District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	nAPP2224144740
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Hilcorp Energy Company (Hilcorp)	OGRID 372171
Contact Name Mitch Killough	Contact Telephone 713-757-5247
Contact email mkillough@hilcorp.com	Incident # nAPP2224144740
Contact mailing address 1111 Travis Street, Houston, Texas 77002	

Location of Release Source

Latitude 36.8929138 Longitude -107.7552261

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Seymour 6	Site Type Well
Date Release Discovered: 8/18/2022 @ 08:30am (MT)	API# 30-045-10684

Unit Letter	Section	Township	Range	County
M	14	31N	09W	San Juan

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls) 20 bbls	Volume Recovered (bbls) 2 bbls
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
On 8/18/2022 at approximately 08:30 am (MT), Hilcorp discovered a 20-bbl release of oil at the Seymour 6. Due to the excessive rainfall in the area, the open-top BGT tank on location overflowed causing the oil in the storage vessel to float up and spill into secondary containment, breach a section of the surrounding berm wall, and eventually enter a dry watercourse located immediately adjacent to the site. Refer to attached initial notification. Upon discovery, Hilcorp began recovery efforts immediately on pad by emptying the remaining fluids in the BGT storage vessel and recovering any possible free product on the pad location with a 3rd party vacuum truck operator. On 8/19/2022, approximately 60 yards of visibly-impacted soils were removed from the site and hauled to a disposal.

The spill amount was determined by operator's monthly tank gauging data.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2224144740
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Per 19.15.29.7.A, a major release includes an unauthorized release of a volume that may with reasonable probability reach a watercourse. During this event, a portion of the spilled fluids migrated off the pad and entered a dry watercourse located immediately adjacent to the site.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Mitch Killough notified the NMOCD and BLM – FFO via 24-hour email notification on 08/18/2022 at 09:00 am CT.

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.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Mitch Killough Title: Environmental Specialist

Signature: _____ Date: 08/31/2022

email: mkillough@hilcorp.com Telephone: 713-757-5247

OCD Only

Received by: _____ Date: _____

Mitch Killough

From:	Mitch Killough
Sent:	Friday, August 19, 2022 9:00 AM
To:	Velez, Nelson, EMNRD; Adeloye, Abiodun A
Cc:	OCD.Enviro@state.nm.us; Matt Henderson
Subject:	Hilcorp Energy Company - 24-Hour Release Notification - Seymour 6

Hi Nelson/Emmanuel.

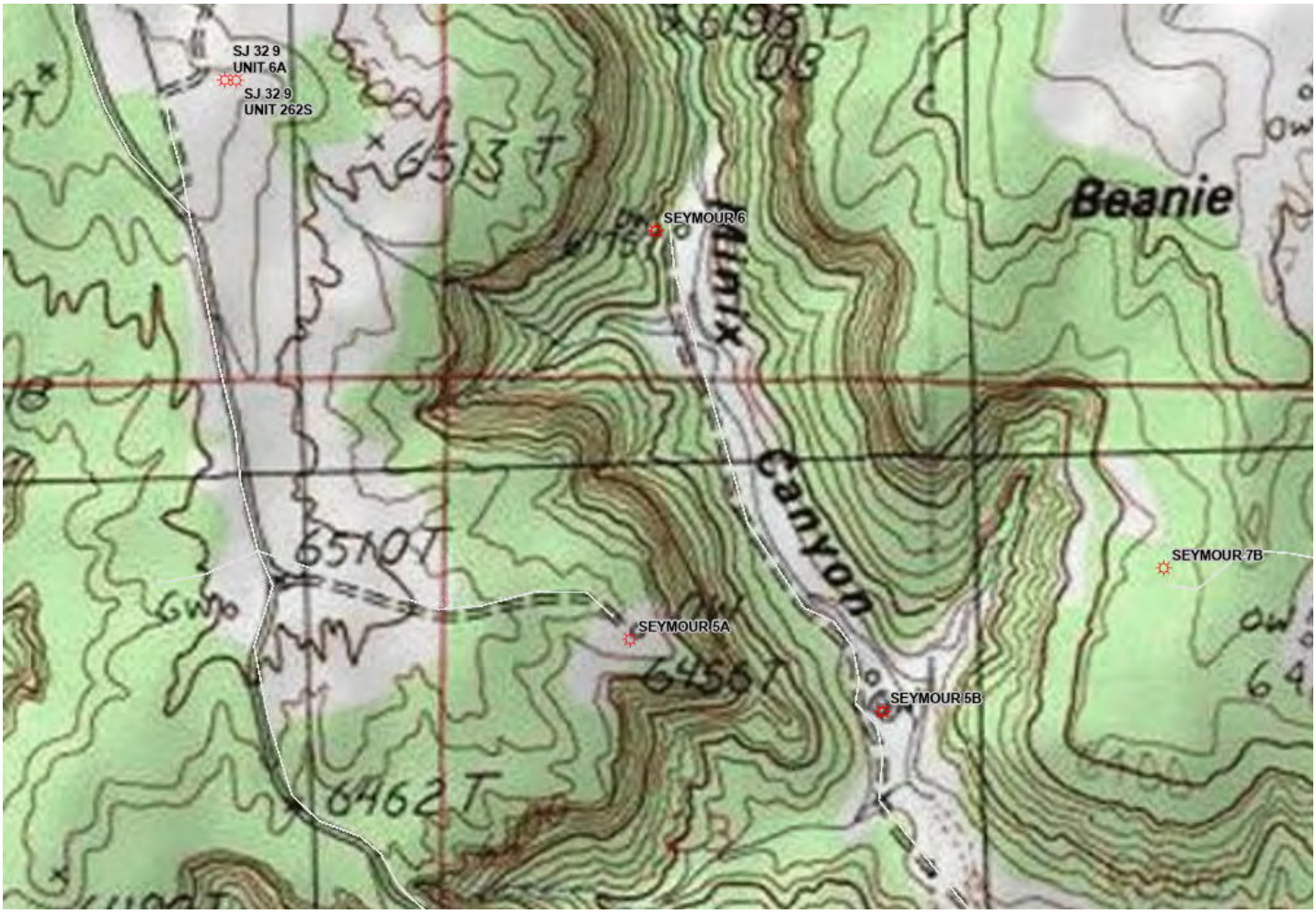
On 8/18/2022 at approximately 08:30 am (MT), Hilcorp Energy Company (Hilcorp) discovered a 20-bbl release of oil at the Seymour 6 (API: 30-045-10684) in San Juan County, NM (36.89313, -107.75461). Due to the excessive rainfall in the area, the open-top BGT tank on location overflowed causing the oil in the storage vessel to float up and spill into secondary containment, breach a section of the surrounding berm wall, and eventually enter a dry watercourse located immediately adjacent to the site. The unnamed, dry watercourse is considered a wash located within Minix Canyon. Refer to the images below. Upon discovery, Hilcorp began recovery efforts immediately on pad by emptying the remaining fluids in the BGT storage vessel and recovering any possible free product on the pad location with a 3rd party vacuum truck operator. At this time, the site remains shut-in while cleanup efforts commence on pad. Hilcorp will discuss with the BLM-FFO first before proceeding with off pad cleanup efforts.

Based on initial assessments conducted by Hilcorp personnel, visual impacts to the unnamed watercourse were observed along approximately 950 linear ft with a width of 4 ft. These impacts are characterized as visual soil staining and discoloration on vegetation along the water feature. This is still being assessed at the moment.

An initial C-141 will be submitted to the NMOCD no later than 9/2/2022.

Please contact me if you have any questions. Thanks.


SEYMOUR 6



Mitch Killough
Environmental Specialist
Hilcorp Energy Company
1111 Travis Street
Houston, TX 77002
713-757-5247 (office)
281-851-2338 (cell)
mkillough@hilcorp.com

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	390 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☒ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☒ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☒ Yes ☐ No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: Mitch Killough Title: Environmental Specialist

Signature: _____ _____ Date: 9/26/2022

email: mkillough@hilcorp.com Telephone: 713-757-5247

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Mitch Killough Title: Environmental Specialist

Signature: _____ Date: 9/26/2022

email: mkillough@hilcorp.com Telephone: 713-757-5247

OCD Only

Received by: _____ Date: _____

see below

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Nelson Velez Date: 09/30/2022

Conditions of Approval are as follows;
1. Excavation base sampling: one (1) - five (5) point composite sample [5pcs] per 500 square feet [sq. ft.].
2. Sidewall sampling: one (1) 5pcs per 400 sq. ft.
3. Off pad sampling: one (1) 5pcs per 100 lateral ft.
4. Provide supporting documentation for applicable siting criteria within any potential interim or final closure report.
5. Required to adhere to Paragraph 2 and 3 of Subsection C of 19.15.29.12 NMAC.
6. Required to adhere to Paragraph 1 of Subsection D of 19.15.29.13 NMAC.
7. Deadline for final closure report is Friday, January 13, 2023.

ENSOLUM

September 29, 2022

New Mexico Oil Conservation Division
New Mexico Energy, Minerals, and Natural Resources Department
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Remediation Work Plan and Variance Request
Seymour 6
San Juan County, New Mexico
Hilcorp Energy Company
NMOCD Incident No: nAPP2224144740

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Remediation Work Plan and Variance Request* for a release at the Seymour 6 natural gas production well (Site). The Site is located on Federal land managed by the Bureau of Land Management (BLM) in rural San Juan County, New Mexico (Figure 1). The proposed work will be performed to further remediate impacted soil and vegetation originating from the overtopping of oil from a below grade tank (BGT). The Site is located in Unit M, Section 14, Township 31 North, Range 9 West, in San Juan County, New Mexico.

SITE BACKGROUND

On August 18, 2022, Hilcorp discovered a 20-barrel (bbl) release of oil at the Site. Significant precipitation at the Site caused a BGT to overflow into the secondary containment berm. A section of the earthen berm subsequently failed and released fluids outside of the containment and ultimately migrated off of the facility pad into an adjacent dry wash. The volume released was determined by the operator's monthly tank gauging data. Upon discovery, Hilcorp immediately emptied the remaining fluids from the BGT and retained a vacuum truck to recover any possible standing fluids at the Site (approximately 2 bbls). On August 19, 2022, Hilcorp excavated approximately 55 yards of visibly impacted soils from the original footprint of the well pad at the Site for disposal at a permitted facility (disposal receipt attached as Appendix A).

Hilcorp reported the release to the New Mexico Oil Conservation Division (NMOCD) and the BLM within 24 hours of discovery of the release. Hilcorp submitted a *Major Undesirable Event Report* to the BLM on August 19, 2022 and submitted Form C-141 to the NMOCD on August 29, 2022 and a revised Form C-141 on August 31, 2022 (an error was discovered in the initial Form C-141 submitted on August 29, 2022). The NMOCD has assigned the Site Incident Number nAPP2224144740.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site is located on BLM surface approximately 9.3 miles north of Turley, New Mexico. As part of the site investigation, local geology/hydrogeology and nearby sensitive receptors were assessed in accordance with Title 19, Chapter 15, Part 29, Sections 11 and 12 (19.15.29.11 and 12) of the New Mexico Administrative Code (NMAC). Potential nearby receptors were assessed

through desktop reviews of United States Geological Survey (USGS) topographic maps, Federal Emergency Management Administration (FEMA) Geographic Information System (GIS) maps, New Mexico Office of the State Engineer (NMOSE) database, aerial photographs, and site-specific observations. This information is further discussed below.

The Site is located in the Tertiary San Jose Formation. In the report titled "Hydrogeology and Water Resources of San Juan Basin, New Mexico" (Stone, et. al., 1983), the San Jose Formation is characterized by various lithologies including course-grained arkose, mudstones, and lenses of claystone, siltstone, and poorly consolidated sandstone. This formation ranges in thickness from 200 feet to 2,700 feet. Stone et. al. state that the aquifers in the San Jose Formation are largely untested and display variable hydrologic properties dependent on location. Where sufficient yield is present, the primary use of water from this formation is for domestic and/or livestock supply. The San Jose Formation is the youngest Tertiary bedrock unit in the San Juan Basin and is underlain by the Nacimiento Formation.

The nearest significant watercourse and wetland to the Site is Minix Canyon located within 100 feet to the east of the well pad. The Site is greater than 200 feet from any lakebed, sinkhole, or playa lake (Figure 2). The nearest fresh-water well is NMOSE permitted well SJ-03769 (Appendix B), located approximately 0.66 miles northeast of the Site. The recorded depth to water on the NMOSE database is 390 feet below ground surface (bgs). No wellhead protection areas, springs, or domestic/stock wells are located within a ½-mile from the Site. The Site is not within a 100-year floodplain, overlying a subsurface mine, or located within an area underlain by unstable geology (area designated as low potential karst by the BLM). Schools, hospitals, institutions, churches, and/or other occupied permanent residence or structures are not located within 300 feet of the Site.

Based on the impacts to the dry wash (a significant watercourse), the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply to the Site:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH) as gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO): 100 mg/kg
- Chloride: 600 mg/kg

REMEDIATION WORK PLAN

At this time, the volume of remaining impacted soil at the Site has yet to be determined. As seen in the attached photographs (Appendix C), oil has accumulated on and around vegetation along the release footprint. To continue remediation efforts, Hilcorp proposes to remove by hand any vegetation impacted by the release, as indicated by the presence of an oily film on the vegetation and/or vegetation exhibiting stress caused by the release (e.g., browning or staining). Additionally, Hilcorp proposes to remove the remaining impacted soil from the well pad and dry wash by hand and/or mechanical excavation. The additional excavation would remove impacts not previously removed during the initial response efforts (shown on Figure 3).

Once impacted soil is removed, Hilcorp will collect one 5-point composite sample from the excavation floor and sidewalls. Due to the estimated 15,000 square foot size of the excavation on the well pad, Hilcorp requests a variance for the frequency of excavation confirmation samples. Hilcorp proposes the frequency of confirmation sampling for the excavation floor to be decreased from every 200 square feet (approximately 70 samples) to every 500 square feet (approximately 28 samples). Sidewall samples will be collected at a frequency of one composite sample for every 200 square feet. Additionally, because the release fluid migrated along a narrow pathway in the

wash, one 5-point composite sample will be collected from areas excavated within the dry wash at a frequency of one sample for every 100 linear feet.
The 5-point composite samples will be collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. The soil samples will be placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples will be transported at or below 4 degrees Celsius (°C) under strict chain-of-custody (COC) procedures to Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-MRO following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Once impacted vegetation and soil has been removed, excavated areas will be backfilled and recontoured to match the original land surface grade using clean topsoil. Areas originally vegetated at the Site (outside of the dry wash) will then be reseeded with a BLM-approved seed mix.

The proposed remediation activities will be conducted within two weeks after receiving approval from the BLM and NMOCD of this work plan. Hilcorp will immediately inform the NMOCD of any alterations to this schedule due to third-party availability, equipment shortages, and/or weather delays. We appreciate the opportunity to provide this work plan to the BLM and NMOCD. If you should have any questions or comments regarding this document, please contact the undersigned.

Sincerely,

Ensolum, LLC

Stuart Hyde, LG
Senior Geologist
(970) 903-1607
shyde@ensolum.com

Ashley Ager, MS, PG
Program Director, Geologist
(970) 946-1093
aager@ensolum.com

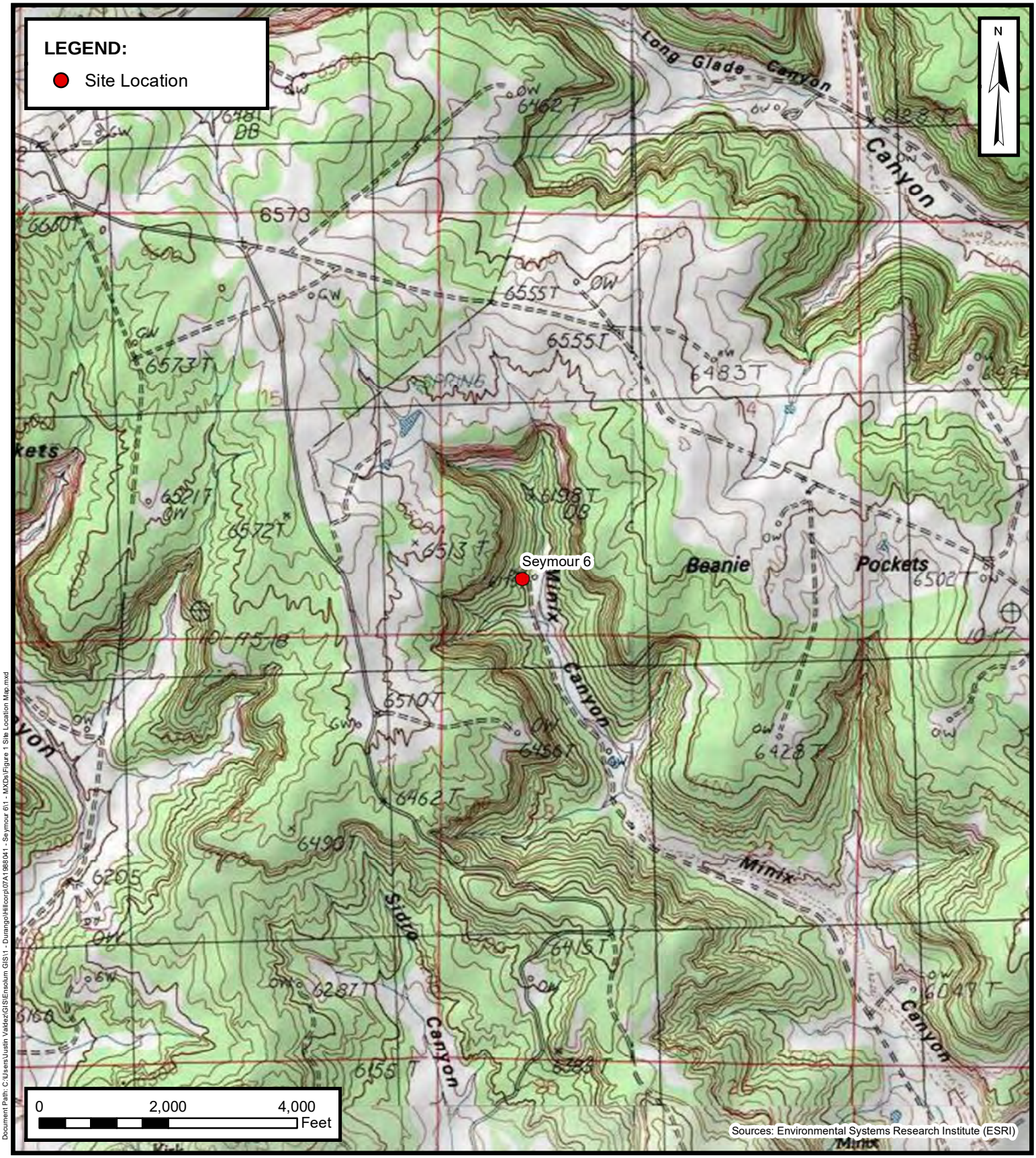
Attachments:

Figure 1: Site Location Map
Figure 2: Site Receptor Map
Figure 3: Excavation Site Map

Appendix A: Soil Waste Disposal Receipt
Appendix B: NMOSE Well Summary
Appendix C: Project Photographs

ENSOLUM

FIGURES



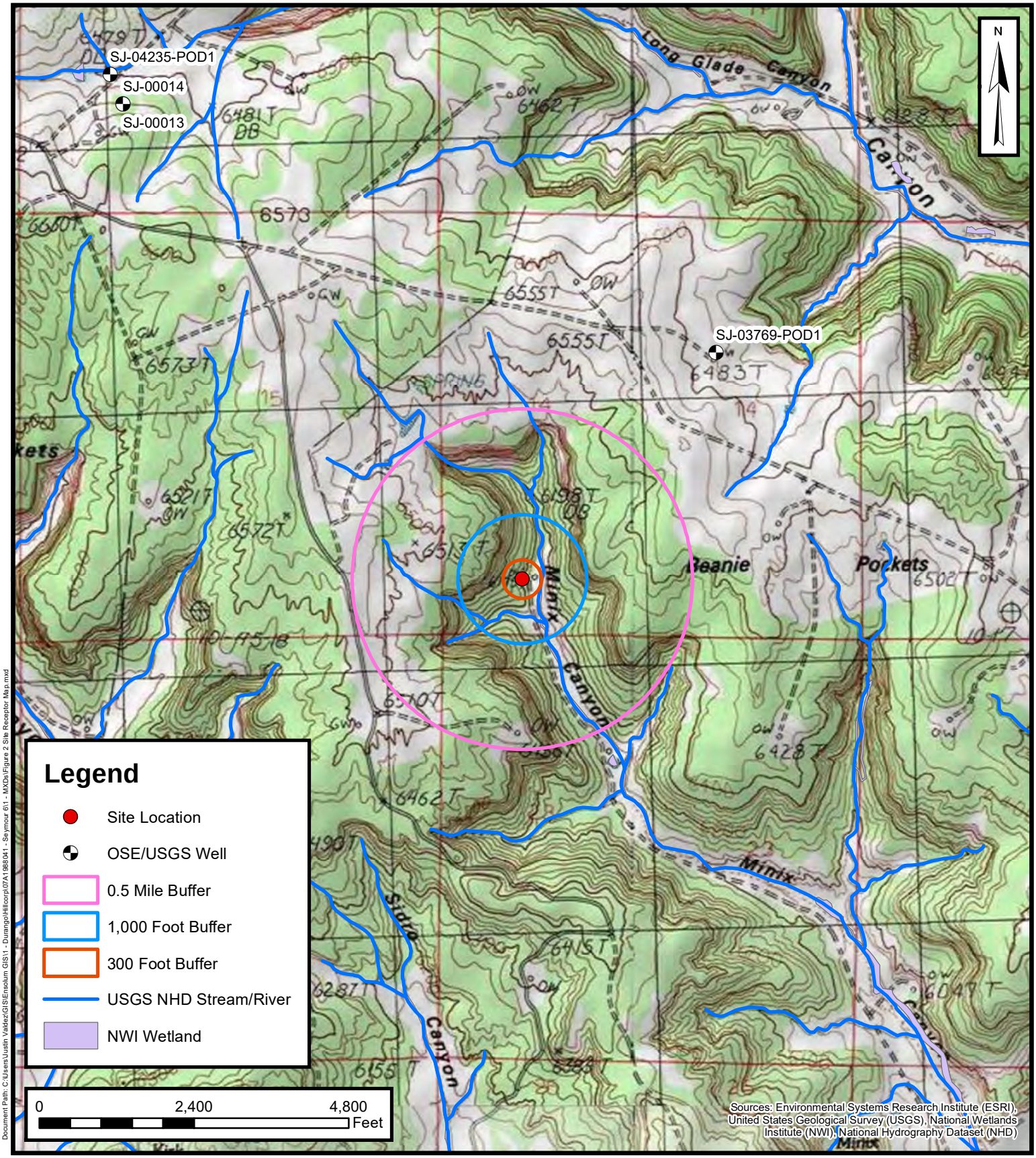
Document Path: C:\Users\Justin Valdez\GIS\Ensolum GIS\1 - Durango\Hilcorp\07A1988041 - Seymour 6\1 - MXDs\Figure 1 Site Location Map.mxd

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Location Map

Seymour 6
Hilcorp Energy Company
36.8929138, -107.7552261
San Juan County, NM

FIGURE
1



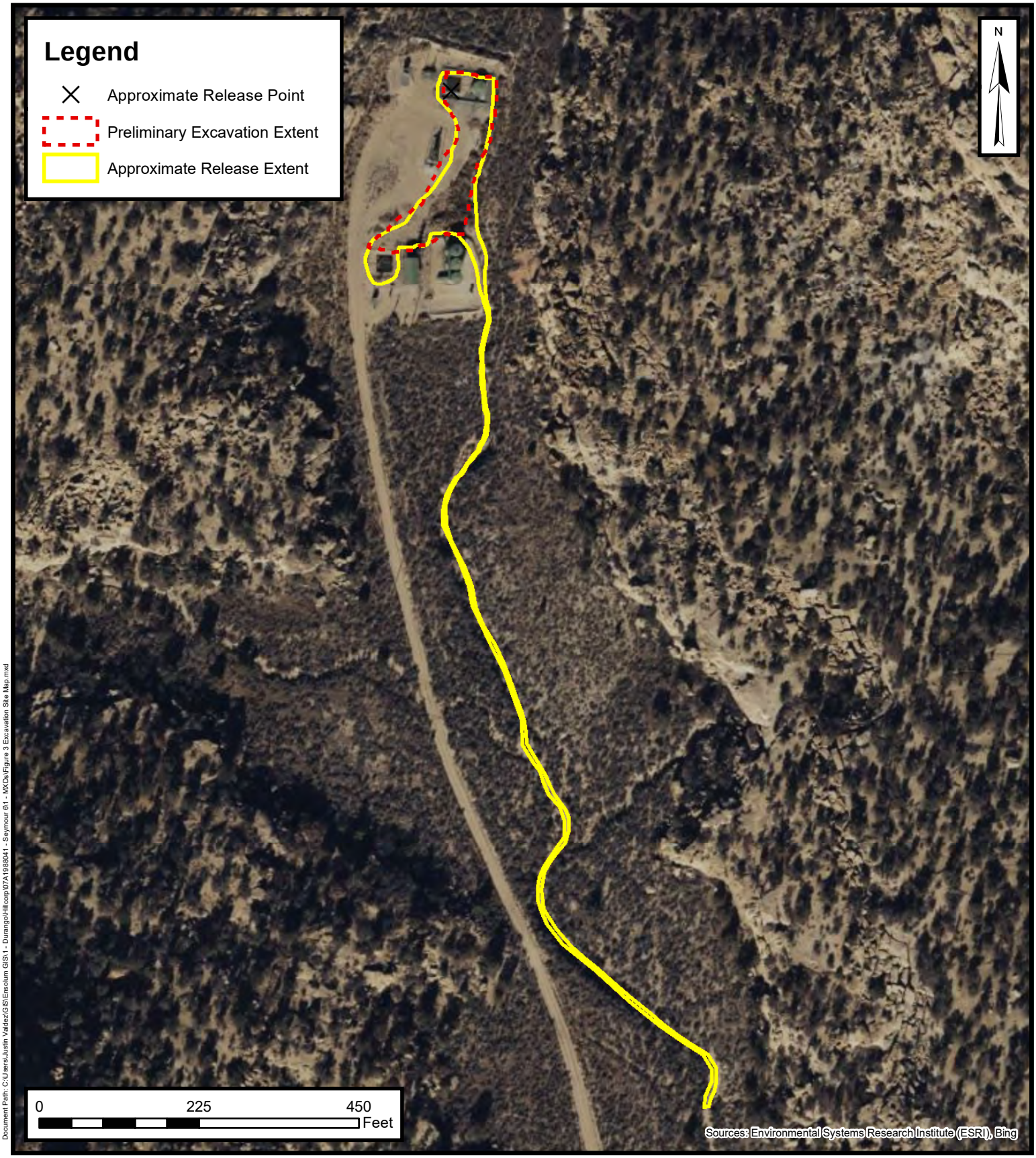
Document Path: C:\Users\Justin Valdez\GIS\Ensolum GIS\1 - Durango\Hilcorp\07A1988041 - Seymour 6\1 - MXDs\Figure 2 Site Receptor Map.mxd

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Receptor Map

Seymour 6
Hilcorp Energy Company
36.8929138, -107.7552261
San Juan County, NM

FIGURE
2



Document Path: C:\Users\Justin Valdez\GIS\Ensolum GIS\1 - Durango\Hilcorp\07A1988041 - Seymour 6\1 - MXDs\Figure 3 Excavation Site Map.mxd

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Excavation Site Map

Seymour 6
Hilcorp Energy Company
36.8929138, -107.7552261
San Juan County, NM

PROJECT NUMBER: 07A1988041

FIGURE
3

ENSOLUM

APPENDIX A

Soil Waste Disposal Receipt

Envirotech, Inc

Fed Tax ID 85-0394202
Phone: 505-632-0615
5796 US HWY 64
Farmington, NM 87401

INVOICE

Invoice Number: LF56578

Project/Job: 17051-0170-2 Landfarm

DATE: 8/25/2022

Project Manager: GWC

Landfarm - Contaminated Soil
Seymour 6
API: 3004510684 Area: 04
Ordered by: Ramone Florez
FOA: Jennifer Street

To:

Hilcorp San Juan, LP
c/o Hilcorp Energy Corporation
P.O. Box 61529
Houston, TX 77208

Terms: Net 30

Service Date	Units	U/M	Description	Rate	Total
8/19/2022			BOL 74710		
8/19/2022	55	CY	Contaminated Soil Remediation at Permitted Facility	23.00	1,265.00T
8/19/2022	3	Ea	Chloride Test	15.00	45.00T
8/19/2022	3	Ea	Paint Filter Test	15.00	45.00T

This may not be the final bill - if charges are received after this invoice has been mailed, you will receive a separate invoice for those costs.

TERMS: Net 30 Days from Invoice Date. Interest Charged at the Rate of 1.5% PER MONTH or 18% PER ANNUM on Accounts Not Paid Within 30 Days. PLEASE PAY FROM THIS INVOICE.

Subtotal	$1,355.00
Sales Tax (6.625%)	$89.77
Amount due this Invoice	**$1,444.77**

envirotech

Bill of Lading

MANIFEST # 74710
GENERATOR HILCORP
POINT OF ORIGIN SEYMOUR 6
TRANSPORTER ACE
DATE 08/19/22 JOB # 17051-0170

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF-2 -5	CONTAMINATED SOIL	I-30	20	—	—	—	20	13:55	Jeff Cox
2	LF2-5	CONTAMINATED SOIL	I-30	15	—	—	—	23	16:20	Dillan Caldwell
3	LF2-5	CONTAMINATED SOIL	I-30	20	—	—	—	20	16:20	Jeff Cox
				55						

RESULTS		
269	CHLORIDE TEST	3
	CHLORIDE TEST	
	CHLORIDE TEST	
Pass	PAINT FILTER TEST	3

LANDFARM EMPLOYEE [signature] DPO

☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out

NOTES Area 4

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

ENSOLUM

APPENDIX B

NMOSE Well Summary

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	SJ 03769 POD1	2	3	2	14	31N	09W	255236	4087366

Driller License:	717	**Driller Company:**	WESTERN WATER WELLS		
Driller Name:	HOOD, TERRY				
Drill Start Date:	11/25/2006	**Drill Finish Date:**	11/28/2006	**Plug Date:**	
Log File Date:	11/30/2006	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	3 GPM
Casing Size:	4.50	**Depth Well:**	485 feet	**Depth Water:**	390 feet

Water Bearing Stratifications:	Top	Bottom	Description
	395	455	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	385	485

ENSOLUM

APPENDIX C

Project Photographs

SITE PHOTOGRAPHS
Seymour 6
San Juan County, New Mexico
Hilcorp Energy Company

Photograph 1 View looking northeast at the below grade tank where the release originated. Oil staining can be seen on the soil and containment berm gravel.	
Photograph 2 View looking east at the eastern edge of the Seymour 6 well pad.	

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants
776 East 2nd Ave | Durango, CO 81301 | ensolum.com

SITE PHOTOGRAPHS
Seymour 6
San Juan County, New Mexico
Hilcorp Energy Company

Photograph 3 View looking east within the dry wash. Vegetation on the edges of the wash has been impacted by the release.		
Photograph 4 View looking north of impacted vegetation within the wash.		

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants
776 East 2nd Ave | Durango, CO 81301 | ensolum.com

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

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

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	372171
	Action Number: 146472
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Conditions of Approval are as follows; 1. Excavation base sampling: one (1) - five (5) point composite sample [5pcs] per 500 square feet [sq. ft.]. 2. Sidewall sampling: one (1) 5pcs per 400 sq. ft. 3. Off pad sampling: one (1) 5pcs per 100 lateral ft. 4. Provide supporting documentation for applicable siting criteria within any potential interim or final closure report. 5. Required to adhere to Paragraph 2 and 3 of Subsection C of 19.15.29.12 NMAC. 6. Required to adhere to Paragraph 1 of Subsection D of 19.15.29.13 NMAC. 7. Deadline for final closure report is Friday, January 13, 2023.	9/30/2022