



September 18, 2025

**New Mexico Oil Conservation Division**

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

**Re: Closure Request  
Randy Federal Water Booster  
Incident Number nAPP2518236810  
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), has prepared this *Closure Request* to document the findings of a liner integrity inspection conducted at the Randy Federal Water Booster (Site) following the release of produced water within a secondary lined containment. Based on the liner integrity inspection activities, Hilcorp is submitting this *Closure Request*, describing the inspection results and requesting closure for Incident Number nAPP2518236810.

**SITE DESCRIPTION AND RELEASE SUMMARY**

The Site is located in Unit H, Section 22, Township 17 South, Range 30 East, in Eddy County, New Mexico (32.82277°, -103.95212°) and is associated with oil and gas exploration and production operations on federal land owned by the Bureau of Land Management (BLM).

On June 30, 2025, internal corrosion of a fill line to the tank resulted in the release of approximately 150 barrels (bbls) of produced water into a secondary lined containment. A vacuum truck was dispatched to the Site to recover the released fluids and all released fluids were recovered. Hilcorp reported the release to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) on July 1, 2025, and submitted an Initial Release C-141 Form (C-141) on July 15, 2025. The release was assigned Incident Number nAPP2518236810.

**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 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below and potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a recent soil boring drilled for determination of regional groundwater depth. On March 21, 2023, a soil boring permitted by New Mexico Office of the State Engineer (NMOSE) (RA-13288) was completed approximately 0.83 miles northeast of the Site utilizing hollow stem auger methods. The soil boring RA-13288 was drilled to a total depth of 101 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting

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period without observing groundwater, it was confirmed that groundwater beneath the Site was greater than 101 feet bgs. The borehole was properly plugged with drill cuttings and hydrated bentonite chips. All wells used for depth to groundwater determination are presented on Figure 1. The Well Record & Log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash located approximately 1,852 feet northwest 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).

Based on the results of the Site Characterization, and NMOCD's preference that depth to groundwater data be obtained within a 0.5 mile radius of the Site and from within the last 25 years, 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): 100 mg/kg
- Chloride: 600 mg/kg

## **LINER INTEGRITY INSPECTION ACTIVITIES**

A 48-hour advanced notice of the liner inspection was submitted to the NMOCD on August 15, 2025. The lined containment was cleaned of all debris and power washed and a liner integrity inspection was conducted by Ensolum personnel on August 21, 2025. During the inspection, standing water was observed within the containment area, attributed to a recent rain event. The lined containment was inspected, and it was determined that the liner was operating as designed. Upon inspection, no rips, tears, holes, or damage was observed. The liner was determined to be operating sufficiently, and all released fluids were recovered. Photographic documentation of the inspection is included in Appendix B.

## **CLOSURE REQUEST**

Liner integrity inspection activities were completed following a June 30, 2025, release of produced water within a secondary lined containment at the Site. A liner integrity inspection was conducted on behalf of Hilcorp, by Ensolum personnel on August 21, 2025. The results of the inspection indicated that the liner was operating as designed and the release was contained laterally by the lined containment walls. Based on initial response efforts and the liner operating as designed, Hilcorp respectfully requests closure for Incident Number nAPP2518236810.

Hilcorp Energy Company  
Closure Request  
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If you have any questions or comments, please contact Ms. Kalei Jennings at (817) 683-2503 or [kjennings@ensolum.com](mailto:kjennings@ensolum.com).

Sincerely,  
**Ensolum, LLC**



Alex Ferrell  
Associate Geologist



Kalei Jennings  
Senior Managing Scientist

Cc: Billy Ginn, Hilcorp Energy Company

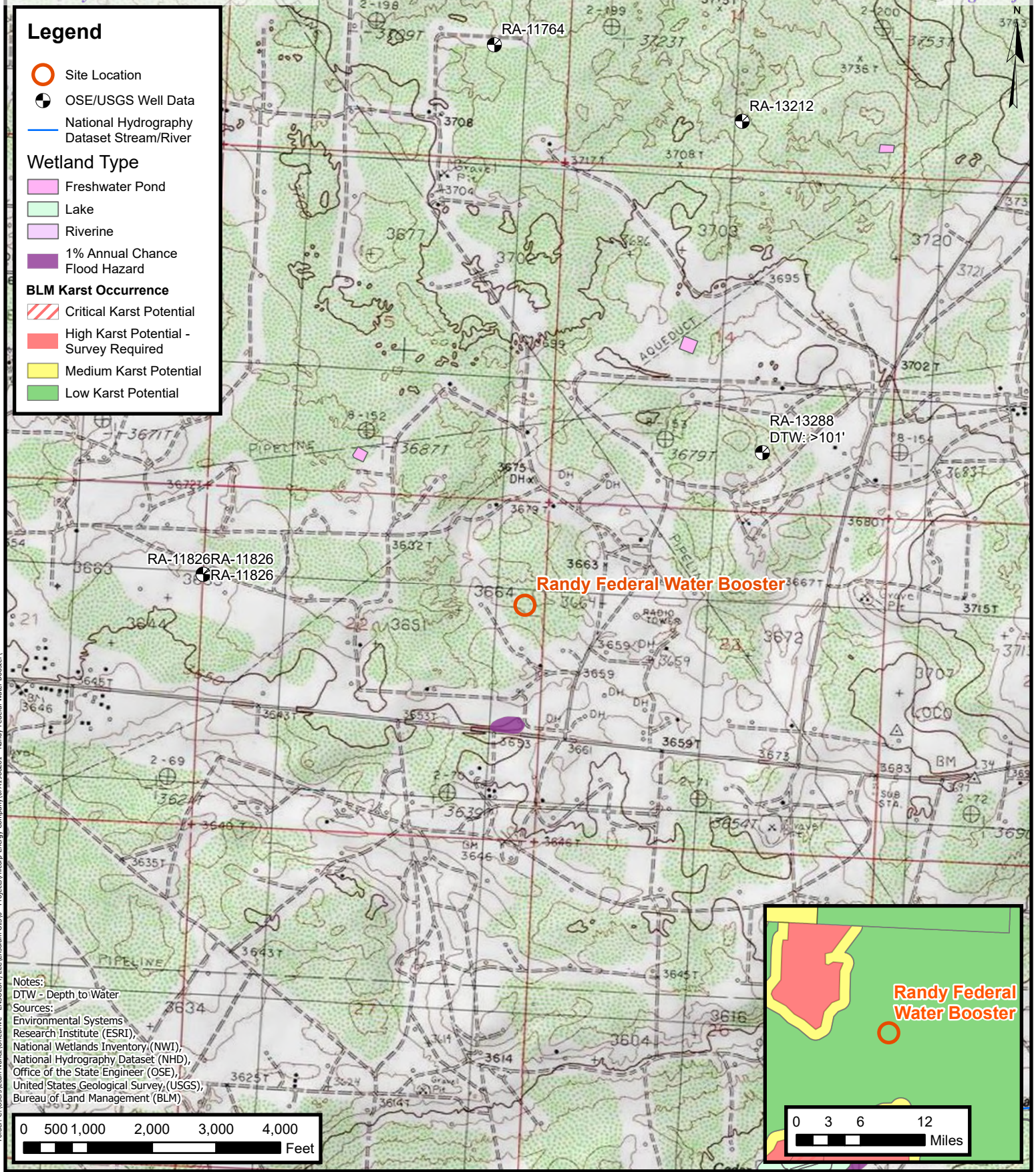
Appendices:

|            |                         |
|------------|-------------------------|
| Figure 1   | Site Receptor Map       |
| Figure 2   | Site Map                |
| Appendix A | Referenced Well Records |
| Appendix B | Photographic Log        |



FIGURES





## Site Receptor Map

Hilcorp Energy Company  
Randy Federal Water Booster  
Incident Number: NAPP2518236810  
Unit H, Sec 22, T17S, R30E  
Eddy County, New Mexico

FIGURE

1





**Site Map**

Hilcorp Energy Company  
Randy Federal Water Booster  
Incident Number: NAPP2518236810  
Unit H, Section 22, T 17S, R30E Eddy  
County, New Mexico

**FIGURE**

**2**



## APPENDIX A

### Referenced Well Records

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# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

|                                                                                                                                                                 |                                                                                                                                                                                             |                           |                                              |                                                                                           |                                                              |                                                                      |                                                                     |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|--------------------|
| 1. GENERAL AND WELL LOCATION                                                                                                                                    | OSE POD NO. (WELL NO.)<br>POD1 (TW-1)                                                                                                                                                       |                           | WELL TAG ID NO.<br>N/A                       |                                                                                           | OSE FILE NO(S).<br>RA-13288                                  |                                                                      |                                                                     |                    |
|                                                                                                                                                                 | WELL OWNER NAME(S)<br>Burnett Oil Co.                                                                                                                                                       |                           |                                              |                                                                                           | PHONE (OPTIONAL)<br>817-332-5108                             |                                                                      |                                                                     |                    |
|                                                                                                                                                                 | WELL OWNER MAILING ADDRESS<br>87 Square Lake Rd.                                                                                                                                            |                           |                                              |                                                                                           | CITY<br>Loco Hills                                           | STATE<br>NM                                                          | ZIP<br>88255                                                        |                    |
|                                                                                                                                                                 | WELL LOCATION (FROM GPS)                                                                                                                                                                    | DEGREES<br>LATITUDE<br>32 | MINUTES<br>49                                | SECONDS<br>47.14                                                                          | N                                                            | * ACCURACY REQUIRED: ONE TENTH OF A SECOND                           |                                                                     |                    |
|                                                                                                                                                                 |                                                                                                                                                                                             | LONGITUDE<br>103          | 56                                           | 25.67                                                                                     | W                                                            | * DATUM REQUIRED: WGS 84                                             |                                                                     |                    |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE<br>NE SW SE Sec. 14 T17S R30E, NMPM |                                                                                                                                                                                             |                           |                                              |                                                                                           |                                                              |                                                                      |                                                                     |                    |
| 2. DRILLING & CASING INFORMATION                                                                                                                                | LICENSE NO.<br>1249                                                                                                                                                                         |                           | NAME OF LICENSED DRILLER<br>Jackie D. Atkins |                                                                                           |                                                              | NAME OF WELL DRILLING COMPANY<br>Atkins Engineering Associates, Inc. |                                                                     |                    |
|                                                                                                                                                                 | DRILLING STARTED<br>03/21/2023                                                                                                                                                              |                           | DRILLING ENDED<br>03/21/2023                 |                                                                                           | DEPTH OF COMPLETED WELL (FT)<br>Temporary Well Material -101 | BORE HOLE DEPTH (FT)<br>±101                                         | DEPTH WATER FIRST ENCOUNTERED (FT)<br>N/A                           |                    |
|                                                                                                                                                                 | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)                                             |                           |                                              |                                                                                           |                                                              | STATIC WATER LEVEL IN COMPLETED WELL (FT)<br>N/A                     | DATE STATIC MEASURED<br>03/27/2023                                  |                    |
|                                                                                                                                                                 | DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:                                                                                              |                           |                                              |                                                                                           |                                                              |                                                                      |                                                                     |                    |
|                                                                                                                                                                 | DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger |                           |                                              |                                                                                           |                                                              |                                                                      | CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/> |                    |
|                                                                                                                                                                 | DEPTH (feet bgl)<br>FROM TO                                                                                                                                                                 |                           | BORE HOLE DIAM (inches)                      | CASING MATERIAL AND/OR GRADE<br>(include each casing string, and note sections of screen) | CASING CONNECTION TYPE<br>(add coupling diameter)            | CASING INSIDE DIAM. (inches)                                         | CASING WALL THICKNESS (inches)                                      | SLOT SIZE (inches) |
|                                                                                                                                                                 | 0 101                                                                                                                                                                                       |                           | 6.25"                                        | Soil Boring                                                                               | --                                                           | --                                                                   | --                                                                  | --                 |
|                                                                                                                                                                 |                                                                                                                                                                                             |                           |                                              |                                                                                           |                                                              |                                                                      |                                                                     |                    |
|                                                                                                                                                                 |                                                                                                                                                                                             |                           |                                              |                                                                                           |                                                              |                                                                      |                                                                     |                    |
|                                                                                                                                                                 |                                                                                                                                                                                             |                           |                                              |                                                                                           |                                                              |                                                                      |                                                                     |                    |
| 3. ANNULAR MATERIAL                                                                                                                                             | DEPTH (feet bgl)<br>FROM TO                                                                                                                                                                 |                           | BORE HOLE DIAM. (inches)                     | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL                         | AMOUNT (cubic feet)                                          | METHOD OF PLACEMENT                                                  |                                                                     |                    |
|                                                                                                                                                                 |                                                                                                                                                                                             |                           |                                              | N/A                                                                                       |                                                              |                                                                      |                                                                     |                    |
|                                                                                                                                                                 |                                                                                                                                                                                             |                           |                                              |                                                                                           |                                                              |                                                                      |                                                                     |                    |
|                                                                                                                                                                 |                                                                                                                                                                                             |                           |                                              |                                                                                           |                                                              |                                                                      |                                                                     |                    |
|                                                                                                                                                                 |                                                                                                                                                                                             |                           |                                              |                                                                                           |                                                              |                                                                      |                                                                     |                    |
|                                                                                                                                                                 |                                                                                                                                                                                             |                           |                                              |                                                                                           |                                                              |                                                                      |                                                                     |                    |
|                                                                                                                                                                 |                                                                                                                                                                                             |                           |                                              |                                                                                           |                                                              |                                                                      |                                                                     |                    |

OSE DOT APR 7 2022 11:37

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

|                                |                            |                       |
|--------------------------------|----------------------------|-----------------------|
| FILE NO. <b>RA-13288</b>       | POD NO. <b>1</b>           | TRN NO. <b>743817</b> |
| LOCATION <b>175.306.14 234</b> | WELL TAG ID NO. <b>N/A</b> | PAGE 1 OF 2           |



| 4. HYDROGEOLOGIC LOG OF WELL                                                                                                                                                                        | DEPTH (feet bgl) |     | THICKNESS<br>(feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED -<br>INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES<br>(attach supplemental sheets to fully describe all units) | WATER<br>BEARING?<br>(YES / NO)                  | ESTIMATED<br>YIELD FOR<br>WATER-<br>BEARING<br>ZONES (gpm) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------|
|                                                                                                                                                                                                     | FROM             | TO  |                     |                                                                                                                                                          |                                                  |                                                            |
|                                                                                                                                                                                                     | 0                | 4   | 4                   | Sand, fine-grained, poorly graded, unconsolidated, Reddish Brown                                                                                         | Y    ✓ N                                         |                                                            |
|                                                                                                                                                                                                     | 4                | 19  | 15                  | Sand, fine-grained, poorly graded, with sub angular gravel 0.25" Reddish Brown                                                                           | Y    ✓ N                                         |                                                            |
|                                                                                                                                                                                                     | 19               | 80  | 61                  | Sand, fine-grained, poorly graded, with sub angular gravel 0.25" Reddish Brown                                                                           | Y    ✓ N                                         |                                                            |
|                                                                                                                                                                                                     | 80               | 101 | 21                  | Clay, Stiff, with medium/fine grained sand, Brownish Red                                                                                                 | Y    ✓ N                                         |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
|                                                                                                                                                                                                     |                  |     |                     |                                                                                                                                                          | Y    N                                           |                                                            |
| METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:<br><input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY: |                  |     |                     |                                                                                                                                                          | TOTAL ESTIMATED<br>WELL YIELD (gpm):        0.00 |                                                            |

| 5. TEST; RIG SUPERVISION | WELL TEST                                                                                                                                             | TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.                                                                                                                                        |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          |                                                                                                                                                       | MISCELLANEOUS INFORMATION: Removed temporary well material from soil boring, backfilled with drill cutting from total depth to 10 feet below ground surface, then placed hydrated bentonite from 10 feet to ground surface. See attached plugging record.<br><br><div style="text-align: right;">USE ON APR 7 2023 @ 11:38</div> |
|                          | PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:<br>Shane Eldridge, Cameron Pruitt |                                                                                                                                                                                                                                                                                                                                  |

| 6. SIGNATURE                                                                                                                    | THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: |                    |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <br>SIGNATURE OF DRILLER / PRINT SIGNEE NAME | Jackie D. Atkins                                                                                                                                                                                                                                                                                            | 04/07/2023<br>DATE |

FOR USE INTERNAL USE

WR-20 WELL RECORD &amp; LOG (Version 01/28/2022)

|                                    |                           |                       |
|------------------------------------|---------------------------|-----------------------|
| FILE NO. <b>NA-13288</b>           | POD NO. <b>1</b>          | TRN NO. <b>743817</b> |
| LOCATION <b>17S. 30E. 14 2 3 4</b> | WELL TAG ID NO. <b>NA</b> | PAGE 2 OF 2           |



## APPENDIX B

### Photographic Log

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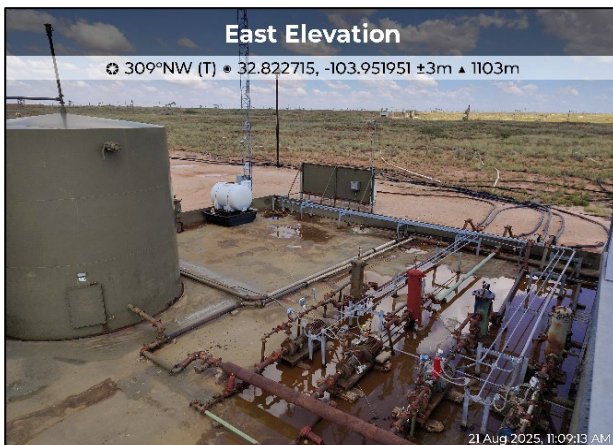
### Photographic Log

Hilcorp Energy Company  
Randy Federal Water Booster  
Incident ID: nAPP2518236810



Photograph: 1 Date: 8/21/2025  
Description: Secondary containment view with recent rain  
View: East

Photograph: 2 Date: 8/21/2025  
Description: Secondary containment view with recent rain  
View: Southeast



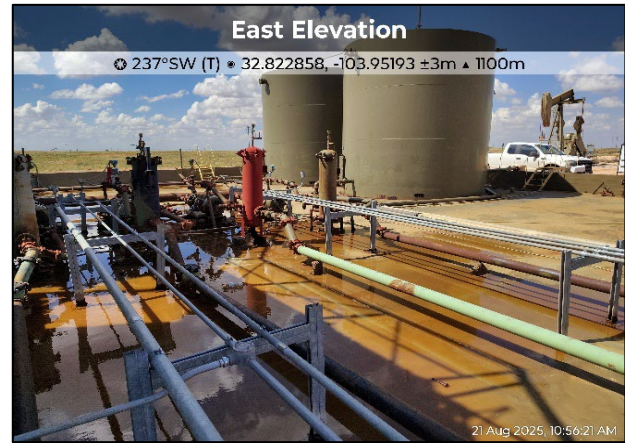
Photograph: 3 Date: 8/21/2025  
Description: Secondary containment view with recent rain  
View: Northwest

Photograph: 4 Date: 8/21/2025  
Description: Secondary containment view with recent rain  
View: Northwest





**Photographic Log**  
Hilcorp Energy Company  
Randy Federal Water Booster  
Incident ID: nAPP2518236810



Photograph: 5 Date: 8/21/2025  
Description: Secondary containment view with recent rain  
View: North

Photograph: 6 Date: 8/21/2025  
Description: Secondary containment view with recent rain  
View: Southwest



Photograph: 7 Date: 8/21/2025  
Description: Secondary containment view with recent rain  
View: Northeast

Photograph: 8 Date: 8/21/2025  
Description: Secondary containment view with recent rain  
View: Northwest

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 509454

**QUESTIONS**

|                                                                                |                                                                             |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                                            |
|                                                                                | Action Number:<br>509454                                                    |
|                                                                                | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| Prerequisites    |                                                           |
|------------------|-----------------------------------------------------------|
| Incident ID (n#) | nAPP2518236810                                            |
| Incident Name    | NAPP2518236810 RANDY FEDERAL WATER BOOSTER @ H-22-17S-30E |
| Incident Type    | Produced Water Release                                    |
| Incident Status  | Remediation Closure Report Received                       |

**Location of Release Source***Please answer all the questions in this group.*

|                         |                             |
|-------------------------|-----------------------------|
| Site Name               | Randy Federal Water Booster |
| Date Release Discovered | 06/30/2025                  |
| Surface Owner           | Federal                     |

**Incident Details***Please answer all the questions in this group.*

|                                                                                                      |                        |
|------------------------------------------------------------------------------------------------------|------------------------|
| Incident Type                                                                                        | Produced Water Release |
| Did this release result in a fire or is the result of a fire                                         | No                     |
| Did this release result in any injuries                                                              | No                     |
| Has this release reached or does it have a reasonable probability of reaching a watercourse          | No                     |
| Has this release endangered or does it have a reasonable probability of endangering public health    | No                     |
| Has this release substantially damaged or will it substantially damage property or the environment   | No                     |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No                     |

**Nature and Volume of Release***Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

|                                                                                                                                                      |                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Crude Oil Released (bbls) Details                                                                                                                    | Not answered.                                                                                          |
| Produced Water Released (bbls) Details                                                                                                               | Cause: Corrosion   Water Tank   Produced Water   Released: 150 BBL   Recovered: 150 BBL   Lost: 0 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l                                                                                  | No                                                                                                     |
| Condensate Released (bbls) Details                                                                                                                   | Not answered.                                                                                          |
| Natural Gas Vented (Mcf) Details                                                                                                                     | Not answered.                                                                                          |
| Natural Gas Flared (Mcf) Details                                                                                                                     | Not answered.                                                                                          |
| Other Released Details                                                                                                                               | Not answered.                                                                                          |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered.                                                                                          |

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

General Information  
Phone: (505) 629-6116

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

QUESTIONS, Page 2

Action 509454

**QUESTIONS (continued)**

|                                                                                |                                                                             |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                                            |
|                                                                                | Action Number:<br>509454                                                    |
|                                                                                | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| <b>Nature and Volume of Release (continued)</b>                                                                                                         |                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Is this a gas only submission (i.e. only significant Mcf values reported)                                                                               | No, according to supplied volumes this does not appear to be a "gas only" report.                                                      |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC                                                                                  | Yes                                                                                                                                    |
| Reasons why this would be considered a submission for a notification of a major release                                                                 | From paragraph A. "Major release" determine using:<br>(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. |                                                                                                                                        |

**Initial Response**

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

|                                                                                                                    |               |
|--------------------------------------------------------------------------------------------------------------------|---------------|
| The source of the release has been stopped                                                                         | True          |
| The impacted area has been secured to protect human health and the environment                                     | True          |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True          |
| All free liquids and recoverable materials have been removed and managed appropriately                             | True          |
| If all the actions described above have not been undertaken, explain why                                           | Not answered. |

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

|                                                    |                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------|
| I hereby agree and sign off to the above statement | Name: Stuart Hyde<br>Title: Senior Geologist<br>Email: shyde@ensolum.com<br>Date: 09/25/2025 |
|----------------------------------------------------|----------------------------------------------------------------------------------------------|



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

General Information  
Phone: (505) 629-6116

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

QUESTIONS, Page 3

Action 509454

**QUESTIONS (continued)**

|                                                                                |                                                                             |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                                            |
|                                                                                | Action Number:<br>509454                                                    |
|                                                                                | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

|                                                                                                                                                                                                                                                      |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Site Characterization</b>                                                                                                                                                                                                                         |                                |
| <i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> |                                |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)                                                                                                                           | Between 100 and 500 (ft.)      |
| What method was used to determine the depth to ground water                                                                                                                                                                                          | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water                                                                                                                                                                                                 | No                             |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>                                                                                                                             |                                |
| A continuously flowing watercourse or any other significant watercourse                                                                                                                                                                              | Between 1000 (ft.) and ½ (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)                                                                                                                                                                    | Between 1 and 5 (mi.)          |
| An occupied permanent residence, school, hospital, institution, or church                                                                                                                                                                            | Between 1 and 5 (mi.)          |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes                                                                                                                            | Between 1 and 5 (mi.)          |
| Any other fresh water well or spring                                                                                                                                                                                                                 | Greater than 5 (mi.)           |
| Incorporated municipal boundaries or a defined municipal fresh water well field                                                                                                                                                                      | Between ½ and 1 (mi.)          |
| A wetland                                                                                                                                                                                                                                            | Between 1 and 5 (mi.)          |
| A subsurface mine                                                                                                                                                                                                                                    | Greater than 5 (mi.)           |
| An (non-karst) unstable area                                                                                                                                                                                                                         | Between 1 and 5 (mi.)          |
| Categorize the risk of this well / site being in a karst geology                                                                                                                                                                                     | Low                            |
| A 100-year floodplain                                                                                                                                                                                                                                | Between 1000 (ft.) and ½ (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site                                                                                                                                                         | No                             |

|                                                                                                                                                                                                                                                                                                                                                                                       |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Remediation Plan</b>                                                                                                                                                                                                                                                                                                                                                               |            |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>                                                                                                                                                                                      |            |
| Requesting a remediation plan approval with this submission                                                                                                                                                                                                                                                                                                                           | Yes        |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>                                                                                                                                                                        |            |
| Have the lateral and vertical extents of contamination been fully delineated                                                                                                                                                                                                                                                                                                          | Yes        |
| Was this release entirely contained within a lined containment area                                                                                                                                                                                                                                                                                                                   | Yes        |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>                                                                        |            |
| On what estimated date will the remediation commence                                                                                                                                                                                                                                                                                                                                  | 07/14/2025 |
| On what date will (or did) the final sampling or liner inspection occur                                                                                                                                                                                                                                                                                                               | 08/21/2025 |
| On what date will (or was) the remediation complete(d)                                                                                                                                                                                                                                                                                                                                | 08/21/2025 |
| What is the estimated surface area (in square feet) that will be remediated                                                                                                                                                                                                                                                                                                           | 0          |
| What is the estimated volume (in cubic yards) that will be remediated                                                                                                                                                                                                                                                                                                                 | 0          |
| <i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>                                                                                                                                                                                |            |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> |            |

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

QUESTIONS, Page 4

Action 509454

**QUESTIONS (continued)**

|                                                                                |                                                                             |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                                            |
|                                                                                | Action Number:<br>509454                                                    |
|                                                                                | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Remediation Plan (continued)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                              |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                              |
| <b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                              |
| <i>(Select all answers below that apply.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                              |
| Is (or was) there affected material present needing to be removed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes                                                                                          |
| Is (or was) there a power wash of the lined containment area (to be) performed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                                                                          |
| OTHER (Non-listed remedial process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                                                                           |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                              |
| 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. |                                                                                              |
| I hereby agree and sign off to the above statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Name: Stuart Hyde<br>Title: Senior Geologist<br>Email: shyde@ensolum.com<br>Date: 09/25/2025 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                              |

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QUESTIONS, Page 6

Action 509454

**QUESTIONS (continued)**

|                                                                                |                                                                             |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                                            |
|                                                                                | Action Number:<br>509454                                                    |
|                                                                                | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| <b>Liner Inspection Information</b>                                                                     |                   |
|---------------------------------------------------------------------------------------------------------|-------------------|
| Last liner inspection notification (C-141L) recorded                                                    | <b>496494</b>     |
| Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC | <b>08/21/2025</b> |
| Was all the impacted materials removed from the liner                                                   | <b>Yes</b>        |
| What was the liner inspection surface area in square feet                                               | <b>5369</b>       |

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

|                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Requesting a remediation closure approval with this submission                  | <b>Yes</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Have the lateral and vertical extents of contamination been fully delineated    | <b>Yes</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Was this release entirely contained within a lined containment area             | <b>Yes</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| What was the total surface area (in square feet) remediated                     | <b>5930</b>                                                                                                                                                                                                                                                                                                                                                                                                                    |
| What was the total volume (cubic yards) remediated                              | <b>0</b>                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Summarize any additional remediation activities not included by answers (above) | Liner integrity inspection activities were completed following a June 30, 2025, release of produced water within a secondary lined containment at the Site. A liner integrity inspection was conducted on behalf of Hilcorp, by Ensolum personnel on August 21, 2025. The results of the inspection indicated that the liner was operating as designed and the release was contained laterally by the lined containment walls. |

*The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.*

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

|                                                    |                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------|
| I hereby agree and sign off to the above statement | Name: Stuart Hyde<br>Title: Senior Geologist<br>Email: shyde@ensolum.com<br>Date: 09/25/2025 |
|----------------------------------------------------|----------------------------------------------------------------------------------------------|



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CONDITIONS

Action 509454

CONDITIONS

|                                                                                |                                                                             |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                                            |
|                                                                                | Action Number:<br>509454                                                    |
|                                                                                | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By | Condition                                                                                                                                                          | Condition Date |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| rhamlet    | We have received your Remediation Closure Report for Incident #nAPP2518236810 Randy Federal Water Booster, thank you. This Remediation Closure Report is approved. | 11/7/2025      |