

### C-144 Modification request (CO RAPTOR 4 9 FED COM 410 [fVV2213653026])

Date: 4/29/2025

NMOCD,

Chevron MCBU kindly requests a modification from NMOCD to cancel the constructing of the temporary reserve pit for the <u>CO RAPTOR 4 9 FED COM 410 (410H, 411H, 412H) [fVV2213653026]</u>, which was approved on 5/17/2022.

Drilling with earthen reserve pits, aka open-loop drilling, requires a significant increase in fluid volume and surface disturbance compared to the alternative closed-loop (without earthen pits) drilling. In most areas there is evidence to suggest that the cost of sending drilled cuttings to a disposal facility outweighs the cost of ownership (construction, remediation, permitting, etc). There is reason to suggest that the cost of ownership in fact outweighs the cost of drilled cuttings and fluid disposal in New Mexico. While the Drilling Operations team continues to analyze this issue, I see benefit to continuing operations as we have been to benefit the rig team while protecting the environment the best we can.

Thank you for your time and support.

Best regards,

Vera Zhongke Liu

Lead HSE Factory Support Specialist, MCBU

**Chevron Americas Exploration and Production** 

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Chevron USA Incorporated

Chevron USA Inc. 6301 Deauville Blvd Midland, TX 79706 Tel 325-450-1413 District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-144 Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.

For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

## Proposed Alternative Method Permit or Closure Plan Application

1 Toposed 7 Memod 1	erint of Closure Franciscon
	ternative method tank, or proposed alternative method ermit/or registration for an existing permitted or non-permitted pit, below-grade tank,
	44) per individual pit, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liab	bility should operations result in pollution of surface water, ground water or the sly with any other applicable governmental authority's rules, regulations or ordinances.
1.	ly with any other applicable governmental authority's fulles, regulations of orthinances.
Operator: Chevron USA Inc.	OGRID #: 4323
Address: 6301 Deauville Blvd., Midland, TX 79706	
	1
	OCD Permit Number:
U/L or Qtr/Qtr G, H Section 4 Township 258 Range	
Center of Proposed Design: Latitude 32.16119	
Surface Owner: Federal State Private Tribal Trust or Indian A	
Surface Owner. A rederal State Trivate Tribal Trust of Indian A	mounch
Temporary:       ☑ Drilling       ☐ Workover         ☐ Permanent       ☐ Emergency       ☐ Cavitation       ☐ P&A       ☐ Multi-Well Fluid         ☑ Lined       ☐ Unlined       Liner type:       Thickness       _40       _mil       ☐ LLDPI         ☐ String-Reinforced         Liner Seams:       ☒ Welded       ☐ Factory       ☐ Other	
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, lines	r, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other	
Liner type: Thicknessmil	Other
4.  Alternative Method: Submittal of an exception request is required. Exceptions must be submitted.	ed 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 (Require	d if located within 1000 feet of a permanent residence, school, hospital,
institution or church)	and four fact
Four foot height, four strands of barbed wire evenly spaced between one	; and four feet
Alternate. Please specify	

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)	
informing inspections (if netting or screening is not physically feasible)	
5.  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	
Nation State Stat	S
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 acceptance are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	ptable source
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  See Appendices A, B, Figure 7	☐ 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  See Figures 2 & 7	☐ 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  See Figure 4	☐ Yes ⊠ No
<ul> <li>Within an unstable area. (Does not apply to below grade tanks)</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> <li>See Figures 6, 8, 9, Appendix G</li> </ul>	☐ Yes ☑ No
Within a 100-year floodplain. (Does not apply to below grade tanks)  - FEMA map See Figure 3	☐ Yes ⊠ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lakebed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
<ul> <li>Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;.</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	☐ 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.	☐ Yes ☐ No
- Visual inspection (certification) of the proposed site: Aerial photo: Satellite image	1

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  See Figure 6	☐ Yes ⊠ No	
<ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> <li>See Figure 2</li> </ul>	☐ 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 See Appendices A, B, and Figures 1 & 2	☐ Yes ⊠ No	
<ul> <li>Within 300 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> <li>See Figures 2, 5, &amp; 6</li> </ul>	☐ 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	
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 ☐ See Appendix C ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Attached ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC See Appendix D ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC See Appendix E ☐ 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 See Appendix F ☐ Previously Approved Design (attach copy of design) API Number: or Permit Number:		
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 docattached.  □ 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 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:	
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 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   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   Erosion Control Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	documents are
Proposed Closure: 19.15.17.13 NMAC See Appendix F  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 F 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	Fluid Management Pit
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be 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	
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 sou provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. 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  See Appendices A & B, and Figure 7	☐ 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  See Appendices A & B, and Figure 7	☐ 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  See Appendices A & B, and Figure 7	⊠ 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  See Figure 6	☐ 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  See Figure 2	☐ 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	☐ Yes ⊠ No

<ul> <li>NM Office of the State Engineer - iWATERS database; Visual inspection See Appendices A &amp; B, and Figure 7</li> </ul>	(certification) of the proposed site	
Written confirmation or verification from the municipality; Written approval obta	ned from the municipality	☐ Yes ⊠ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspector See Figures 2, 5 & 6	ction (certification) of the proposed site	☐ Yes ⊠ No
Within incorporated municipal boundaries or within a defined municipal fresh wa adopted pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written appro	•	☐ Yes ⊠ No
Within the area overlying a subsurface mine.  - Written confirmation or verification or map from the NM EMNRD-Minin See Figure 4	g and Mineral Division	☐ Yes ⊠ No
Within an unstable area.  - Engineering measures incorporated into the design; NM Bureau of Geolog Society; Topographic map  See Figures 6, 8, & 9, Appendix G	gy & Mineral Resources; USGS; NM Geological	☐ Yes ⊠ No
Within a 100-year floodplain FEMA map See Figure 3		☐ Yes ⊠ No
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 Attached  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  See Appendix D  Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC See Appendix F  Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC See Appendix F  Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC See Appendix F  Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) See Appendix F  Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC See Appendix F  Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC See Appendix F  Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC See Appendix F		
Operator Application Certification:  I hereby certify that the information submitted with this application is true, accurately	ate and complete to the best of my knowledge and beli	ief.
Name (Print): <u>Vera Zhongke Liu</u>		
Signature: The Im		
e-mail address: veraliu@chevron.com	Telephone:	
18.  OCD Approval: Permit Application (including closure plan) Closure Pl	an (only) OCD Conditions (see attachment)	
OCD Representative Signature:	Approval Date:	
Title:	OCD Permit Number:	
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:		
20.		
Closure Method:  Waste Excavation and Removal On-Site Closure Method Alterna  If different from approved plan, please explain.	tive Closure Method   Waste Removal (Closed-lo	oop systems only)

21. Closure Report Attachment Checklist: Instructions: Each of the followi	ing items must be attached to the closure i	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	y)	
Plot Plan (for on-site closures and temporary pits)	•	
Confirmation Sampling Analytical Results (if applicable)		
Waste Material Sampling Analytical Results (required for on-site clos	ure)	
Disposal Facility Name and Permit Number		
Soil Backfilling and Cover Installation		
Re-vegetation Application Rates and Seeding Technique		
Site Reclamation (Photo Documentation)		
	ongituda	NAD: []1027 [] 1083
On-site Closure Location: Latitude L	oligitude	NAD: [1927 [ 1983
22.		
Operator Closure Certification:		
I hereby certify that the information and attachments submitted with this close	sure 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.		
	-r	FF
Name (Print):	Title:	
Signature:	Date:	
	<i>Dute</i> .	<del></del>
e-mail address:	Talanhona	
e-mail address:	Telephone:	

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

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

CONDITIONS

Action 456800

### **CONDITIONS**

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	456800
	Action Type:
	[C-144] Temporary Pit Plan (C-144T)

### CONDITIONS

Created By		Condition Date
joel.stone	Construction of temporary reserve pit has been cancelled at operator's request.	4/30/2025