' LAT. 32.239067° N LONG. 103.769115° W NAD83/2011	X= 716,117' Y= 451,167' LAT. 32.239068° N LONG. 103.768038° W NAD83/2011
ELEV. +3458' NAVD88	ELEV. +3464' NAVD88	ELEV. +3459' NAVD88	ELEV. +3464' NAVD88	ELEV. +3459' NAVD88	ELEV. +3461' NAVD88
SW PAD CORNER	SE PAD CORNER	SW ARCH AREA CORNER	SE ARCH AREA CORNER	SW RESERVE PIT	SE RESERVE PIT
X= 674,389' Y= 450,340' LAT. 32.236843° N LONG. 103.769329° W NAD 27	X= 675,029' Y= 450,344' LAT. 32.236845° N LONG. 103.767259° W NAD 27	X= 674,434' Y= 450,320' LAT. 32.236787° N LONG. 103.769184° W NAD 27	X= 675,109' Y= 450,324' LAT. 32.236788° N LONG. 103.767001° W NAD 27	X= 674,602' Y= 450,841' LAT. 32.238218° N LONG. 103.768629° W NAD 27	X= 674,935' Y= 450,844' LAT. 32.238220° N LONG. 103.767552° W NAD 27
X= 715,573' Y= 450,399' LAT. 32.236966° N LONG. 103.769813° W NAD83/2011	X= 716,212' Y= 450,403' LAT. 32.236969° N LONG. 103.767743° W NAD83/2011	X= 715,617' Y= 450,379' LAT. 32.236910° N LONG. 103.769668° W NAD83/2011	X= 716,292' Y= 450,383' LAT. 32.236911° N LONG. 103.767485° W NAD83/2011	X= 715,786' Y= 450,900' LAT. 32.238342° N LONG. 103.769113° W NAD83/2011	X= 716,119' Y= 450,903' LAT. 32.238343° N LONG. 103.768036° W NAD83/2011
ELEV. +3457' NAVD88	ELEV. +3565' NAVD88	ELEV. +3457' NAVD88	ELEV. +3465' NAVD88	ELEV. +3460' NAVD88	ELEV. +3463' NAVD88

CENTERLINE PROPOSED ACCESS ROAD		
COURSE	BEARING	DISTANCE
1	S 71° 46' 29" E	107.74'
2	N 89° 44' 14" E	736.73'
3	NORTH	103.95'
4	S 89° 44' 27" W	33.15'

CENTERLINE PROPOSED ACCESS ROAD		
COURSE	BEARING	DISTANCE
5	N 68° 04' 46" E	184.03'

PROPOSED PAD		
COURSE	BEARING	DISTANCE
6	S 89° 37' 29" W	640.00'
7	N 00° 22' 31" W	500.00'
8	N 89° 37' 29" E	640.00'
9	S 00° 22' 31" E	500.00'

PROPOSED RESERVE PIT		
COURSE	BEARING	DISTANCE
10	N 00° 22' 31" W	264.00'
11	N 89° 37' 29" E	333.00'
12	S 00° 22' 31" E	264.00'
13	S 89° 37' 29" W	333.00'

**NOTE:**

Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards, such as fiber optic cables, PVC pipelines, etc. may exist undetected on site.

**NOTE:**

Many states maintain information centers that establish links between those who dig (excavators) and those who own and operate underground facilities (operators). It is advisable and in most states, law, for the contractor to contact the center for assistance in locating and marking underground utilities. For guidance, New Mexico One Call [www.nm811.org](http://www.nm811.org)

**DISCLAIMER:** At this time, C. H. Fenstermaker & Associates, L.L.C. has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

FOR THE EXCLUSIVE USE OF  
CHEVRON U.S.A. INC.  
I, Robert L. Lastrapes, Professional  
Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.



C. H. Fenstermaker & Associates, L.L.C.  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

Robert L. Lastrapes  
Registration No. 23006

**WELL PLAT**

Page 2 of 2

**CHEVRON U.S.A. INC.**  
PROPOSED PAD, RESERVE PIT AND ACCESS ROADS  
JAVELINA UNIT NO. 409H WELL  
SECTION 10, T24S-R31E  
EDDY COUNTY, NEW MEXICO

REVISIONS				
DRAWN BY: AMR	#	BY:	DATE:	DESCRIPTION:
PROJ. MGR.: VHV				
DATE: 07/14/2021				
FILENAME: T:\2021\2213133\DWG\Javelina Unit No. 409H Well Plat.dwg				





# Attachment C

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Closure Documentation





## Soil Backfilling & Cover Installation

Soil backfilling and pit closure activities were completed in accordance with Closure and Site Reclamation Requirements detailed in 19.15.17.13 NMAC and conditions of approval. Photographs are provided on the following pages.

1. The Temporary Pit C-144 application was approved by the NMOCD on April 14, 2022.
2. A five-point composite sample was collected from the Temporary Pit and sent to Eurofins Laboratory in Midland, Texas on December 18, 2024. The sample was analyzed for chloride, TPH, GRO+DRO, benzene, and BTEX. Based on the analytical results, no blending was necessary to meet the in-place closure target concentrations found in Table II of 19.15.17.13 NMAC.
3. On April 16, 2025, closure activities commenced with the mixing of the cuttings and sloping of the material so that the overlying liner will shed infiltrating fluids.
4. On May 7, 2025, eTech Environmental and Safety Solutions mobilized to the site and collected a paint filter sample. Field screening results confirmed that the mixed cuttings passed paint filter analysis. A copy of the paint filter analytical report is included within this attachment.
5. A 40 mil HDPE liner was then installed in a way that prevents ponding of water and is 8 feet below grade.
6. At least four feet of compacted, uncontaminated, non-waste containing earthen fill were placed above the liner.
7. At least one foot of topsoil was placed over the four feet of compacted material and graded to preserve surface flow patterns and prevent ponding.
8. A steel marker was installed in the center of the former Temporary Pit.
9. The area was broadcast reseeded with BLM #2 Seed Mix (Lot#: 3426) at a rate of 0.0993 bulk pounds per 1000 sq. ft. Additional reseeding and/or weed control measures will be taken, if necessary, upon monitoring activities in 2025 and 2026.
10. Final closure and reclamation activities were completed on May 30, 2025.

Tetra Tech

901 West Wall Street, Suite 100, Midland, TX 79701

Tel 432.682.4559 Fax 432.682.3946 [www.tetrattech.com](http://www.tetrattech.com)



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Blake Estep  
Etech Environmental & Safety Solutions  
PO BOX 62228  
Midland, Texas 79711

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## JOB DESCRIPTION

SND Pad 409  
22256

## JOB NUMBER

880-57911-1

Eurofins Midland  
1211 W. Florida Ave  
Midland TX 79701

# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



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5/15/2025 9:53:19 PM

Authorized for release by  
Jessica Kramer, Project Manager  
[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)  
(432)704-5440

Client: Etech Environmental & Safety Solutions  
Project/Site: SND Pad 409

Laboratory Job ID: 880-57911-1  
SDG: 22256

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## Definitions/Glossary

Client: Etech Environmental & Safety Solutions  
Project/Site: SND Pad 409

Job ID: 880-57911-1  
SDG: 22256

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## Case Narrative

Client: Etech Environmental & Safety Solutions  
Project: SND Pad 409

Job ID: 880-57911-1

**Job ID: 880-57911-1**

**Eurofins Midland**

### Job Narrative 880-57911-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

#### Receipt

The sample was received on 5/8/2025 11:20 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

#### General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions  
Project/Site: SND Pad 409

Job ID: 880-57911-1  
SDG: 22256

Client Sample ID: Paint Filter Test      Lab Sample ID: 880-57911-1  
Date Collected: 05/07/25 12:00      Matrix: Solid  
Date Received: 05/08/25 11:20

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Paint Filter (SW846 9095B)	pass				No Unit			05/15/25 20:25	1

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QC Sample Results

Client: Etech Environmental & Safety Solutions  
Project/Site: SND Pad 409

Job ID: 880-57911-1  
SDG: 22256

Method: 9095B - Paint Filter (Presence/Absence)

Lab Sample ID: MB 860-236180/1					Client Sample ID: Method Blank				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 236180									
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Paint Filter	pass				No Unit			05/15/25 20:25	1

Lab Sample ID: 880-57911-1 DU					Client Sample ID: Paint Filter Test				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 236180									
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D		RPD	RPD Limit
Paint Filter	pass		pass		No Unit			NC	20



QC Association Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: SND Pad 409

Job ID: 880-57911-1  
SDG: 22256

General Chemistry

Analysis Batch: 236180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57911-1	Paint Filter Test	Total/NA	Solid	9095B	
MB 860-236180/1	Method Blank	Total/NA	Solid	9095B	
880-57911-1 DU	Paint Filter Test	Total/NA	Solid	9095B	

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Lab Chronicle

Client: Etech Environmental & Safety Solutions  
Project/Site: SND Pad 409

Job ID: 880-57911-1  
SDG: 22256

Client Sample ID: Paint Filter Test  
Date Collected: 05/07/25 12:00  
Date Received: 05/08/25 11:20

Lab Sample ID: 880-57911-1  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9095B		1			236180	05/15/25 20:25	ALL	EET HOU

Laboratory References:  
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: SND Pad 409

Job ID: 880-57911-1  
SDG: 22256

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	07-01-26
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: SND Pad 409

Job ID: 880-57911-1  
SDG: 22256

Method	Method Description	Protocol	Laboratory
9095B	Paint Filter (Presence/Absence)	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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Sample Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: SND Pad 409

Job ID: 880-57911-1  
SDG: 22256

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57911-1	Paint Filter Test	Solid	05/07/25 12:00	05/08/25 11:20

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Hobbs, NIM (575-392-7550) Phoenix, AZ (480-355-0800) Atlanta, GA (770-449-8800) Tampa, FL (813-620-2000)

www.xenco.com Page 1 of 1

Houston, TX (281) 240-4200 Dallas, TX (214) 802-0300 San Antonio, TX (210) 508-3334  
Midland, TX (432-704-5440) El Paso, TX (915)585-3443 Lubbock, TX (806)794-1296

Work Order No: PAT  
57911

## Chain of Custody




Project Manager:	BLAKE ESTEP		Bill to: (if different)	
Company Name:	Etech Environmental		Company Name:	
Address:	13000 West CR 100		Address:	
City, State ZIP:	Midland, TX 79711		City, State ZIP:	
Phone:	(432)563-2200		Email:	<a href="mailto:Blake@etechenv.com">Blake@etechenv.com</a>

<b>Work Order Comments</b>
Program: UST/PST <input type="checkbox"/> PRR <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRR <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

[illegible][illegible]

Total	200.7 / 6010	200.8 / 6020:	Circle Method(s) and Metal(s) to be analyzed															
8RCRA	13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO <sub>2</sub> Na Sr Ti Sn U V Zn	1631 / 245.1 / 7470 / 7471 : Hg															
	TCLP / SPLP 6010: 8RCRA	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U																

**Notice:** Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$8 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

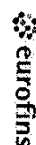
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5/8/25			
		11/20			

Download Date: 05/24/18 Dow, 2018

## Eurofins Midland

1211 W Florida Ave  
Midland, TX 79701  
Phone: 432-704-5446

## Chain of Custody Record



## Environment Testing

[illegible]

## Login Sample Receipt Checklist

Client: Etech Environmental &amp; Safety Solutions

Job Number: 880-57911-1

SDG Number: 22256

Login Number: 57911

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



## Login Sample Receipt Checklist

Client: Etech Environmental &amp; Safety Solutions

Job Number: 880-57911-1

SDG Number: 22256

Login Number: 57911

List Number: 2

Creator: Silva, Daniel

List Source: Eurofins Houston

List Creation: 05/09/25 01:34 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Photographic Log  
Javelina Unit P409 (409H, 410H, 411H, 412H)



Photo 1: Overview of liner installation.



Photo 2: Overview of liner installation.

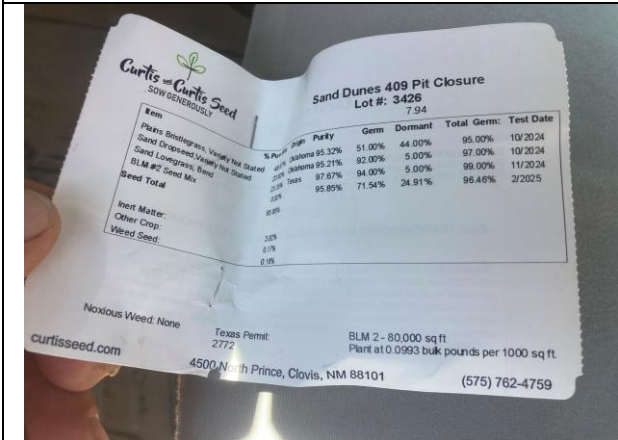



Photo 3: Overview of BLM 2 seed mix used at the site.



Photo 4: Overview of pit sign posted after reclamation activities were completed.

Page No.	Client:	Site Name:	
1 of 1	Chevron MCBU	Javelina Unit P409	



## Attachment D

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Updated C-144

State of New Mexico  
Energy Minerals and Natural Resources  
Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
Revised October 11, 2022

## Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action: ☐ Below grade tank registration  
☐ Permit of a pit or proposed alternative method  
☒ Closure of a pit, below-grade tank, or proposed alternative method  
☐ Modification to an existing permit/or registration  
☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

**Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request**

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1. Operator: Chevron USA, Inc. OGRID #: 4323  
 Address: 6301 Deauville Blvd., Midland, TX 79706  
 Facility or well name: Javelina Unit P409 (409H, 410H, 411H, 412H)  
 API Number: 30-015-53171, 49600, 49933, 49820 OCD Permit Number: Facility ID [fVV2210434389]  
 U/L or Qtr/Qtr C Section 10 Township 24S Range 31E County: Eddy  
 Center of Proposed Design: Latitude 32.238681 Longitude -103.768583 NAD83  
 Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2. ☒ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC  
 Temporary: ☒ Drilling ☐ Workover  
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no  
☒ Lined ☐ Unlined Liner type: Thickness 40 mil ☐ LLDPE ☒ HDPE ☐ PVC ☐ Other \_\_\_\_\_  
☐ String-Reinforced  
 Liner Seams: ☒ Welded ☐ Factory ☐ Other \_\_\_\_\_ Volume: 1x15,400  
1x7,700 bbl Dimensions: L 251 ft x W 196 ft x D 8 ft

3. ☐ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC  
 Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
 Tank Construction material: \_\_\_\_\_  
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off  
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other \_\_\_\_\_  
 Liner type: Thickness \_\_\_\_\_ mil ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_

4. ☐ **Alternative Method:**  
 Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5. **Fencing:** Subsection D of 19.15.17.11 NMAC (*Applies to permanent pits, temporary pits, and below-grade tanks*)  
☐ Chain link, six feet in height, two strands of barbed wire at top (*Required if located within 1000 feet of a permanent residence, school, hospital, institution or church*)  
☒ Four foot height, four strands of barbed wire evenly spaced between one and four feet  
☐ Alternate. Please specify \_\_\_\_\_

6.

**Netting:** Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

- ☐ Screen ☐ Netting ☐ Other \_\_\_\_\_
- ☐ Monthly inspections (If netting or screening is not physically feasible)

7.

**Signs:** Subsection C of 19.15.17.11 NMAC

- ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- ☒ Signed in compliance with 19.15.16.8 NMAC

8.

**Variances and Exceptions:**

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

***Please check a box if one or more of the following is requested, if not leave blank:***

- ☒ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.
- ☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

**Siting Criteria (regarding permitting):** 19.15.17.10 NMAC***Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.*****General siting****Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.**

- ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells

☐ Yes ☐ No  
☒ NA

**Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit .**

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☒ No  
☐ NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)**

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

☐ Yes ☒ No

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)**

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☒ No

Within an unstable area. **(Does not apply to below grade tanks)**

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

☐ Yes ☒ No

Within a 100-year floodplain. **(Does not apply to below grade tanks)**

- FEMA map

☐ Yes ☒ No

**Below Grade Tanks**

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;.

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

**Temporary Pit using Low Chloride Drilling Fluid** (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.

NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 100 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

### **Temporary Pit Non-low chloride drilling fluid**

Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☒ No

Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within 300 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

### **Permanent Pit or Multi-Well Fluid Management Pit**

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

☐ Yes ☐ No

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

10.

#### **Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC

**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

11.

#### **Multi-Well Fluid Management Pit Checklist:** Subsection B of 19.15.17.9 NMAC

**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ A List of wells with approved application for permit to drill associated with the pit.
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
- ☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_



12.

**Permanent Pits Permit Application Checklist:** Subsection B of 19.15.17.9 NMAC**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC  
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC  
☐ Climatological Factors Assessment  
☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC  
☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC  
☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC  
☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC  
☐ Quality Control/Quality Assurance Construction and Installation Plan  
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  
☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  
☐ Nuisance or Hazardous Odors, including H<sub>2</sub>S, Prevention Plan  
☐ Emergency Response Plan  
☐ Oil Field Waste Stream Characterization  
☐ Monitoring and Inspection Plan  
☐ Erosion Control Plan  
☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.

**Proposed Closure:** 19.15.17.13 NMAC**Instructions:** Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

- Type: ☒ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Multi-well Fluid Management Pit  
☐ Alternative
- Proposed Closure Method: ☐ Waste Excavation and Removal  
☐ Waste Removal (Closed-loop systems only)  
☒ On-site Closure Method (Only for temporary pits and closed-loop systems)  
☒ In-place Burial ☐ On-site Trench Burial  
☐ Alternative Closure Method

14.

**Waste Excavation and Removal Closure Plan Checklist:** (19.15.17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC  
☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC  
☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)  
☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.

**Siting Criteria (regarding on-site closure methods only):** 19.15.17.10 NMAC**Instructions:** Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

☐ Yes ☒ No

Within the area overlying a subsurface mine.

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☒ No

Within an unstable area.

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

☐ Yes ☒ No

Within a 100-year floodplain.

- FEMA map

☐ Yes ☒ No

16. **On-Site Closure Plan Checklist:** (19.15.17.13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17. **Operator Application Certification:**

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_

18. **OCD Approval:** ☐ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Joel Stone Approval Date: 08/15/2025

Title: Environmental Scientist & Specialist-A OCD Permit Number: Temp Pit #1

19. **Closure Report (required within 60 days of closure completion):** 19.15.17.13 NMAC

*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*

☒ Closure Completion Date: 05/30/2025

20. **Closure Method:**

- ☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)
- ☐ If different from approved plan, please explain.

21. **Closure Report Attachment Checklist:** *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

- ☒ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☒ Plot Plan (for on-site closures and temporary pits)
- ☐ Confirmation Sampling Analytical Results (if applicable)
- ☒ Waste Material Sampling Analytical Results (required for on-site closure)
- ☐ Disposal Facility Name and Permit Number
- ☒ Soil Backfilling and Cover Installation
- ☒ Re-vegetation Application Rates and Seeding Technique
- ☒ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 32.238681 Longitude -103.768583 NAD: ☐ 1927 ☒ 1983



22.

**Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Loyd Tyler Title: Field Environmental Advisor

Signature: Loyd Tyler Date: 8/11/2025

e-mail address: loyd.tyler@chevron.com Telephone: 432-701-8163

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 494342

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 494342
	Action Type: [C-144] Temporary Pit Plan (C-144T)

CONDITIONS

Created By	Condition	Condition Date
joel.stone	None	8/15/2025