

From: [Smith, Cory, EMNRD](#)
To: [Morgan Salem](#); [Don Schreiber](#)
Cc: [Jane Schreiber](#); [Kate Kaufman](#); [Adeloye, Abiodun \(Emmanuel\)](#); [Matt Henderson](#); [Travis Munkres](#); [Stuart Hyde](#); [Wes Weichert](#); [Chandler Marechal](#); [Romero, Rosa, EMNRD](#)
Subject: RE: [EXTERNAL] San Juan 28-6 #125 Remediation Closure Report
Date: Wednesday, August 5, 2026 11:23:00 AM
Attachments: [image001.png](#)

All,

OCD has approved the **Remediation Closure Report**, that covers the excavation, sampling, variance to leave impacts in place (East wall), application of microblaze, and installation of clay liner.

[@Morgan Salem](#) I am going to manually upload the Reclamation plan that was emailed. Reclamation plans are generally submitted with the remediation plan in OCD Permitting, However from my desktop review the new plan meets the requirements of 19.15.29.13 NMAC and the previously approved reclamation requirements that were in the original plan with added details. As discussed with BLM and the Landowner I believe everyone is happy with the added details of the Reclamation plan, so once the site is backfilled and initial reclamation (soil cover/initial seeding) please submit a Reclamation report to OCD permitting for review no later than November 30, 2026.

As usual, OCD Approval does not relieve Hilcorp from any other requirements imposed by other applicable Federal, State, Tribal requirements.

Thanks everyone for keeping the project moving forward.

Cory Smith • Environmental Projects Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113
505.419.2687 | Cory.Smith@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Morgan Salem <morgan.salem@hilcorp.com>
Sent: Thursday, July 23, 2026 7:30 AM
To: Don Schreiber <vivarioarriba@gmail.com>
Cc: Jane Schreiber <devilsspringranch@gmail.com>; Kate Kaufman <kkaufman@hilcorp.com>; Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>; Adeloye, Abiodun (Emmanuel) <aadeloye@blm.gov>; Matt Henderson <mhenderson@hilcorp.com>; Travis Munkres <tmunkres@hilcorp.com>; Stuart Hyde <shyde@ensolum.com>; Wes Weichert <wweichert@ensolum.com>; Chandler Marechal <chandler.marechal@hilcorp.com>

Subject: [EXTERNAL] San Juan 28-6 #125 Remediation Closure Report

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Don,

The Remediation Closure Report for the San Juan 28-6 #125 has been submitted through both the BLM and OCD permitting portals. A copy of the report is attached for your records.

As we move into the next phase of the project, I have this separate email thread to keep the remediation and reclamation discussions organized and easier to follow.

The draft Reclamation Plan is nearing completion, and I will provide it to you shortly for your review.

Thank you.

Best Regards,

Morgan Salem | Environmental Specialist SJS | Hilcorp Energy Company

O: 346-237-2164 | C: 830-798-5958 | morgan.salem@hilcorp.com

1111 Travis St. Houston, TX 77002



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July 22, 2026

New Mexico Oil Conservation Division

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

Re: Proposed Reclamation Plan

San Juan 28-6 #125
Rio Arriba County, New Mexico
Hilcorp Energy Company
NMOCD Incident Number: NRM2030132715

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Proposed Reclamation Plan* detailing anticipated techniques and timeline to reclaim the disturbed surface adjacent to the active San Juan 28-6 Unit #125 natural gas production well pad (Site, Figure 1). During excavation activities, the areas west, south and east of the well pad were disturbed and require reclamation. The Site is located on private land in Unit H, Section 21, Township 28 North, Range 6 West in Rio Arriba County, New Mexico (Figure 1).

BACKGROUND

Following the discovery of historical petroleum-hydrocarbon impacts in soil during the closure sampling of a below-grade tank (BGT), Hilcorp proceeded with remediation of impacted soil via excavation. Due to the limited space available on the active well pad, the extent of the excavation and the volume of soil removed, areas previously undisturbed or previously reclaimed to the west, south and east of the well pad were used for truck turnarounds, soil stockpiling, and equipment staging. Additional information regarding the release response and remediation can be found in the New Mexico Oil Conservation Division (NMOCD) online database (Incident Number NRM2030132715). The general reclamation area is presented on Figure 2. The remainder of the active well pad will be reclaimed following successful plugging and abandonment of the well.

The reclamation area has been contoured to generally pair with the surrounding topography, the native soil has been ripped to alleviate compaction, and approximately one foot of topsoil has been spread through the reclamation area to promote infiltration, microbial activity, and successful vegetation establishment. In addition to seeding, Hilcorp is proposing to implement erosion control measures to limit sediment transport and concentrated surface flow.

RECLAMATION PLAN

Site reclamation is being conducted under exceptional drought conditions within the San Juan Basin. Recent high temperatures, prolonged periods without precipitation, and frequent high wind events have created conditions that increase the likelihood of wind erosion while reducing the probability of successful seed germination. The reclamation approach is therefore intended to

balance immediate soil stabilization with long-term revegetation success by implementing adaptive management practices and seeding during favorable environmental conditions.

Interim Natural Stabilization Measures

Prior to seeding, and where warranted by site conditions or weather, interim natural stabilization measures may be implemented to protect the reclaimed soil surface until conditions are favorable for successful vegetation establishment. These measures may include the application of certified weed-free straw mulch, native mulch, wood fiber, biodegradable organic soil amendments, or other natural stabilization materials. Depending on site conditions, mulch may be mechanically crimped into the soil surface to reduce wind displacement and improve contact with the soil. Biodegradable erosion control blankets, coconut fiber matting, jute netting, fiber rolls, or straw wattles may also be installed in areas susceptible to wind or water erosion.

These interim stabilization measures are intended to minimize wind erosion, reduce sediment transport, improve moisture retention, moderate soil temperatures, protect the prepared seedbed, and preserve soil productivity until seeding can occur under favorable environmental conditions. The specific stabilization methods utilized will be selected based on observed site conditions, anticipated weather patterns, and the need to maintain long-term reclamation success.

The reclamation area will be reclaimed as detailed below:

- The reclamation area has been prepared for seeding during the remediation stage. Due to the favorable potential for late summer monsoonal precipitation possible in the area, Hilcorp is proposing to seed the reclamation area prior to the Fall of 2026.
- A certified noxious weed-free seed mix will be used. The below BLM Pinyon-Juniper Community Seed Mixture will be used to seed the Site at a rate specified in pounds of pure live seed (PLS) per acre. Depending on local seed procurement availability, the seed species will include:

Common Name	Scientific Name	PLS/Acre
One of the following:		
Antelope bitterbrush	<i>Purshia tridentata</i>	2.0
Mountain mahogany	<i>Cercocarpus montanus</i>	2.0
Two of the following:		
Bottlebrush squirreltail	<i>Elymus elymoides</i>	3.0
Needle and thread	<i>Hesperostipa comata</i>	3.0
Western wheatgrass	<i>Pascopyrum smithii</i>	2.0
Three of the following:		
Blue grama	<i>Bouteloua gracilis</i>	2.0
Indian ricegrass	<i>Achnatherum hymenoides</i>	3.5
Muttongrass	<i>Poa fendleriana</i>	2.0
Prairie junegrass	<i>Koeleria macrantha</i>	2.0
Sand dropseed	<i>Sporobolus cryptandrus</i>	0.5
One of the following:		
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.25
Utah sweetvetch	<i>Hedysarum boreale</i>	0.25

- The proposed BLM Pinyon-Juniper seed mix was selected because it reflects the surrounding ecological community, includes early establishing grasses, longer-lived

perennial species, shrubs, and forbs that promote long-term ecosystem recovery and wildlife habitat.

- The seed mix will be applied via drill seeding or broadcast seeding. If broadcast seeding is selected, the PLS/acre will be doubled and the seed will be raked in by chaining or dragging the Site.
- Following seeding, the seeded reclamation area will be covered with anchored erosion control mats to trap moisture, shade the seedbed, and limit sediment transport from wind and concentrated surface runoff.
- Temporary exclusion measures, including fencing or other appropriate barriers, may be utilized where necessary to protect newly reclaimed areas from excessive livestock grazing or wildlife disturbance during the critical vegetation establishment period. These measures are intended to minimize trampling, browsing, and soil disturbance while allowing vegetation to develop sufficient root structure for long-term stability. Temporary barriers will be inspected during routine monitoring and removed once vegetation has become adequately established and the reclaimed area can sustain normal wildlife and livestock use without compromising reclamation success.
- Reclamation activities will be conducted to maintain compatibility with surrounding wildlife habitat and existing land use while minimizing long-term restrictions on livestock movement across the property.
- All reclamation activities will be documented with photographs that are timestamped and include Global Positioning System (GPS) coordinates recorded in decimal degrees.
- Reclamation will proceed as soon as practicable, with implementation timed to maximize the likelihood of successful vegetation establishment based on seasonal conditions, soil moisture, and site-specific environmental factors. Reclamation progress will be monitored, and adaptive management measures, including additional stabilization, reseeding, or other corrective actions will be implemented as necessary if initial efforts are affected by drought, erosion, or other conditions beyond the operator's control.

RECLAMATION MONITORING

- The Site will be monitored for vegetation growth to verify that reclamation activities were successful. The focus for this phase will be to prevent erosion, Site degradation, and monitoring for and treatment of invasive and noxious weed species.
 - If monitoring indicates that additional erosion control is necessary to support vegetation establishment or maintain Site stability, best management practices (BMPs) may be applied. BMP selection will consider Site topography, drainage patterns, slope gradients, prevailing wind direction, anticipated precipitation, and observed erosion mechanisms to provide the most effective long-term stabilization while supporting native vegetation establishment. These practices include, but are not limited to:
 - Placement of swales, water bars, or waddles in areas with a propensity for high run-off rates;
 - Additional erosion control mats/blankets may be implemented as necessary to support timely and healthy regrowth of vegetation in disturbed areas.
 - Noxious and invasive weeds will be identified and treated by a licensed contracted herbicide applicator or mechanically removed.
- Assuming initial reclamation work is completed in the late summer of 2026, semi-annual inspections will take place at the location beginning in the Fall of 2026 and will continue in the spring and fall of 2027. Semi-annual inspections will continue until vegetation has been

established that reflects pre-disturbance vegetation cover with a total percent plant cover of greater than 70 percent of pre-disturbance levels, excluding invasive or noxious weeds.

- If initial seeding efforts are not successful, the Site will be seeded again when conditions are favorable.
- Upon completion of revegetation, a *Closure Report* documenting the vegetation assessment results will be submitted to the NMOCD and landowner for final inspection and release.
- Hilcorp recognizes successful reclamation requires adaptive management. Monitoring results will be evaluated following each inspection and reclamation methods may be modified based upon vegetation establishment, precipitation patterns, erosion observations, wildlife impacts, and landowner feedback.

SCHEDULE

Hilcorp will complete the reclamation activities proposed in this report no later than 30 days following NMOCD and landowner approval of this *Proposed Reclamation Plan*.

We appreciate the opportunity to provide this plan to the NMOCD. If you should have any questions or comments regarding this document, please contact the undersigned.

Sincerely,
Ensolum, LLC



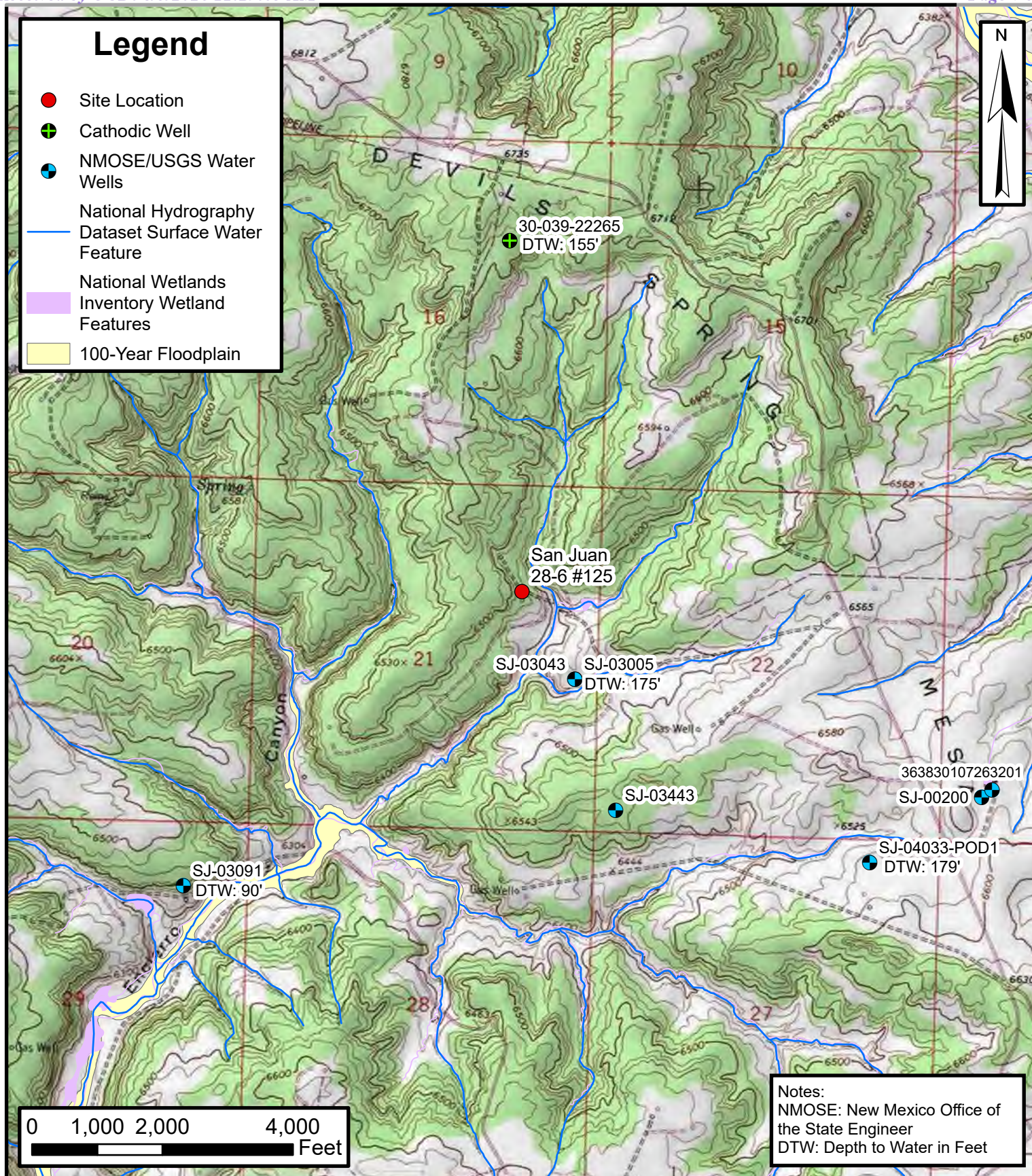
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Attachments:

Figure 1: Site Receptor Map
Figure 2: Reclamation Area

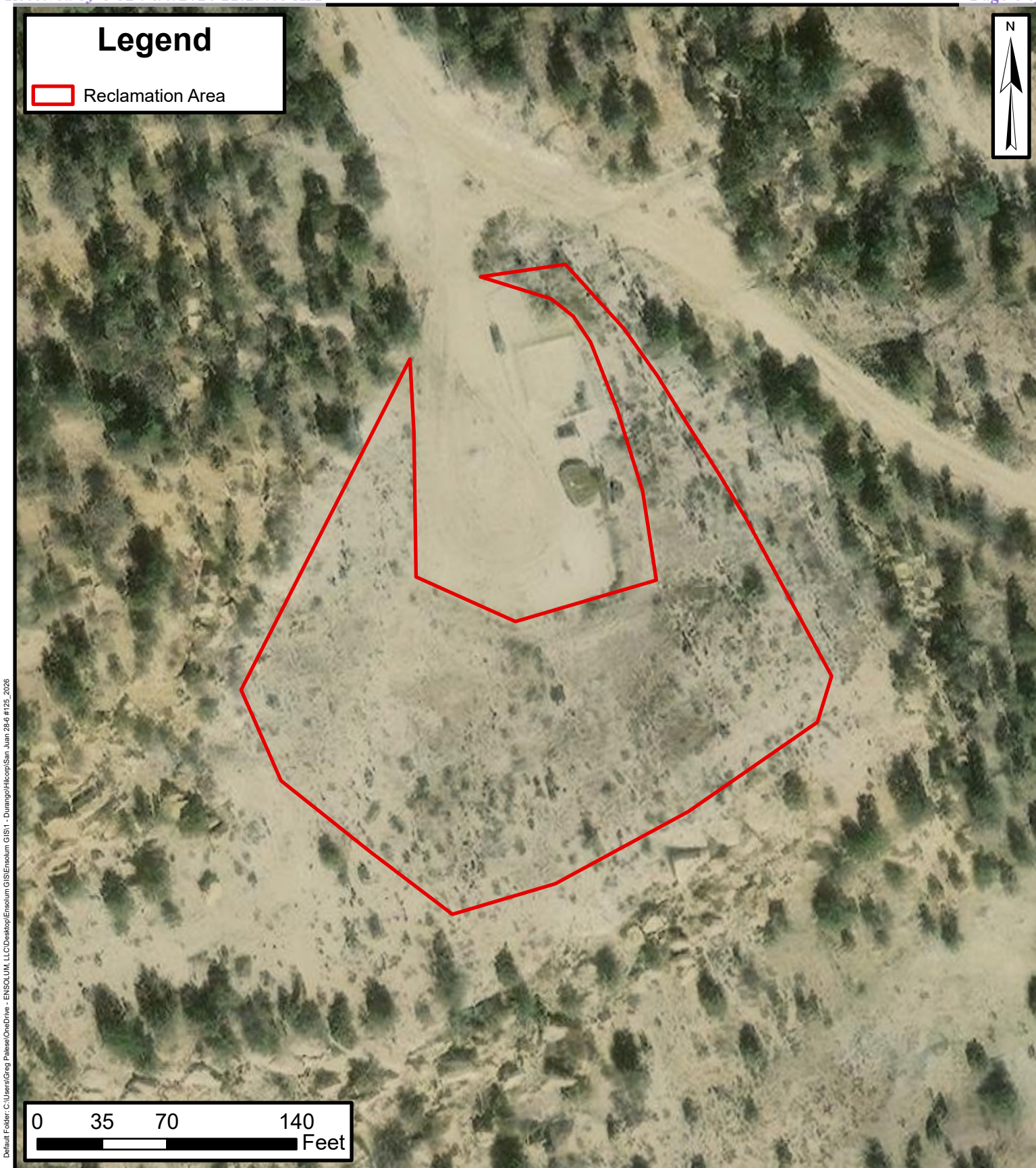


Site Receptor Map

San Juan 28-6 #125
 Hilcorp Energy Company
 36.6492233, -107.4675369
 Rio Arriba County, New Mexico

FIGURE
 1





Default Folder: C:\Users\Greg Palese\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\1 - Durango\Hilcorp\San Juan 28-6 #125_2026



Reclamation Area

San Juan 28-6 Unit 125
Hilcorp Energy Company

36.6492233,-107.4675369
Rio Arriba County, New Mexico

FIGURE
2

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 611668

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 611668
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
csmith	None	8/5/2026