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.

16128

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

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

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

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

1.
Operator: FARRIS MINES OGRID #:
Address: 419 PALOMINO LANE BLOOMFIELD NM 87413
Facility or well name: FARRIS #1
API Number: 30-031-05266 OCD Permit Number:
U/L or Qtr/Qtr Section 18 Township 18N Range 10W County:
Center of Proposed Design: Latitude 35.784252° Longitude 107.935154 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 mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other
☐ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other Volume: bbl Dimensions: L x W x D

3.
☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: 95 bbl Type of fluid:
Tank Construction material: METAL
☐ 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

OIL CONS. DIV DIST. 3
NOV 06 2017

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 4' HOGWIRE W/METAL TOP

21

6.

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

☒ Screen ☐ Netting ☐ Other METAL

☐ Monthly inspections (If netting or screening is not physically feasible)

7.

Signs: Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☐ Signed in compliance with 19.15.16.8 NMAC

8.

Variances and Exceptions:

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

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

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)** - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. **(Does not apply to below grade tanks)** - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. **(Does not apply to below grade tanks)** - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

10.
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

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

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

11.
Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

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

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

12.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_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): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

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

OCD Representative Signature: _____ **Approval Date:** _____

Title: _____ **OCD Permit Number:** _____

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:** 10/9/17

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) FARRIS FAMILY NOTIFIED / OCD NOTIFIED by J.L.SMITH in PERSON
- ☐ 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) ENVIRO TECH LAB REPORT
- ☐ 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 OK AS IS PER FARRIS FAMILY
- ☒ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 35.784252° Longitude 107° 935154 NAD: ☐1927 ☐ 1983

22.

Operator Closure Certification:

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

Name (Print): JONNIE L. SMITH Title: OWNER

Signature: Jonnie L. Smith Date: OCT. 23, 2017

e-mail address: Sheri-Lyn59@msn.com Telephone: 505-632-8438

FARRIS MINES

SAN JUAN BASIN

BELOW GRADE TANK

CLOSURE PLAN

Lease Name: Farris #1

API No.: 30-031-05266

Description: Farris #1, Section 18, Township 18N, Range 10W, McKinley County

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of below-grade tank on Farris Mines location. This is Farris Mines' standard procedure for all below-grade tanks. A separate plan will be submitted for any below-grade tank which does not conform to this plan.

General Plan

1. **Farris Mines will obtain approval of this closure plan prior to commencing closure of the below grade tank at this location pursuant to 19.15.17.13.C(1)NMAC**
2. **Farris Mines will notify the surface owner: Farris Family owns property**
   a. **Well Name: Farris #1** OWNERS NOTIFIED / FAMILY OWNS PROPERTY
   b. **API #: API #30-031-05266**
   c. **Well Location: McKinley County (12 miles East of Crownpoint, NM on Hwy. # 197 at Seven Lakes) (Lat: 35.784251N, 107.935143W)**
3. **Farris Mines will notify the NMOCD Aztec Office by email that Farris Mines plans closure operations at least 72 hours, but no more than one week, prior to any closure operation. Notice will include:** NOTIFIED O.C.D. by TELEPHONE
   a. **Well Name: Farris #1**
   b. **API: API #30-031-05266**
   c. **Well Location: McKinley County (12 miles East of Crownpoint, NM on Hwy. # 197 at Seven Lakes) (Lat: 35.784251Nm 107935143W)**
4. **Within 60 days of cessation of operations, Farris Mines will remove liquids and sludge from below-grade tank prior to implementing a closure method and will dispose of the liquids and sludge in a division-approved facility. Approved facilities and waste streams include:** LIQUIDS REMOVED AND DISPOSED OF AT BASIN DISPOSAL

a. Soils, tank bottoms, produced sand, pit sludge and other exempt wastes impacted by petroleum hydrocarbons will be disposed of at: ***Envirotech: Permit #NM01-0011 and IEI: Permit # NM01-0010B***

b. Produced Water will be disposed of at: ***Basin Disposal: Permit #NM01-005***

5. Within six (6) months of cessation of operations, Farris Mines will remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves. If there is any equipment associated with a below-grade tank, then Farris Mines shall remove the equipment, unless the equipment is required for some other purpose. **Note:** (equipment will remain on location for the use of local rancher, including below-grade tank). PIT TANK REMOVED / SEPT. 27, 2017 / LEFT ON SITE

6. Farris Mines will collect a closure sample of the soil beneath the location of the below-grade tank that is being closed. The closure sample will consist of five-point composite sample to include any obvious stained or wet soils, or other evidence of contamination. The closure sample will be analyzed for all constituents listed in Table I, including DRO+ GRO, Chlorides, TPH, benzene and BTEX. (See Table I)

SAMPLES TAKEN AT 9:45 AM 9/27/2017

TABLE I

Depth Below bottom of pit to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit
≤ 50 Feet	Chloride	EPA 300.0	600 mg/kg
	TPH	Method 418.1	100 mg/kg
	BTEX	Method 8021B or 8260B	50 mg/kg
	Benzene	Method 8021B or 8260B	10 mg/kg
* 51 feet - 100 feet	Chloride	EPA 300.0	10,000 mg/kg
	TPH	Method 418.1	2,500 mg/kg
	GRO + DRO	Method 8015	1,000 mg/kg
	BTEX	Method 8021B or 8260B	50 mg/kg
	Benzene	Method 8021B or 8260B	10 mg/kg
> 100 feet	Chloride	EPA 300.0	20,000 mg/kg
	TPH	EPA 418.1	2,500 mg/kg
	GRO + DRO	Method 8015	1,000 mg/kg
	BTEX	Method 8021B or 8260B	50 mg/kg
	Benzene	Method 8021B or 8260B	10 mg/kg

* Depth to water Based on Land owner claims for well on property AND Distances to Large Surface playa Lake.

ENVIROTECH RAN SAMPLES o SEE ATTACHED REPORT.

7. If any contaminant concentration is higher than the parameters listed in Table I of 19.15.17.13NMAC, the division may require additional delineation upon review of the results and Farris Mines must receive approval before proceeding with closure. If all contaminant concentrations are less than or equal to the parameters listed in Table I of 19.15.17.13 NMAC, then Farris Mines can proceed to backfill the pit, pad, or excavation with non-waste containing, uncontaminated, earthen material. **Note:** (Farris family owns property and location will remain as is, with possible removal of four-foot fence around tanks).

FAMILY AGGREED; AND AREA LEFT AS IS!

8. After closure has occurred, Farris Mines will reclaim the former BGT area, if it is no longer being used for extraction of oil and gas, by substantially restoring the impacted surface area to the condition that existed prior to oil and gas operations. **Note:** (Farris family, owners of property, will leave the existing area as is.)

FAMILY OK WITH AREA, AS IS!

9. Farris Mines will complete reclamation of all disturbed areas no longer in use when the ground disturbance activities at the site have been completed. **Note:** (Farris family owns property and area will remain as is).

NOTIFIED IN PERSON - 10/24/17

10. Farris Mines will notify the Aztec Office of the NMOCD by email when reclamation and closure activities are completed.
11. Within 60 days of closure, Farris Mines will submit a closure report to the Aztec office of the NMOCD, filed on Form C-144. The report will include the following:
    a. Proof of closure notice to NMOCD and surface owner –
    b. Confirmation sampling analytical results – ENVIROTECH LAB REPORT
    c. Soil backfill and cover installation information – LEFT AS IS – OK WITH FAMILY
    d. Photo documentation of site reclamation (2 photos INCLUDED)

NMOCD - NOTIFIED IN PERSON by J.L. SMITH

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
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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-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company FARRIS MINES	Contact JONNIE L SMITH
Address 419 PALOMINO LANE	Telephone No. 505-632-8438
Facility Name FARRIS #1	Facility Type OIL WELL

Surface Owner FARRIS FAMILY	Mineral Owner FARRIS FAMILY	API No. 30-031-05266

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	18	18N	10W					

Latitude 35.784252° Longitude 107.935154 NAD83

NATURE OF RELEASE

Type of Release BGT Closure	Volume of Release N/A	Volume Recovered N/A
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery 10/9/17
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required	If YES, To Whom? N/A	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☐ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
BGT Closure

Describe Area Affected and Cleanup Action Taken.*
NO RELEASE OCCURED AT SITE. SEE ATTACHED LAB SAMPLES

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Jonnie L. Smith	OIL CONSERVATION DIVISION
Printed Name: JONNIE L. SMITH	Approved by Environmental Specialist:
Title: OWNER	Approval Date: / Expiration Date:
E-mail Address: Sheri-Lyn59@msn.com	Conditions of Approval: / Attached ☐
Date: 10/23/2017 Phone: 505-632-8438	

* Attach Additional Sheets If Necessary

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Analytical Laboratory

Analytical Report

Report Summary

Client: Farris Mines

Chain Of Custody Number:

Samples Received: 9/29/2017 9:45:00AM

Job Number: 17063-C-0001

Work Order: P709064

Project Name/Location: Farris 1

Report Reviewed By: _____ Date: 10/9/17

Walter Hinchman, Laboratory Director

_____ Date: 10/9/17

Tim Cain, Quality Assurance Officer

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

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Analytical Laboratory

Farris Mines	Project Name:	Farris 1	
419 Palomino Lane	Project Number:	17063-C-0001	**Reported:**
Bloomfield NM, 87413	Project Manager:	Sheri Lyn	09-Oct-17 16:02

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC-1	P709064-01A	Soil	09/28/17	09/29/17	Glass Jar, 4 oz.
	P709064-01B	Soil	09/28/17	09/29/17	Glass Jar, 4 oz.
	P709064-01C	Soil	09/28/17	09/29/17	Glass Jar, 4 oz.

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Farris Mines	Project Name:	Farris 1	
419 Palomino Lane	Project Number:	17063-C-0001	**Reported:**
Bloomfield NM, 87413	Project Manager:	Sheri Lyn	09-Oct-17 16:02

SC-1
P709064-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1739030	09/29/17	10/02/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1739030	09/29/17	10/02/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1739030	09/29/17	10/02/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1739030	09/29/17	10/02/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1739030	09/29/17	10/02/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1739030	09/29/17	10/02/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1739030	09/29/17	10/02/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*		*50-150*	*1739030*	*09/29/17*	*10/02/17*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1739030	09/29/17	10/02/17	EPA 8015D	
Diesel Range Organics (C10-C28)	**128**	25.0	mg/kg	1	1739028	09/29/17	10/03/17	EPA 8015D	
Oil Range Organics (C28-C40+)	**150**	50.0	mg/kg	1	1739028	09/29/17	10/03/17	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.3 %*		*50-150*	*1739030*	*09/29/17*	*10/02/17*	*EPA 8015D*	
Surrogate: n-Nonane		*98.2 %*		*50-200*	*1739028*	*09/29/17*	*10/03/17*	*EPA 8015D*	
Anions by 300.0									
Chloride	**61.3**	20.0	mg/kg	1	1741001	10/09/17	10/09/17	EPA 300.0	

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Farris Mines	Project Name:	Farris 1	
419 Palomino Lane	Project Number:	17063-C-0001	**Reported:**
Bloomfield NM, 87413	Project Manager:	Sheri Lyn	09-Oct-17 16:02

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1739030 - Purge and Trap EPA 5030A										
Blank (1739030-BLK1)				Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	*7.79*		"	*8.00*		*97.3*	*50-150*			
LCS (1739030-BS1)				Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Benzene	4.96	0.10	mg/kg	5.00		99.3	70-130			
Toluene	4.86	0.10	"	5.00		97.3	70-130			
Ethylbenzene	4.89	0.10	"	5.00		97.8	70-130			
p,m-Xylene	9.71	0.20	"	10.0		97.2	70-130			
o-Xylene	4.78	0.10	"	5.00		95.7	70-130			
Total Xylenes	14.5	0.10	"	15.0		96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.89*		"	*8.00*		*98.6*	*50-150*			
Matrix Spike (1739030-MS1)	**Source: P709064-01**			Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Benzene	4.98	0.10	mg/kg	5.00	ND	99.6	54.3-133			
Toluene	4.89	0.10	"	5.00	ND	97.8	61.4-130			
Ethylbenzene	4.91	0.10	"	5.00	ND	98.3	61.4-133			
p,m-Xylene	9.76	0.20	"	10.0	ND	97.6	63.3-131			
o-Xylene	4.81	0.10	"	5.00	ND	96.2	63.3-131			
Total Xylenes	14.6	0.10	"	15.0	ND	97.2	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.85*		"	*8.00*		*98.1*	*50-150*			
Matrix Spike Dup (1739030-MSD1)	**Source: P709064-01**			Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Benzene	5.03	0.10	mg/kg	5.00	ND	101	54.3-133	1.00	20	
Toluene	4.92	0.10	"	5.00	ND	98.5	61.4-130	0.772	20	
Ethylbenzene	4.95	0.10	"	5.00	ND	98.9	61.4-133	0.673	20	
p,m-Xylene	9.83	0.20	"	10.0	ND	98.3	63.3-131	0.712	20	
o-Xylene	4.84	0.10	"	5.00	ND	96.9	63.3-131	0.729	20	
Total Xylenes	14.7	0.10	"	15.0	ND	97.9	63.3-131	0.718	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.88*		"	*8.00*		*98.4*	*50-150*			

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Analytical Laboratory

Farris Mines	Project Name:	Farris 1	
419 Palomino Lane	Project Number:	17063-C-0001	**Reported:**
Bloomfield NM, 87413	Project Manager:	Sheri Lyn	09-Oct-17 16:02

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1739028 - DRO Extraction EPA 3570										
Blank (1739028-BLK1)				Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40+)	ND	50.0	"							
Surrogate: n-Nonane	*40.6*		"	*50.0*		*81.2*	*50-200*			
LCS (1739028-BS1)				Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Diesel Range Organics (C10-C28)	421	25.0	mg/kg	500		84.3	38-132			
Surrogate: n-Nonane	*42.1*		"	*50.0*		*84.2*	*50-200*			
Matrix Spike (1739028-MS1)		**Source: P709051-01**		Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Diesel Range Organics (C10-C28)	457	25.0	mg/kg	500	48.5	81.8	38-132			
Surrogate: n-Nonane	*43.1*		"	*50.0*		*86.2*	*50-200*			
Matrix Spike Dup (1739028-MSD1)		**Source: P709051-01**		Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Diesel Range Organics (C10-C28)	457	25.0	mg/kg	500	48.5	81.6	38-132	0.152	20	
Surrogate: n-Nonane	*41.0*		"	*50.0*		*82.0*	*50-200*			

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Farris Mines	Project Name:	Farris 1	
419 Palomino Lane	Project Number:	17063-C-0001	**Reported:**
Bloomfield NM, 87413	Project Manager:	Sheri Lyn	09-Oct-17 16:02

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1739030 - Purge and Trap EPA 5030A										
Blank (1739030-BLK1)				Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.79*		"	*8.00*		*97.4*	*50-150*			
LCS (1739030-BS2)				Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Gasoline Range Organics (C6-C10)	47.2	20.0	mg/kg	50.0		94.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.68*		"	*8.00*		*96.0*	*50-150*			
Matrix Spike (1739030-MS2)		**Source: P709064-01**		Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Gasoline Range Organics (C6-C10)	46.3	20.0	mg/kg	50.0	ND	92.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.05*		"	*8.00*		*101*	*50-150*			
Matrix Spike Dup (1739030-MSD2)		**Source: P709064-01**		Prepared: 29-Sep-17 Analyzed: 02-Oct-17						
Gasoline Range Organics (C6-C10)	46.9	20.0	mg/kg	50.0	ND	93.7	70-130	1.18	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.80*		"	*8.00*		*97.5*	*50-150*			

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Farris Mines	Project Name:	Farris 1	
419 Palomino Lane	Project Number:	17063-C-0001	**Reported:**
Bloomfield NM, 87413	Project Manager:	Sheri Lyn	09-Oct-17 16:02

Anions by 300.0 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1741001 - Anion Extraction EPA 300.0										
Blank (1741001-BLK1)				Prepared & Analyzed: 09-Oct-17						
Chloride	ND	20.0	mg/kg							
LCS (1741001-BS1)				Prepared & Analyzed: 09-Oct-17						
Chloride	259	20.0	mg/kg	250		104	90-110			
Matrix Spike (1741001-MS1)		**Source: P709064-01**		Prepared & Analyzed: 09-Oct-17						
Chloride	321	20.0	mg/kg	250	61.3	104	80-120			
Matrix Spike Dup (1741001-MSD1)		**Source: P709064-01**		Prepared & Analyzed: 09-Oct-17						
Chloride	329	20.0	mg/kg	250	61.3	107	80-120	2.65	20	

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Farris Mines	Project Name:	Farris 1	
419 Palomino Lane	Project Number:	17063-C-0001	**Reported:**
Bloomfield NM, 87413	Project Manager:	Sheri Lyn	09-Oct-17 16:02

Notes and Definitions

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

Project Information | Chain of Custody | Page 1 of 1

Page 9 of 9

Client:	FARRIS MINES
Project:	Farris 1
Project Manager:	J.L. SMITH
Address:	419 PALOMINO LANE
City, State, Zip	BLOOMFIELD, NM 87413
Phone:	505-632-8438
Email:	Sheri_Lyn59@MSN.COM

Report Attention

Report due by:	
Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#: P709064 | Job Number:

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ (NM: X)

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chlorides 300.0	TPH 418.1	Remarks
09:45	9/29/17	S	3	SC-1	1	X	X	X			X		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Jennie L. Smith

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jennie L. Smith	9/29/17	09:45 AM	Adam Chee	9/29/17	09:45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: Y / N
T1 ____ T2 ____ T3 ____
AVG Temp °C 4.0 °C

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboraotry is limited to the amount paid for on the report.

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BELOW GROUND LEVEL TANK REMOVED FARRIS #1

SAMPLE POINTS
AFTER TANK REMOVED