



June 13, 2023

New Mexico Oil Conservation Division

New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Remediation Work Plan
MCA 95
Incident Number NAPP2306757137
Lea County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Maverick Permian, LLC (Maverick), has prepared the following *Remediation Work Plan (Work Plan)* to address impacted soil resulting from a flow line release at the MCA 95 (Site). The following *Work Plan* proposes lateral and vertical delineation of the release and excavation of the impacted soil.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit J, Section 20, Township 17 South, Range 33 East, in Lea County, New Mexico (32.817529°, -103.787126°) and is associated with oil and gas exploration and production operations on federal land managed by the Bureau of Land Management (BLM).

On February 21, 2023, internal corrosion of a flow line caused the release of approximately 5.6 barrels (bbls) of crude oil into the surrounding pasture. The released fluids affected approximately 1,665 square feet of pasture. No released fluids were recovered. Maverick reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on February 27, 2023. The release was assigned Incident Number NAPP2306757137.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be between 51 and 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well RA-12020 POD1, located 0.96 miles southeast of the Site. The groundwater well has a reported depth to groundwater of 81 feet bgs and a total depth of 120 feet bgs. The Site is located on the west flank of Mescalero Ridge. Topography falls steeply off of the caprock and begins to flatten toward the Querecho Plains. Groundwater wells show a clear trend of deeper water (greater than 100 feet bgs) on and near the top

Maverick Permian, LLC
Remediation Work Plan
MCA 95

of the caprock with a gradual shallowing pattern toward the flatter plains where groundwater is consistently between 51 and 100 feet bgs (Figure 1). Documented depth to water along the caprock range from 130 feet bgs to 202 feet bgs. Groundwater wells at lower elevations on the plains east of the Site document depth to groundwater ranging between 75 feet bgs and 124 feet bgs. Depth to groundwater at the Site likely falls somewhere between this range. Nowhere within 3 miles of the Site has documented groundwater shallower than 50 feet bgs and there are no surface features, such as watercourses, ponds, wetlands, or vegetation indicative of shallow groundwater. The Site is not located in a known karst area, lowering the possibility of voids and conduits for storage of shallow groundwater. Based on the number of wells from the Site, a consistent pattern of depth to groundwater that corresponds to topography and, therefore, underlying geology, and the location along the flank of Mescalero Ridge, it is evident that groundwater is deep and a conservative estimate of between 51 and 100 feet bgs is estimated. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an emergent wetland, located approximately 5,455 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH applies to the top 4 feet of the pasture area that was impacted by the release, per NMAC 19.15.29.13.D (1) for the top 4 feet of areas that will be reclaimed following remediation.

PROPOSED REMEDIATION WORKPLAN

Maverick requests approval to complete the following remediation activities:

- Complete Site assessment activities within and around the release extent to delineate the lateral and vertical extent of impacted soil resulting from the crude oil release.
 - Soil samples will be collected outside of the release extent from a depth of 0.5 feet bgs to confirm the lateral extent of the release.
 - Boreholes will be advanced via hand auger within the release extent to assess the vertical extent of impacted soil. Soil from the boreholes will be field screened at 1-foot intervals for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Field screening results and observations will be logged on lithologic/soil sampling logs. Two delineation samples from each borehole will be submitted for laboratory analysis; the sample with the highest field screening result and the sample from the final borehole depth.

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- Final depth of the boreholes will be determined by field screening results indicating compliance with the Site Closure Criteria or the reclamation requirements for the top four feet.
- The soil samples will be placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples will be transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.
- Impacted soil will be excavated from the release area based on delineation soil sample analytical results.
 - Excavation will proceed laterally until sidewall samples are compliant with the reclamation requirements in the top four feet.
 - Excavation will proceed vertically until floor samples are compliant with the reclamation requirements in the top four feet or the Site Closure Criteria at depths greater than 4 feet bgs.
 - Following removal of the impacted soil, 5-point composite confirmation samples will be collected at least every 200 square feet from the sidewalls and floor of the excavation. The 5-point composite samples will be collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. The excavation samples will be submitted for laboratory analysis of BTEX, TPH, and chloride as described above.
- The excavation will be backfilled and recontoured to match pre-existing conditions. The disturbed pasture area will be re-seeded with an approved BLM seed mixture.
- The impacted soil will be disposed of at a licensed disposal facility.

Maverick will complete the delineation and excavation activities within 90 days of the date of approval of this *Work Plan* by the NMOCD. A final report requesting closure will be submitted within 30 days of receipt of final laboratory analytical results. Maverick believes the scope of work described above meets the requirements set forth in 19.15.29.13 NMAC and is protective of human health, the environment, and groundwater. As such, Maverick respectfully requests approval of this *Work Plan* for Incident Number NAPP2306757137. The Form C-141 is included in Appendix B.

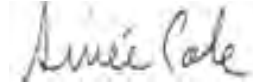
Maverick Permian, LLC
Remediation Work Plan
MCA 95

If you have any questions or comments, please contact Ms. Kalei Jennings at (817) 683-2503 or kjennings@ensolum.com.

Sincerely,
Ensolum, LLC



Kalei Jennings
Senior Project Manager



Aimee Cole
Senior Managing Scientist

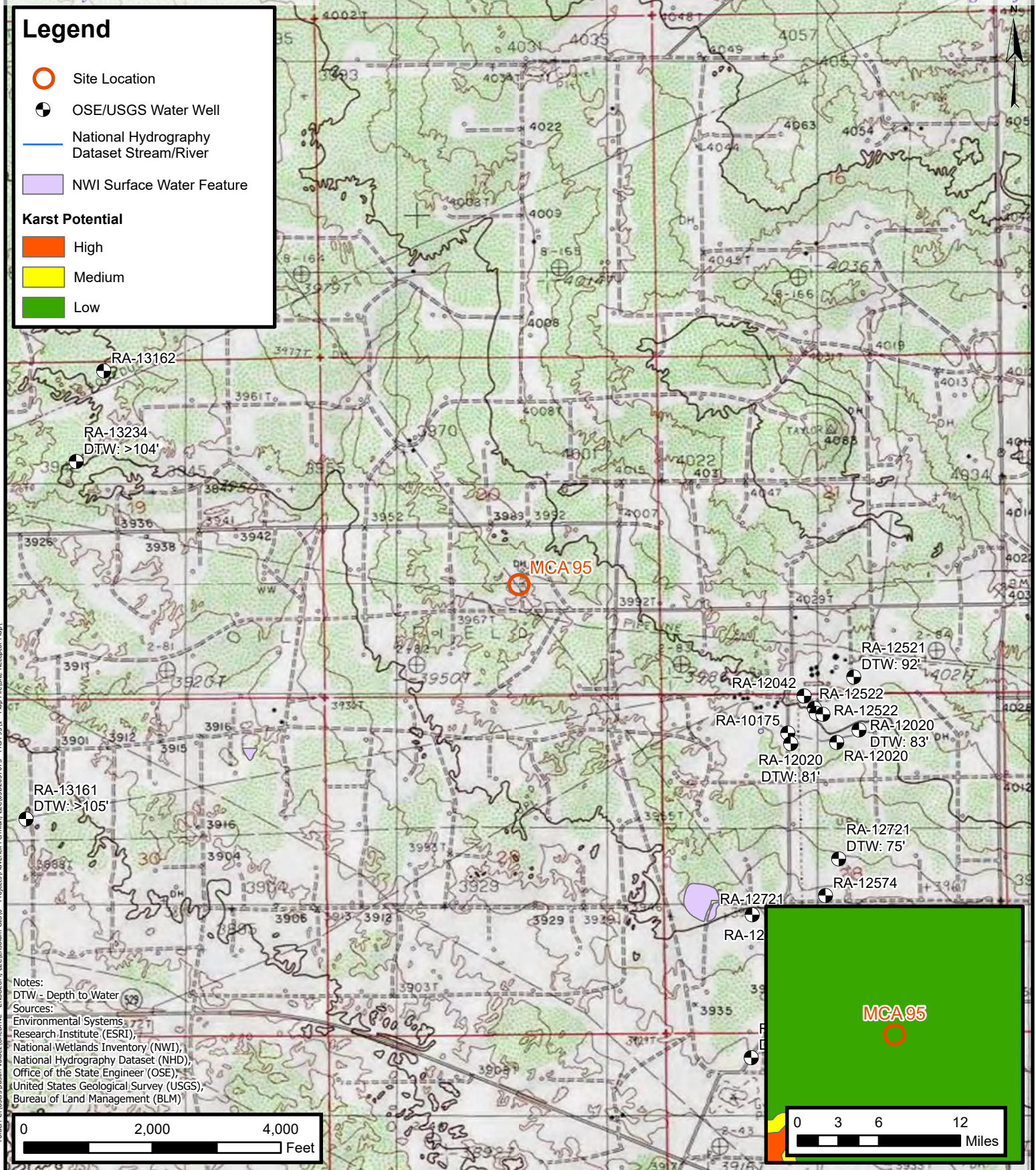
cc: Bryce Wagoner, Maverick Permian, LLC
Bureau of Land Management

Appendices:

| | |
|------------|-------------------------|
| Figure 1 | Site Receptor Map |
| Appendix A | Referenced Well Records |
| Appendix B | Form C-141 |



FIGURES





APPENDIX A

Referenced Well Records



New Mexico Office of the State Engineer

Water Right Summary


[get image list](#)

WR File Number: RA 12020 **Subbasin:** RA **Cross Reference:** -
Primary Purpose: MON MONITORING WELL
Primary Status: PMT PERMIT
Total Acres: **Subfile:** - **Header:** -
Total Diversion: 0 **Cause/Case:** -
Owner: PHILLIPS 66 COMPANY
Contact: TOM WYNN

Documents on File

| | Trn # | Doc | File/Act | Status | | Transaction Desc. | From/ To | Acres | Diversion | Consumptive |
|----------------------------|--------|------|------------|--------|-----|-------------------|-------------|-------|-----------|-------------|
| | | | | 1 | 2 | | | | | |
| get images | 534328 | EXPL | 2013-09-20 | PMT | LOG | RA 12020 | T | 0 | 0 | |

Current Points of Diversion

(NAD83 UTM in meters)

| POD Number | Well Tag | Source | Q | | | | X | | Y | Other Location Desc |
|-------------------------------|----------|---------|----|-----|----|-----|-----|-----|--------|---------------------|
| | | | 64 | Q16 | Q4 | Sec | Tws | Rng | | |
| RA 12020 POD1 | | Shallow | 2 | 2 | 1 | 28 | 17S | 32E | 614828 | 3630954 MW-21 |
| RA 12020 POD2 | | | 3 | 1 | 2 | 28 | 17S | 32E | 615046 | 3630960 |
| RA 12020 POD3 | | Shallow | 2 | 1 | 2 | 28 | 17S | 32E | 615152 | 3631019 MW-23 |

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.


11/23/22 9:39 AM

WATER RIGHT SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

| | | | | | | | | | |
|--------------------------------|---------------|--|-----|----|-----|------------------------|-------------------------------|-----------------------|---|
| | | (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) | | | | | | (NAD83 UTM in meters) | |
| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tw | Rng | X | Y |
| | RA 12020 POD1 | 2 | 2 | 1 | 28 | 17S | 32E | 614828 | 3630954  |
| | | | | | | | | | |
| Driller License: 1456 | | Driller Company: | | | | WHITE DRILLING COMPANY | | | |
| Driller Name: | | WHITE, JOHN (LD) | | | | | | | |
| Drill Start Date: 09/24/2013 | | Drill Finish Date: | | | | 09/25/2013 | | Plug Date: | |
| Log File Date: 10/07/2013 | | PCW Rev Date: | | | | | | Source: Shallow | |
| Pump Type: | | Pipe Discharge Size: | | | | Estimated Yield: | | | |
| Casing Size: 2.00 | | Depth Well: | | | | 120 feet | | Depth Water: 81 feet | |
| | | | | | | | | | |
| Water Bearing Stratifications: | | | | | Top | Bottom | Description | | |
| | | | | | 70 | 111 | Sandstone/Gravel/Conglomerate | | |
| | | | | | 111 | 120 | Shale/Mudstone/Siltstone | | |
| | | | | | | | | | |
| Casing Perforations: | | | | | Top | Bottom | | | |
| | | | | | 75 | 110 | | | |
| | | | | | | | | | |

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/23/22 9:39 AM

POINT OF DIVERSION SUMMARY



APPENDIX B

FORM C-141

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-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|----------------|----------------|
| Incident ID | NAPP2306757137 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | |
|---|---------------------------------|
| Responsible Party: Maverick Permian, LLC | OGRID: 331199 |
| Contact Name: Bryce Wagoner | Contact Telephone: 928-241-1862 |
| Contact email: Bryce.Wagoner@mavresources.com | Incident # (assigned by OCD) |
| Contact mailing address: 1410 NW County Road Hobbs, NM 88240 | |

Location of Release Source

Latitude 32.817529 Longitude -103.787126
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|---|-----------------------------------|
| Site Name MCA 95 | Site Type |
| Date Release Discovered February 21, 2023 | API# (if applicable) 30-025-08065 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| J | 20 | 17S | 32E | Lea |

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name:)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|---|--|---|
| <input checked="" type="checkbox"/> Crude Oil | Volume Released (bbls) 5.6 bbls | Volume Recovered (bbls) 0 bbls |
| <input type="checkbox"/> Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

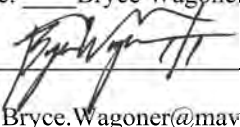
Cause of Release
The release was caused by corrosion of a flowline. The release occurred on and off pad. A vaccum truck was dispatched to the location and recovered approximately 2.5 bbls of free-standing fluids. The source of the release has been stopped and the impacted area has been secured.

| | |
|----------------|----------------|
| Incident ID | NAPP2306757137 |
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| | |
|---|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? | |

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

| | |
|--|----------------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped. | |
| <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. | |
| <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. | |
| <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. | |
| If all the actions described above have <u>not</u> been undertaken, explain why: | |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. | |
| Printed Name: Bryce Wagoner | Title: Permian HSE Specialist II |
| Signature:  | Date: 2/27/2023 |
| email: Bryce.Wagoner@mavresources.com | Telephone: 928-241-1862 |
| <u>OCD Only</u> | |
| Received by: Jocelyn Harimon | Date: 03/08/2023 |

NAPP2306757137

| Pooled Fluids on the Surface | | | | | | | | | | |
|------------------------------|-----------------|----------------|---------------|--|------------------------|-----------------------------------|--|-------------------------|---|---|
| | Length (ft.) | Width (ft.) | Depth (in) | # of Boundaries <i>*edges of pool where depth is 0. don't count shared boundaries</i> | Oil-Water Ratio (%) | Pooled Area (ft ²) | Estimated Average Depth (ft.) | Pooled Volume (bbl.) | Volume of Oil in Subsurface (bbl.) | Volume of Water in Subsurface (bbl.) |
| Rectangle A | 17.0 | 98.0 | 0.5 | 4.0 | 1.00 | 1666.0 | 0.0 | 3.1 | 3.09 | 0.00 |
| Rectangle B | | | | | | 0.0 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |
| Rectangle C | | | | | | 0.000 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |
| Rectangle D | | | | | | 0.000 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |
| Rectangle E | | | | | | 0.000 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |
| Total Volume (bbls): | | | | | | | | 3.09 | 3.09 | 0.00 |

| Subsurface Fluids | | | | | | | | | | |
|----------------------|-----------------|----------------|----------------|--|------------------------|----------------------------|------------------|--|---|---|
| | Length (ft.) | Width (ft.) | Depth (in.) | Saturation (%) <i>*10% in consolidated sediments after rain to 50% in sand with no precipitation</i> | Oil-Water Ratio (%) | Area (ft ²) | Volume (bbl.) | Estimated Volume in Subsurface (bbl.) | Volume of Oil in Subsurface (bbl.) | Volume of Water in Subsurface (bbl.) |
| Rectangle A | 17.0 | 98.0 | 1.0 | 0.1 | 1.00 | 1666.0 | 24.7 | 2.5 | 2.47 | 0.0 |
| Rectangle B | | | | | | 0.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| Rectangle C | | | | | | 0.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| Rectangle D | | | | | | 0.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| Rectangle E | | | | | | 0.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| Rectangle F | | | | | | 0.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| Rectangle G | | | | | | 0.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| Rectangle H | | | | | | 0.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| Rectangle I | | | | | | 0.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| Rectangle J | | | | | | 0.0 | 0.0 | 0.0 | 0.00 | 0.0 |
| Total Volume (bbls): | | | | | | | | 2.47 | 2.47 | 0.00 |

| | |
|------------------------------|-----|
| TOTAL RELEASE VOLUME (bbls): | 5.6 |
|------------------------------|-----|

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 195154

CONDITIONS

| | |
|--|---|
| Operator: Maverick Permian LLC 1111 Bagby Street Suite 1600 Houston, TX 77002 | OGRID: 331199 |
| | Action Number: 195154 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| jharimon | None | 3/8/2023 |

| | |
|----------------|----------------|
| Incident ID | NAPP2306757137 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | <u>51-100</u> (feet bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release 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? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

| | |
|----------------|----------------|
| Incident ID | NAPP2306757137 |
| District RP | |
| Facility ID | |
| Application ID | |

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: ___Bryce Wagoner_____

Title: ___Permian HSE Specialist II_____

Signature: _____

Date: _____06/14/2023_____

email: ___bryce.wagoner@mavresources.com_____

Telephone: ___928-241-1862_____

OCD Only

Received by: ___Jocelyn Harimon_____

Date: ___06/15/2023_____

| | |
|----------------|----------------|
| Incident ID | NAPP2306757137 |
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| Application ID | |

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: Bryce Wagoner Title: Permian HSE Specialist IISignature:  Date: 06/14/2023email: Bryce.Wagoner@mavresources.com Telephone: 928-241-1862**OCD Only**Received by: Jocelyn Harimon Date: 06/15/2023☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

see text box below - NV

Signature:  Date: _____

Remediation plan is approved under the following conditions;

1. Soil samples must be collected outside of the release to confirm the lateral extent of the release.
2. All other proposal within this plan have been accepted.
3. Operator must include site characterization supporting documentation in its final closure report.
4. Maverick Permian has 90-days (December 14, 2023) to submit its appropriate or final closure report.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 228051

CONDITIONS

| | |
|--|---|
| Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002 | OGRID: 331199 |
| | Action Number: 228051 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| nvelez | Remediation plan is approved under the following conditions; 1. Soil samples must be collected outside of the release to confirm the lateral extent of the release. 2. All other proposal within this plan have been accepted. 3. Operator must include site characterization supporting documentation in its final closure report. 4. Maverick Permian has 90-days (December 14, 2023) to submit its appropriate or final closure report. | 9/15/2023 |