TETRA TECH

April 7, 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
Javelina Unit 610 (610H, 611H, 612H, 507H, 508H)
BLM Lease No. USA NMNM 029234
Section 10 of T24S, R31E
Eddy County, New Mexico
Facility ID: fJMB2221536628

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 August 3, 2022. Temporary pit closure activities were completed on November 10, 2024. The site will be monitored in 2025 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 Notification	Attachment A
Proof of Deed Notice (on-site closure on private land only)	Not Applicable; *BLM Land*
C-105 form (for on-site closures and temporary pits), Plot Plan	Attachment B
Confirmation Sampling Analytical Results	Not Applicable
Waste Material Sampling Analytical Results (required for on-site closure)	Attachment A; *submitted with closure notice*
Disposal Facility Name and Permit Number	Not Applicable*; on-site closure*
Soil Backfilling and Cover Installation	Attachment C
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.tetratech.com

TETRA TECH

If you have any questions or comments regarding this submittal, please contact Kim Beebe at kimbeebe@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*

TETRA TECH

Attachment A

Proof of Closure Notice

From: Venegas, Victoria, EMNRD
To: Beebe, Kim
Cc: Anderson, Justin; Faught, John
Subject: RE: [EXTERNAL] JAVELINA UNIT 610 (610H, 611H, 612H, 507H, 508H) [fJMB2221536628]
Date: Wednesday, October 2, 2024 8:44:37 AM
Attachments: image001.jpg
image002.png

CAUTION: This email originated from an external sender. Verify the source before opening links or attachments.

Good morning Ms. Beebe,
Please include this notice in your closure report and also, please, submit the notification via OCD Online as per conditions of approval.
Thank you.

Victoria Venegas • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. Artesia, NM 88210
(575) 909-0269 | Victoria.Venegas@emnrd.nm.gov
https://www.emnrd.nm.gov/ocd/

From: Beebe, Kim <kimbeebe@chevron.com>
Sent: Wednesday, October 2, 2024 7:38 AM
To: Venegas, Victoria, EMNRD <Victoria.Venegas@emnrd.nm.gov>
Cc: Anderson, Justin <Justin.Anderson@chevron.com>; Faught, John <JOHN.FAUGHT1@tetratech.com>
Subject: [EXTERNAL] JAVELINA UNIT 610 (610H, 611H, 612H, 507H, 508H) [fJMB2221536628]

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Hi Victoria, I would like to submit notification in regards to this permit condition for JAVELINA UNIT 610 (610H, 611H, 612H, 507H, 508H) [fJMB2221536628],.

Kim Beebe
Lead Environmental Specialist – Waste Advisor

Chevron North America Exploration and Production
Mid-Continent Business Unit
6301 Deauville Blvd
Midland, TX 79706
Tel 432 687-7480
Mobile 310 606-9561

TETRA TECH

September 17, 2024

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

RE: Chevron Pit Closure Notice
Javelina Unit 610 (610H, 611H, 612H, 507H, 508H)
Facility ID: fJMB2221536628
BLM Lease #USA NMNM 029234
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 September 9, 2024. The closure process should be completed around November 15, 2024.

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

- Javelina Unit #610H API# 30-015-53379
- Javelina Unit #611H API# 30-015-53376
- Javelina Unit #612H API# 30-015-53377
- Javelina Unit #507H API# 30-015-53380
- Javelina Unit #508H API# 30-015-53375

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 610					
Name	**Chloride (mg/kg)**	**TPH (mg/kg)**	**GRO + DRO**	**Benzene**	**BTEX**
Burial Standard	80,000	2,500	1,000	10	50
Javelina 610	47,800	37.9	37.9 J	<0.00140	0.0380

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,

John Faught, GIT
Project Manager
Tetra Tech, Inc.

Russ Weigand, PG
Account Manager
Tetra Tech, Inc.

Enclosures:

Attachment A: Laboratory Analytical Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/26/2024 1:06:51 PM Revision 1

JOB DESCRIPTION

SND Pad 610
Eddy County NM

JOB NUMBER

880-46972-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/17/2025 1:40:51 PM

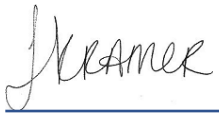
Eurofins Midland

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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8/26/2024 1:06:51 PM
Revision 1

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

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Laboratory Job ID: 880-46972-1
SDG: Eddy County NM

Table of Contents

Definitions/Glossary

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Job ID: 880-46972-1
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
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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 610

Job ID: 880-46972-1

Job ID: 880-46972-1 Eurofins Midland

Job Narrative
880-46972-1

REVISION

The report being provided is a revision of the original report sent on 8/8/2024. The report (revision 1) is being revised due to Per client email, requestin CS-1 to be on own report.

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 samples were received on 8/7/2024 11:38 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°C.

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 continuing calibration verification (CCV) associated with batch 880-87805 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-87886 and analytical batch 880-87894 was outside the upper control limits.

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 and precision for preparation batch 880-87759 and analytical batch 880-87765 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Job ID: 880-46972-1
SDG: Eddy County NM

Client Sample ID: CS-1
Date Collected: 08/07/24 11:11
Date Received: 08/07/24 11:38

Lab Sample ID: 880-46972-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		08/07/24 11:51	08/07/24 21:37	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		08/07/24 11:51	08/07/24 21:37	1
Ethylbenzene	**0.00402**		0.00201	0.00109	mg/Kg		08/07/24 11:51	08/07/24 21:37	1
m-Xylene & p-Xylene	**0.0242**		0.00402	0.00229	mg/Kg		08/07/24 11:51	08/07/24 21:37	1
o-Xylene	**0.00978**		0.00201	0.00159	mg/Kg		08/07/24 11:51	08/07/24 21:37	1
Xylenes, Total	**0.0340**		0.00402	0.00229	mg/Kg		08/07/24 11:51	08/07/24 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/07/24 11:51*	*08/07/24 21:37*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*08/07/24 11:51*	*08/07/24 21:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0380**		0.00402	0.00229	mg/Kg			08/07/24 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**37.9**	**J**	50.0	15.1	mg/Kg			08/08/24 00:50	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		08/07/24 10:32	08/08/24 00:50	1
Diesel Range Organics (Over C10-C28)	**37.9**	**J**	50.0	15.1	mg/Kg		08/07/24 10:32	08/08/24 00:50	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		08/07/24 10:32	08/08/24 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/07/24 10:32*	*08/08/24 00:50*	*1*
o-Terphenyl	*92*		*70 - 130*	*08/07/24 10:32*	*08/08/24 00:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47800**		249	19.6	mg/Kg			08/08/24 01:17	50

Surrogate Summary

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Job ID: 880-46972-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB1	DFBZ1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
880-46972-6	CS-1	117	109								

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)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
880-46972-6	CS-1	96	92								

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Job ID: 880-46972-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-87737/5-A
Matrix: Solid
Analysis Batch: 87760

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87737

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		08/07/24 11:51	08/07/24 16:19	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		08/07/24 11:51	08/07/24 16:19	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		08/07/24 11:51	08/07/24 16:19	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		08/07/24 11:51	08/07/24 16:19	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		08/07/24 11:51	08/07/24 16:19	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		08/07/24 11:51	08/07/24 16:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*08/07/24 11:51*	*08/07/24 16:19*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/07/24 11:51*	*08/07/24 16:19*	*1*

Lab Sample ID: LCS 880-87737/1-A
Matrix: Solid
Analysis Batch: 87760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87737

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1079		mg/Kg		108	70 - 130		
Toluene			0.100	0.09671		mg/Kg		97	70 - 130		
Ethylbenzene			0.100	0.1039		mg/Kg		104	70 - 130		
m-Xylene & p-Xylene			0.200	0.1983		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09691		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-87737/2-A
Matrix: Solid
Analysis Batch: 87760

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87737

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1218		mg/Kg		122	70 - 130	12	35
Toluene			0.100	0.1072		mg/Kg		107	70 - 130	10	35
Ethylbenzene			0.100	0.1153		mg/Kg		115	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.2466		mg/Kg		123	70 - 130	22	35
o-Xylene			0.100	0.1188		mg/Kg		119	70 - 130	20	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-46971-A-1-A MS
Matrix: Solid
Analysis Batch: 87760

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87737

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00140	U	0.0998	0.1065		mg/Kg		107	70 - 130		
Toluene	<0.00201	U	0.0998	0.09284		mg/Kg		93	70 - 130		

QC Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Job ID: 880-46972-1
SDG: Eddy County NM

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

Lab Sample ID: 880-46971-A-1-A MS
Matrix: Solid
Analysis Batch: 87760

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87737

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00110	U	0.0998	0.1138		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	<0.00230	U	0.200	0.2228		mg/Kg		112	70 - 130
o-Xylene	<0.00159	U	0.0998	0.1087		mg/Kg		109	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-46971-A-1-B MSD
Matrix: Solid
Analysis Batch: 87760

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 87737

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00140	U	0.100	0.09484		mg/Kg		95	70 - 130	12	35
Toluene	<0.00201	U	0.100	0.08100		mg/Kg		81	70 - 130	14	35
Ethylbenzene	<0.00110	U	0.100	0.08428		mg/Kg		84	70 - 130	30	35
m-Xylene & p-Xylene	<0.00230	U	0.200	0.1875		mg/Kg		94	70 - 130	17	35
o-Xylene	<0.00159	U	0.100	0.09052		mg/Kg		90	70 - 130	18	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

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

Lab Sample ID: MB 880-87729/1-A
Matrix: Solid
Analysis Batch: 87805

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87729

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		08/07/24 10:32	08/07/24 16:42	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		08/07/24 10:32	08/07/24 16:42	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		08/07/24 10:32	08/07/24 16:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*08/07/24 10:32*	*08/07/24 16:42*	*1*
o-Terphenyl	*86*		*70 - 130*	*08/07/24 10:32*	*08/07/24 16:42*	*1*

Lab Sample ID: LCS 880-87729/2-A
Matrix: Solid
Analysis Batch: 87805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	992.0		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	906.2		mg/Kg		91	70 - 130

QC Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Job ID: 880-46972-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-87729/2-A
Matrix: Solid
Analysis Batch: 87805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87729

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: LCSD 880-87729/3-A
Matrix: Solid
Analysis Batch: 87805

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87729

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	932.2		mg/Kg		93	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	824.7		mg/Kg		82	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: 880-46963-A-10-B MS
Matrix: Solid
Analysis Batch: 87805

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87729

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	995	878.5		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<15.1	U	995	852.3		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: 880-46963-A-10-C MSD
Matrix: Solid
Analysis Batch: 87805

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 87729

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	<14.5	U	995	854.7		mg/Kg		86	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<15.1	U	995	876.8		mg/Kg		88	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	93		70 - 130

QC Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Job ID: 880-46972-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-87886/1-A
Matrix: Solid
Analysis Batch: 87894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87886

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		08/08/24 08:53	08/08/24 09:36	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		08/08/24 08:53	08/08/24 09:36	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		08/08/24 08:53	08/08/24 09:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*69*	*S1-*	*70 - 130*	*08/08/24 08:53*	*08/08/24 09:36*	*1*
o-Terphenyl	*81*		*70 - 130*	*08/08/24 08:53*	*08/08/24 09:36*	*1*

Lab Sample ID: LCS 880-87886/2-A
Matrix: Solid
Analysis Batch: 87894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	848.3		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	946.0		mg/Kg		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*102*		*70 - 130*

Lab Sample ID: LCSD 880-87886/3-A
Matrix: Solid
Analysis Batch: 87894

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87886

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	824.9		mg/Kg		82	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	858.8		mg/Kg		86	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Lab Sample ID: 880-46847-A-1-H MS
Matrix: Solid
Analysis Batch: 87894

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<14.6	U	997	848.8		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	186		997	1005		mg/Kg		82	70 - 130

QC Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Job ID: 880-46972-1
SDG: Eddy County NM

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

Lab Sample ID: 880-46847-A-1-H MS
Matrix: Solid
Analysis Batch: 87894

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 87886

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	121		70 - 130

Lab Sample ID: 880-46847-A-1-I MSD
Matrix: Solid
Analysis Batch: 87894

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 87886

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	<14.6	U	997	808.3		mg/Kg		81	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	186		997	954.2		mg/Kg		77	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	115		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-87759/1-A
Matrix: Solid
Analysis Batch: 87765

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	5.00	0.395	mg/Kg			08/07/24 22:16	1

Lab Sample ID: LCS 880-87759/2-A
Matrix: Solid
Analysis Batch: 87765

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.5		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-87759/3-A
Matrix: Solid
Analysis Batch: 87765

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	244.7		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-46971-A-3-D MS
Matrix: Solid
Analysis Batch: 87765

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	12900	F1	4990	18950	F1	mg/Kg		122	90 - 110		

QC Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Job ID: 880-46972-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-46971-A-3-E MSD
Matrix: Solid
Analysis Batch: 87765

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	12900	F1	4990	18940	F1	mg/Kg		122	90 - 110	0	20

QC Association Summary

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Job ID: 880-46972-1
SDG: Eddy County NM

GC VOA

Prep Batch: 87737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46972-6	CS-1	Total/NA	Solid	5035	

Analysis Batch: 87760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46972-6	CS-1	Total/NA	Solid	8021B	87737

Analysis Batch: 87888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46972-6	CS-1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 87729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46972-6	CS-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 87805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46972-6	CS-1	Total/NA	Solid	8015B NM	87729

Analysis Batch: 87884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46972-6	CS-1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 87759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46972-6	CS-1	Soluble	Solid	DI Leach	

Analysis Batch: 87765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-46972-6	CS-1	Soluble	Solid	300.0	87759

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: SND Pad 610

Job ID: 880-46972-1
SDG: Eddy County NM

Client Sample ID: CS-1

Date Collected: 08/07/24 11:11
Date Received: 08/07/24 11:38

Lab Sample ID: 880-46972-6

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			4.98 g	5 mL	87737	08/07/24 11:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87760	08/07/24 21:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87888	08/07/24 21:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			87884	08/08/24 00:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87729	08/07/24 10:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87805	08/08/24 00:50	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87759	08/07/24 13:05	SA	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	87765	08/08/24 01:17	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 610

Job ID: 880-46972-1
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 610

Job ID: 880-46972-1
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 610

Job ID: 880-46972-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-46972-6	CS-1	Solid	08/07/24 11:11	08/07/24 11:38

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Analysis Request of Chain of Custody Record

1 of 1

8/26/2024 (Rev. 1)

Tetra Tech, Inc.

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

Client Name: Chevron MCBU	**Site Manager:** John Faught
Project Name: SND Pad 610	
Project Location: (county, state) Eddy County, NM	**Project #:** 212C-MD-03278
Invoice to: OGA.ECS.AccountsPayable@tetratech.com	
Receiving Laboratory: Eurofins Laboratory	**Sampler Signature:** Matthew Gastreja

Comments:

Email: john.faught1@tetratech.com; clairgonzales@tetratech.com; kimbeebe@chevron.com

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2024 DATE	SAMPLING TIME	MATRIX WATER	MATRIX Cuttings	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride EPA 300	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Method 9095			Hold
	S-1	8/7/24	1100		X				1		X		X												X							
	S-2		1102		X				1		X		X												X							
	S-3		1105		X				1		X		X												X							
	S-4		1107		X				1		X		X												X							
	S-5		1109		X				1		X		X												X							
	CS-1		1111		X				1		X		X												X							

Relinquished by: Matthew Gastreja	Date: 8/7/24	Time:	Received by: [signature]
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 8.7.24 Time: 1130

LAB USE ONLY

Sample Temperature 5.2/5.1

REMARKS:

- [X] RUSH: Same Day **24 hr** 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Page 19 of 20

Received by OCD: 4/14/2025 3:23:49 PM

Released to Imaging: 4/17/2025 1:40:51 PM

Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 880-46972-1
SDG Number: Eddy County NM

Login Number: 46972
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.	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	

TETRA TECH

Attachment B

C-105 Form, Plot Plan

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-105
Revised April 3, 2017

1. WELL API NO.
30-015-53375, 53376, 53377, 53379, 53380

2. Type of Lease
☐ STATE ☐ FEE ☒ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☐ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☒ **C-144 CLOSURE ATTACHMENT** (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 610 (610H, 611H, 612H, 507H, 508H)

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ 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 11/11/2023	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

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

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

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*

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 - *(Corr.)*

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

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: 11/11/2023

34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude 32.23637 Longitude -103.76418 NAD83

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

Signature	Printed Name	Title	Date
Kim Beebe			
E-mail Address kdfk@chevron	Kim Beebe	Waste Advisor	4/7/2025

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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	

OIL OR GAS SANDS OR ZONES

No. 1, from……..……..….to……. No. 3, from……to…….……

No. 2, from……to…… No. 4, from……to…….

IMPORTANT WATER SANDS

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

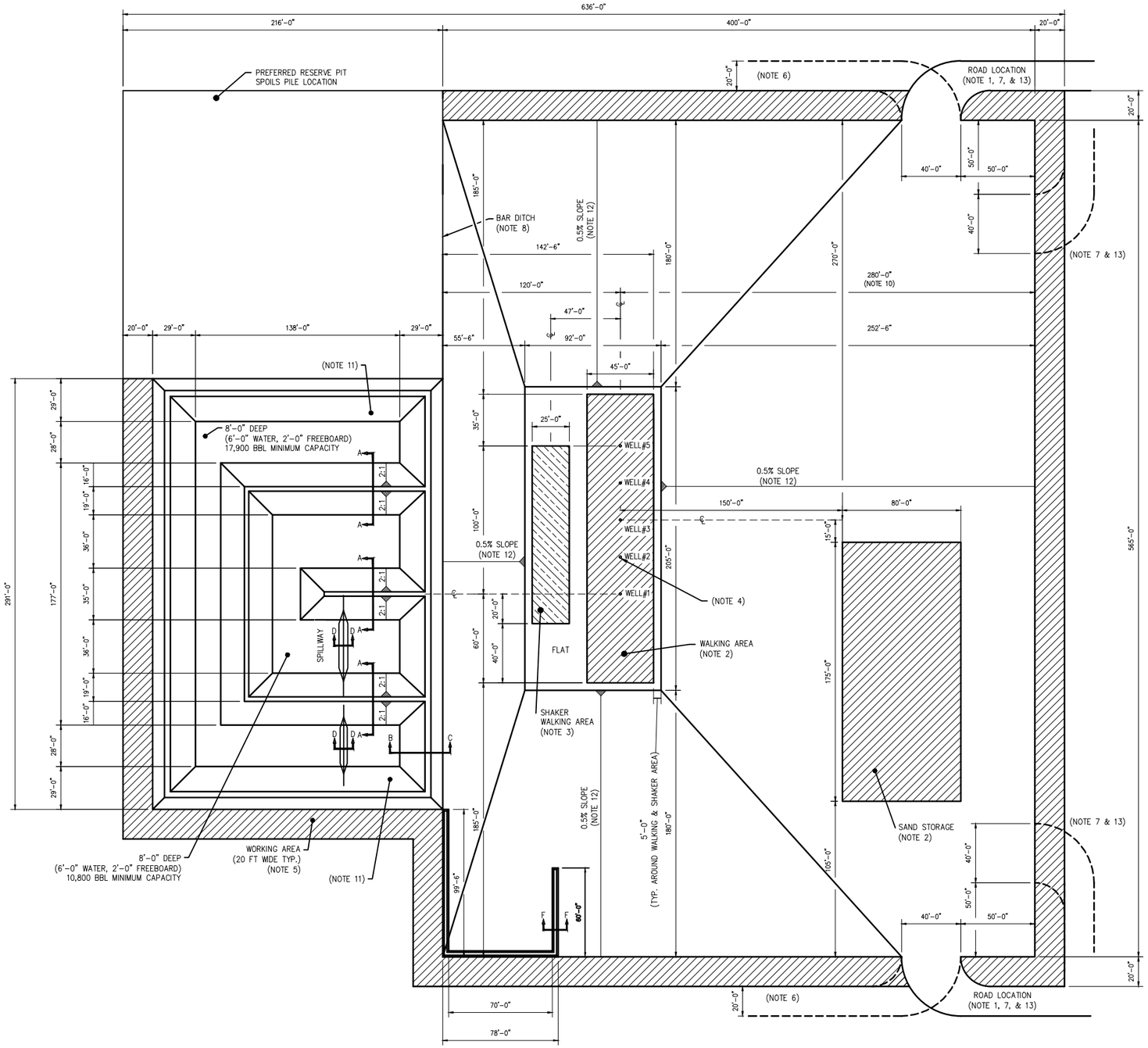
No. 1, from…….to……feet……

No. 2, from…….to……feet……

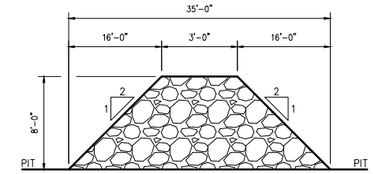
No. 3, from…….to……feet……

LITHOLOGY RECORD (Attach additional sheet if necessary)

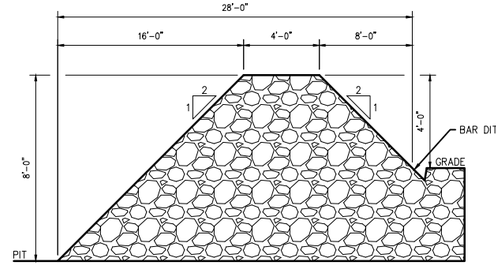
From	To	Thickness In Feet	Lithology		From	To	Thickness In Feet	Lithology



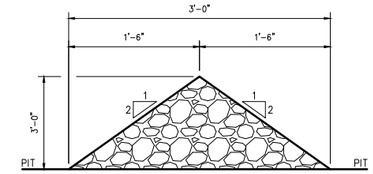
MAGNETIC NORTH



SECTION A–A
NOT TO SCALE

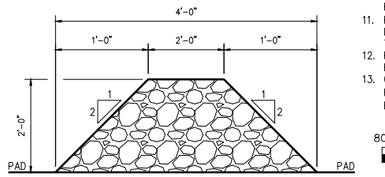


SECTION B–C
NOT TO SCALE



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.
6. ROAD CAN COME FROM EITHER THE NORTH OR SOUTH DIRECTION DEPENDING ON LEASE ORIENTATION.
7. 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.
8. 1FT. X 1FT. BAR DITCHING TO BE PROVIDED BETWEEN PAD AND RESERVE PIT. DITCH WILL BE FILLED WITH 1" CLEAN ROCK.
9. 6 LOADS OF ROCK FOR DRILLING TRAILERS & DITCH COM ROCK DROPPED IN NEW CORNER.
10. DIMENSION SOUTH OF THE WELLS CAN BE REDUCED TO 260' IF BASIS OF DESIGN IS CONVENTIONAL FRAC OPERATIONS.
11. PAINT 8' LONG PIT LEVEL MARKERS EVERY 2' FROM THE BOTTOM LABEL BY THE LENGTH OF THE INCLINE FROM THE BOTTOM OF THE PIT.
12. PREDOMINANT DRAINING DIRECTION TO BE FIELD–DETERMINED BASED ON LOCAL TOPOGRAPHY.
13. CROSS SECTIONAL PLANE OF ROAD ENTRANCES TO PAD TO HAVE MAXIMUM SLOPING OF 0.5% (E.G. NO MORE THAN 2.4" OF ELEVATION DROP ALONG THE WIDTH OF A 40FT ENTRANCE.)



SECTION F–F
NOT TO SCALE

80' 40' 0' 20' 40' 60' 80'

SCALE: 1"=40'

SHEET CIV010

REVISIONS

0	APPROVED FOR CONSTRUCTION BASIN DESIGN, DRF 21103 CSD 04/05/21	EV	CKHT					
1	APPROVED FOR CONSTRUCTION BASIN DESIGN, DRF 21252 EV 08/31/21	EB	UGOS					

AFC
APPROVED FOR CONSTRUCTION

Chevron U.S.A. Inc.

FACTORY STANDARD DRAWINGS
PROJECT DESCRIPTION – COUNTY, STATE

CIVIL – FACTORY STANDARD 5 WELL PAD PLAN – OPEN LOOP

DR. JLH
ENG. KVPY

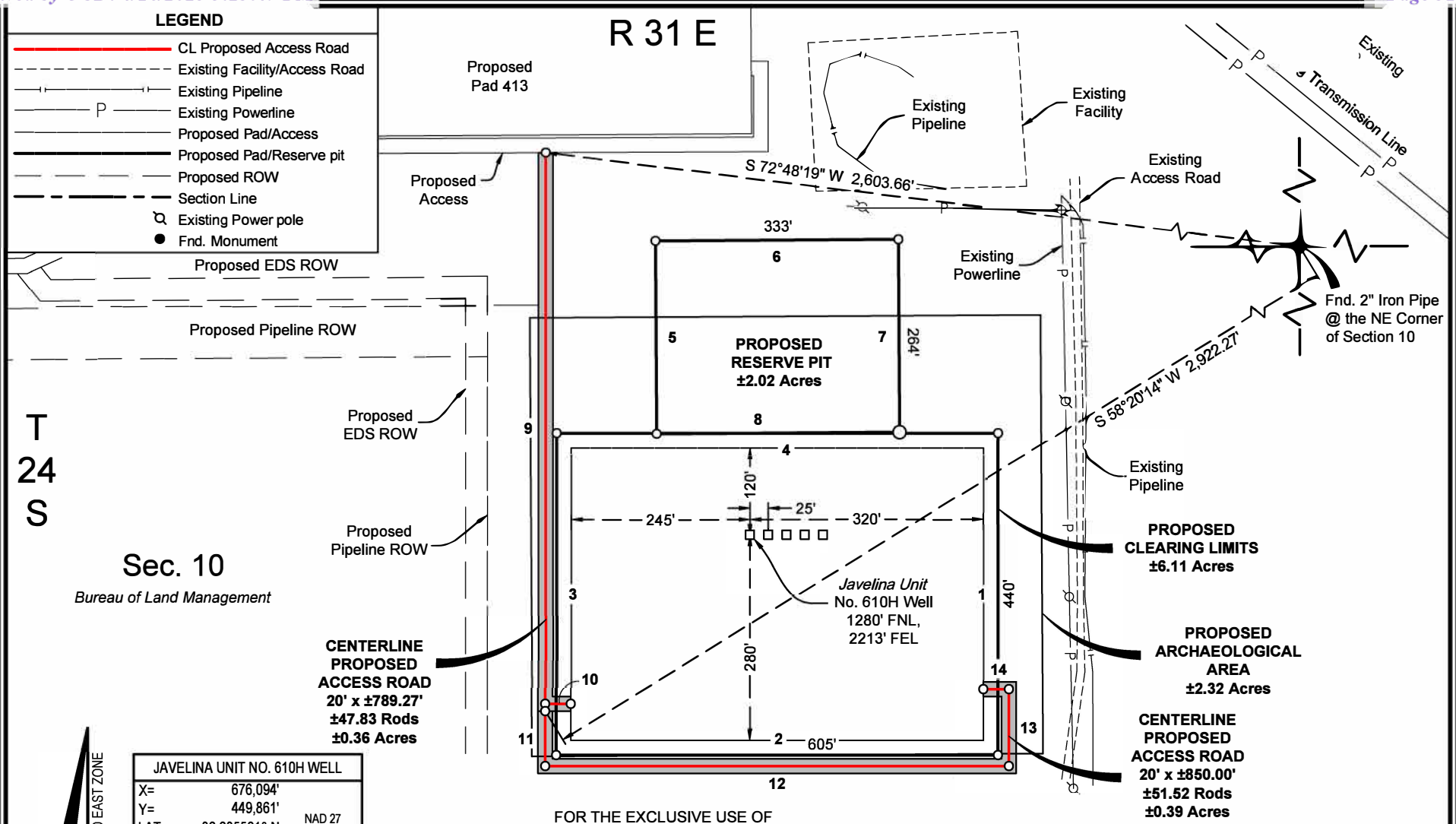
FACTSTD-5WPADOPN-CIV-PVD-MCB-0001-01

1

ALTERNATE DWG NUMBER API NUMBER LEASE NUMBER *

PLOT DATE: 08/31/2021, FILE NAME: 2020–PADSWELLS–MECH–CIV–PVD–MCB–0002–10

Received by OCD: 4/14/2025 3:23:49 PM
Released to Imaging: 4/17/2025 1:40:51 PM



JAVELINA UNIT NO. 610H WELL		
X=	676,094'	NAD 27
Y=	449,861'	
LAT.	32.235501° N	
LONG.	103.763821° W	
X=	717,278'	NAD83/2011
Y=	449,920'	
LAT.	32.235625° N	
LONG.	103.764305° W	
ELEV.	+3477'	NAVD88

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.

ROBERT L. LASTRAPES NEW MEXICO 23006 08/13/2021 PROFESSIONAL SURVEYOR

Robert L. Lastrapes
Registration No. 23006

FENSTERMAKER

C. H. Fenstermaker & Associates, L.L.C.
135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com

WELL PLAT Page 1 of 2

CHEVRON U.S.A. INC.

PROPOSED PAD, RESERVE PIT AND ACCESS ROADS
JAVELINA UNIT NO. 610H WELL
SECTION 10, T24S-R31E
EDDY COUNTY, NEW MEXICO

	REVISIONS			
DRAWN BY: PBH	#	BY:	DATE:	DESCRIPTION:
PROJ. MGR.: VHV				
DATE: 08/03/2021				
FILENAME: T:\2021\2213508\DWG\Javelina Unit No. 610H_Well Plat.dwg				

NW CLEARING LIMITS CORNER			NE CLEARING LIMITS CORNER			NW ARCH AREA CORNER			NE ARCH AREA CORNER			NW RESERVE PIT CORNER			NE RESERVE PIT CORNER		
X=	675,829'	NAD 27	X=	676,434'	NAD 27	X=	675,793'	NAD 27	X=	676,493'	NAD 27	X=	675,965'	NAD 27	X=	676,298'	NAD 27
Y=	450,001'		Y=	450,001'		Y=	450,159'		Y=	450,163'		Y=	450,264'		Y=	450,266'	
LAT.	32.235890° N		LAT.	32.235881° N		LAT.	32.236325° N		LAT.	32.236326° N		LAT.	32.236611° N		LAT.	32.236612° N	
LONG.	103.764676° W		LONG.	103.762719° W		LONG.	103.764792° W		LONG.	103.762528° W		LONG.	103.764234° W		LONG.	103.763157° W	
X=	717,013'	NAD83/2011	X=	717,618'	NAD83/2011	X=	716,976'	NAD83/2011	X=	717,676'	NAD83/2011	X=	717,148'	NAD83/2011	X=	717,481'	NAD83/2011
Y=	450,060'		Y=	450,060'		Y=	450,218'		Y=	450,222'		Y=	450,323'		Y=	450,325'	
LAT.	32.236013° N		LAT.	32.236004° N		LAT.	32.236448° N		LAT.	32.236449° N		LAT.	32.236734° N		LAT.	32.236736° N	
LONG.	103.765160° W		LONG.	103.763203° W		LONG.	103.765276° W		LONG.	103.763012° W		LONG.	103.764718° W		LONG.	103.763641° W	
ELEV.	+3,474'	NAVD88	ELEV.	+3,480'	NAVD88	ELEV.	+3,473'	NAVD88	ELEV.	+3,481'	NAVD88	ELEV.	+3,475'	NAVD88	ELEV.	+3,480'	NAVD88
SW CLEARING LIMITS CORNER			SE CLEARING LIMITS CORNER			SW ARCH AREA CORNER			SE ARCH AREA CORNER			SW RESERVE PIT CORNER			SE RESERVE PIT CORNER		
X=	675,829'	NAD 27	X=	676,434'	NAD 27	X=	675,796'	NAD 27	X=	676,496'	NAD 27	X=	675,966'	NAD 27	X=	676,299'	NAD 27
Y=	449,561'		Y=	449,561'		Y=	449,559'		Y=	449,563'		Y=	450,000'		Y=	450,002'	
LAT.	32.234680° N		LAT.	32.234672° N		LAT.	32.234675° N		LAT.	32.234676° N		LAT.	32.235886° N		LAT.	32.235887° N	
LONG.	103.764683° W		LONG.	103.762727° W		LONG.	103.764791° W		LONG.	103.762527° W		LONG.	103.764233° W		LONG.	103.763156° W	
X=	717,013'	NAD83/2011	X=	717,618'	NAD83/2011	X=	716,980'	NAD83/2011	X=	717,680'	NAD83/2011	X=	717,150'	NAD83/2011	X=	717,483'	NAD83/2011
Y=	449,620'		Y=	449,620'		Y=	449,618'		Y=	449,622'		Y=	450,059'		Y=	450,061'	
LAT.	32.234804° N		LAT.	32.234795° N		LAT.	32.234799° N		LAT.	32.234800° N		LAT.	32.236009° N		LAT.	32.236010° N	
LONG.	103.765167° W		LONG.	103.763211° W		LONG.	103.765275° W		LONG.	103.763011° W		LONG.	103.764717° W		LONG.	103.763640° W	
ELEV.	+3,475'	NAVD88	ELEV.	+3,481'	NAVD88	ELEV.	+3,475'	NAVD88	ELEV.	+3,481'	NAVD88	ELEV.	+3,477'	NAVD88	ELEV.	+3,481'	NAVD88

PROPOSED DRILL PAD		
COURSE	BEARING	DISTANCE
1	SOUTH	440.00'
2	WEST	605.00'
3	NORTH	440.00'
4	EAST	605.00'

CENTERLINE PROPOSED ACCESS ROAD		
COURSE	BEARING	DISTANCE
9	SOUTH	754.27'
10	EAST	35.00'

PROPOSED RESERVE PIT		
COURSE	BEARING	DISTANCE
5	N 00° 22' 31" W	264.00'
6	N 89° 37' 29" E	333.00'
7	S 00° 22' 31" E	264.00'
8	S 89° 37' 29" W	333.00'

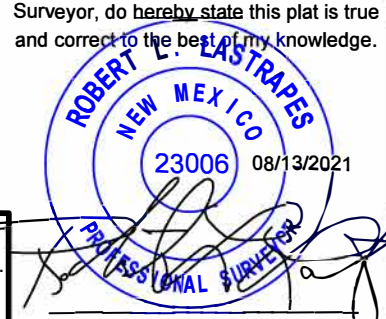
CENTERLINE PROPOSED ACCESS ROAD		
COURSE	BEARING	DISTANCE
11	SOUTH	75.00'
12	EAST	635.00'
13	NORTH	105.00'
14	WEST	35.00'

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

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.



08/13/2021

Robert L. Lastrapes
Registration No. 23006

FENSTERMAKER
C. H. Fenstermaker & Associates, L.L.C.
135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com

WELL PLAT Page 2 of 2

CHEVRON U.S.A. INC.

PROPOSED PAD, RESERVE PIT AND ACCESS ROADS
JAVELINA UNIT NO. 610H WELL
SECTION 10, T24S-R31E
EDDY COUNTY, NEW MEXICO

	REVISIONS			
DRAWN BY: PBH	#	BY:	DATE:	DESCRIPTION:
PROJ MGR.: VHV				
DATE 08/03/2021				

FILENAME: T:\2021\2213508\DWG\Javelina Unit No. 610H_Well Plat.dwg

TETRA TECH

Attachment C

Soil Backfilling and Cover Installation

TETRA TECH

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 received and approved by the NMOCD on August 3, 2022.
2. A five-point composite sample was collected from the Temporary Pit and sent to Eurofins Laboratory in Midland, Texas on August 7, 2024. The sample was analyzed for chloride, TPH, GRO+DRO, benzene, and BTEX. Based on the analytical results, no soil mixing ratio was needed to meet the in-place closure target concentrations found in Table II of 19.15.17.13 NMAC.
3. A closure notice was submitted to the NMOCD on September 17, 2024, with a copy of the analytical report for the five-point composite sample (Attachment A).
4. On September 9, 2024, closure activities commenced with the mixing of the cuttings and sloping of the material so that the overlying liner will shed infiltrating fluids.
5. On October 2, 2024, eTech Environmental mobilized to the site and collected a sample confirming that the mixed cuttings passed paint filter analysis. A copy of the paint filter analytical report is included within this attachment.
6. A 40 mil HDPE liner was then installed in a way that prevents ponding of water and is 8 feet below grade.
7. At least four feet of compacted, uncontaminated, non-waste containing earthen fill were placed above the liner.
8. 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.
9. A steel marker was installed in the center of the former Temporary Pit.
10. The area was broadcast reseeded with BLM #2 Seed Mix (Lot#: 3200) at a distribution rate of 5.243 bulk pounds per acre. Additional reseeding and/or weed control measures will be taken, if necessary, upon monitoring activities in 2025.
11. Final closure and reclamation activities were completed on November 11, 2024.

Tetra Tech
901 West Wall Street, Suite 100, Midland, TX 79701
Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

Photographic Log

Javelina Unit 610 (611H, 612H, 507H, 508H)

Photo 1: Overview of pit closure activities.

Photo 2: Overview of final liner installation.

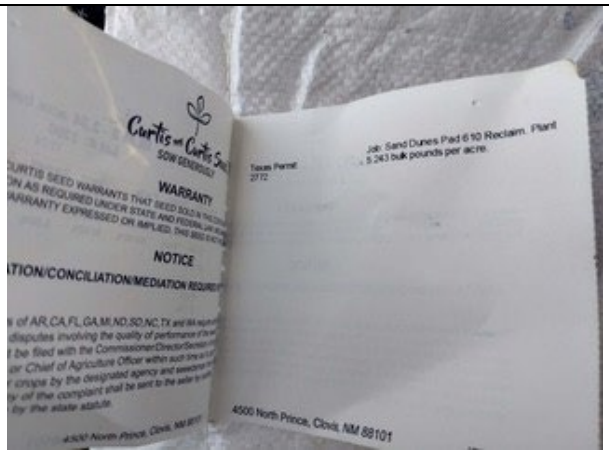


Photo 3: Overview of BLM seed mix.

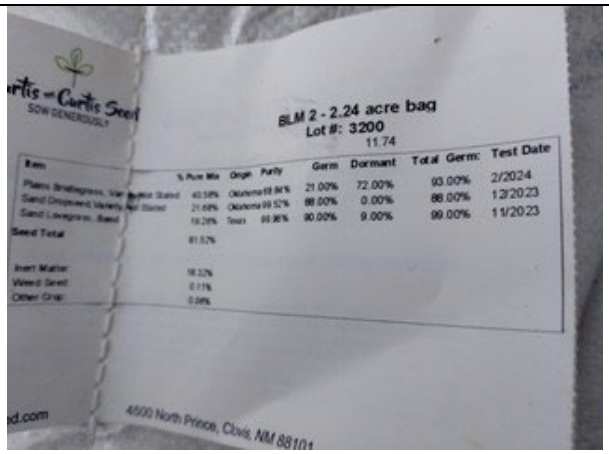


Photo 4: Overview of BLM seed mix.

Photo 5: Overview of final backfill and sign installation.

Page No.	Client:	Site Name:	
1 of 2	Chevron MCBU	Javelina Unit 610	TETRA TECH

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Blake Estep

E Tech Environmental & Safety Solutions, Inc. [1]

13000 West County Road 100

Odessa, TX 79765

Project: SND Pad 610

Project Number: 21240

Location:

Lab Order Number: 4J09006

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 10/10/24

E Tech Environmental & Safety Solutions, Inc. [1]	Project: SND Pad 610
13000 West County Road 100	Project Number: 21240
Odessa TX, 79765	Project Manager: Blake Estep

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Paint Filter Test	4J09006-01	Soil	10/02/24 12:00	10-08-2024 16:05

E Tech Environmental & Safety Solutions, Inc. [1]	Project: SND Pad 610
13000 West County Road 100	Project Number: 21240
Odessa TX, 79765	Project Manager: Blake Estep

Paint Filter Test

4J09006-01 (Soil)

Permian Basin Environmental Lab, L.P.

Physical Parameters by APHA/ASTM/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Free Liquid	PASS		N/A	1	P4J0919	10/09/24 01:07	10/09/24 13:24	EPA 9095	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

E Tech Environmental & Safety Solutions, Inc. [1]	Project: SND Pad 610
13000 West County Road 100	Project Number: 21240
Odessa TX, 79765	Project Manager: Blake Estep

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4J0919 - * DEFAULT PREP *** **										
Duplicate (P4J0919-DUP1)	**Source: 4J09006-01**		Prepared & Analyzed: 10/09/24							
Free Liquid	PASS		N/A		PASS				200	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

E Tech Environmental & Safety Solutions, Inc. [1]	Project: SND Pad 610
13000 West County Road 100	Project Number: 21240
Odessa TX, 79765	Project Manager: Blake Estep

Notes and Definitions

ROI	Received on Ice
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 10/10/2024

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

ETECH Environmental & Safety Solutions, Inc.

Chevron

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

1 of 1

Project Name: SND Pad 610

Project #: 21240 Project Loc:

Area: PO#: 21240

☑ Bill Etech

Report Format: STANDARD:☐ TRRP:☐ NPDES:☐

Project Manager: ~~Brandon Wilson~~ Blake Esteb

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: P.O. Box 62228

City/State/Zip: Midland, Texas 79711

Sampler Signature: email: ~~brandon~~blake@etechenv.com

(lab use only)
ORDER #: 4J090006

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	X Paint Filter Test	RUSH TAT(Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
1	Paint Filter Test	-	-	10-7-24	1200	1	1	X							S												X		X

Special Instructions:

Laboratory Comments:

Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
Sar by Sampler/Client Rep. ? Y N
Sar by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 4.6 °C NCF3

Relinquished by:	Date	Time	Received by:	Date	Time
	10-8-24	4:05PM			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
				10/8/24	16:05

Received by OCD: 4/14/2025 3:23:49 PM

Released to Imaging: 4/17/2025 1:40:51 PM

TETRA TECH

Attachment D

Updated C-144 Form

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

Temp Pit #1

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 610 (610H, 611H, 612H, 507H, 508H)
API Number: 30-015-53375, 53376, 53377, 53379, 53380 OCD Permit Number: Facility ID: [fJMB2221536628]
U/L or Qtr/Qtr D Section 10 Township 24S Range 31E County: Eddy
Center of Proposed Design: Latitude 32.23637 Longitude -103.76418 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: 1x17,900, 1x10,800 bbl Dimensions: L 291' x W 196' x D 8'

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: _____

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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_2S, 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	☐ Yes ☑ No ☐ 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	☐ Yes ☑ No ☐ 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	☑ Yes ☐ No ☐ 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	☐ 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 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	☐ Yes ☑ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ 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
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): Kim Beebe Title: Waste Advisor

Signature: Kim Beebe Date: 4/9/2025

e-mail address: kdfk@chevron.com Telephone: 310-606-9561

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

OCD Representative Signature: Joel Stone **Approval Date:** 04/17/2025

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:** November 10, 2024

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 32.23594 Longitude -103.78813 NAD: ☐ 1927 ☑ 1983

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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): Kim Beebe Title: Waste Advisor

Signature: Kim Beebe Date: 4/7/2025

e-mail address: kimbeebe@chevron.com Telephone: 310-696-9561

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

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 451796
	Action Type: [C-144] Temporary Pit Plan (C-144T)

CONDITIONS

Created By	Condition	Condition Date
joel.stone	The operator shall notify the division when reclamation and re-vegetation are complete.	4/17/2025