



1115 Welsh Ave., Suite B
College Station, Texas 77840
979.324.2139
www.teamtimberwolf.com

REVIEWED**By N Velez at 11:18 am, Oct 21, 2025**

Within the Summary of Findings, continue with recommendations under "Further Actions – 4th Quarter 2025" sections of this report. Submit next quarterly report to OCD no later than January 15, 2026.

October 13, 2025

Mr. Nelson Velez, Environmental Specialist – Advanced
New Mexico Oil Conservation Division – District 3
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Status Report – 3rd Quarter 2025
Fifield 5 No. 1 (SE ¼, SW ¼, Sec. 5, T29N, R11W)
Hilcorp Energy Company
San Juan County, New Mexico
OCD Incident No. NVF1718155324

Dear Mr. Velez:

On behalf of Hilcorp Energy Company (Hilcorp), Timberwolf Environmental, LLC (Timberwolf) presents this report to document activities conducted during the 3rd quarter of 2025 (3Q25) at the Fifield 5 No. 1 (Site). The Site is a plugged well site in northeast San Juan County, New Mexico (Figures 1 through 3). Coordinates for the Site: 36.749847° N / 108.019561° W.

Environmental Setting and Site Geology

The area immediately surrounding the Site consists of sparse vegetative cover comprised primarily of scrub brush. Area topography consists of ridges divided by shallow valleys with intermittent streams that flow south into the San Juan River. The Site is situated east of an unnamed mesa, with an average Site elevation of approximately 5,786 feet (ft). The nearest waterway is an unnamed intermittent stream located approximately 1,350 ft west of the Site. The intermittent stream empties into the San Juan River, approximately 3.4 miles south of the Site.

According to the U.S. Department of Agriculture – Natural Resources Conservation Service (USDA-NRCS), the Site soil consists of the Gypsiorthids-Badland-Stumble complex, with 5 to 30 percent slopes. The surface layer consists of sandy loam, underlain by lithic bedrock encountered between 16 to 20 inches below ground surface (bgs). Native salinity of the soil is very slightly saline to slightly saline (2.0 to 4.0 millimhos per centimeter (mmhos/cm)).



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Site History

Release Event

The Fifield 5 No. 1 well has been plugged and all surface equipment removed from the Site; however, Hilcorp's Hali Meador #005R is located immediately west of the Site and remains active. Historically, the Site has consisted of a wellhead, line heater, and separator with the associated below-grade tank (BGT) for produced water, sales meter, and tank battery comprised of one above-ground storage tank (AST) and one BGT. On approximately 06/01/17, removal and closure of the BGT revealed historical contamination beneath the BGT. All surface equipment was removed, and the well was plugged and abandoned.

Investigation, Site Characterization, & Soil Monitoring

Initial assessment efforts were conducted by Rule Engineering, LLC (Rule), a subcontractor of ConocoPhillips Company (ConocoPhillips). Hilcorp acquired the property in 2017 and Rule conducted additional assessments in 2018. All findings by Rule Engineering are documented in Timberwolf's *Site Characterization and Remedial Action Plan*, dated February 28, 2019. The initial assessment identified the following constituents of concern (COCs): benzene, toluene, ethylbenzene, and xylene (BTEX) and total petroleum hydrocarbons (TPH).

On March 20, 2019, additional borings were installed at the Site to delineate petroleum hydrocarbon impacts vertically and horizontally in soil. All findings are documented in Timberwolf's *Site Characterization Report and Remedial Action Plan*, dated June 14, 2019.

On May 8, 2025, additional borings were installed at the Site to evaluate the effectiveness and remedial progress of the soil vapor extraction (SVE) treatment system. Sampling revealed the area of soil constituents exceeded regulatory criteria had reduced by approximately 57 percent, compared to prior to SVE implementation. Findings are detailed in Timberwolf's *Status Report – 2nd Quarter 2025*, dated July 11, 2025.

Remediation – SVE System

In 2019, Hilcorp installed an SVE system to treat impacted soil related to historical pit tank releases. The SVE system is comprised of 18 SVE wells, 6 vent wells, and an SVE trailer (housing: control valves, flow and vacuum gauges, manifolds, fluid-air separator, automated controls, and a vacuum pump). The system remained inoperative while awaiting a power source.

In September 2021, Hilcorp installed a power source for the SVE system. The power source is a skid-mounted gas-fired motor with a pulley and belt drive apparatus to transfer power to a vacuum pump. The new vacuum pump was plumbed into the existing SVE trailer; the automation system was by-passed so that all legs remained open.

Work conducted at this Site is documented in the following reports:

- *Site Characterization and Remedial Action Plan*, dated 02/28/19
- *Site Characterization Report and Remedial Action Plan*, dated 06/14/19
- *Status Report – 1st Quarter 2020*, dated 09/20/21



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- *Status Report – 2nd Quarter 2020*, dated 09/27/21
- *Status Report – 3rd Quarter 2020*, dated 09/27/21
- *Status Report – 4th Quarter 2020*, dated 09/27/21
- *Status Report – 1st Quarter 2021*, dated 09/27/21
- *Status Report – 2nd Quarter 2021*, dated 09/27/21
- *Status Report – 3rd Quarter 2021*, dated 11/01/21
- *Status Report – 4th Quarter 2021*, dated 01/29/22
- *Status Report – 1st Quarter 2022*, dated 04/15/22
- *Status Report – 2nd Quarter 2022*, dated 07/14/22
- *Status Report – 3rd Quarter 2022*, dated 10/14/22
- *Status Report – 4th Quarter 2022*, dated 01/13/23
- *Status Report – 1st Quarter 2023*, dated 04/14/23
- *Status Report – 2nd Quarter 2023*, dated 07/13/23
- *Status Report – 3rd Quarter 2023*, dated 10/11/23
- *Status Report – 4th Quarter 2023*, dated 01/08/24
- *Status Report – 1st Quarter 2024*, dated 04/11/24
- *Status Report – 2nd Quarter 2024*, dated 07/09/24
- *Status Report – 3rd Quarter 2024*, dated 10/07/24
- *Status Report – 4th Quarter 2024*, dated 01/10/25
- *Status Report – 1st Quarter 2025*, dated 04/10/25
- *Soil Monitoring Work Plan*, dated 04/30/25
- *Status Report – 2nd Quarter 2025*, dated 07/11/25.

SVE System Operations

The SVE system is equipped with four independent legs (i.e., Leg 1, Leg 2, Leg 3, and Leg 4). Leg 1 provides vacuum to the shallow wells (screened from 7-10 ft bgs) and Legs 2, 3, and 4 provide vacuum extraction to the deep SVE wells (screened from 25-35 ft bgs). System automation was incorporated in April 2024; automation was activated on 04/19/24 and programmed to oscillate between Legs 1, 2, 3, and 4 every 6 hours for continuous 24-hr operations.

Following the soil monitoring event that occurred on 05/08/25, system automation was reprogrammed on 05/09/25 to concentrate vapor extraction in the area where soil constituents remain elevated above regulatory closure criteria (i.e., Legs 1 and 2). Consequently, Legs 3 and 4 were removed from service. The SVE wells were reconfigured as shown in Figure 4. Current programmed runtimes are presented in Table 1 below.

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Table 1. Programmed Runtimes and Leg Configurations

Leg	SVE Wells and Location	Scheduled Runtime
Leg 1	Shallow SVE Wells S1, S2, S3 and S4 Central and Western side of treatment zone	12 hours
Leg 2	Deep SVE Wells W1, W5, W6, and W7 Central and Western side of treatment zone	12 hours
Leg 3	Deep SVE Wells W8, W11, W12 and W13 Southern side of treatment zone	0 hours
Leg 4	Deep SVE Wells W3, W4, W9, W10, and W14 Eastern side of treatment zone	0 hours

SVE – soil vapor extraction

Shallow Well Screen Interval – 7 to 10 ft

Deep Well Screen Interval – 25 to 35 ft.

Water and condensate are recovered with a moisture separator, which is fitted with a 1-inch PVC pipe to transfer recovered fluids to an open-top tank fitted with bird netting. No water and/or condensate were recovered during 3Q25 operation and maintenance (O&M) events and sampling period. SVE system runtime for 3Q25 is documented in Table 2 below.

Table 2. System Runtime – 3Q25

Date	Hour Meter
07/01/2025	4,966
07/08/2025	5,131
07/23/2025	5,493
08/13/2025	5,995
08/29/2025	6,377
09/05/2025	6,547
09/27/2025	7,074
Total Runtime	2,108

System runtime between the last 2Q25 reading (07/01/25) and the latest 3Q25 reading (09/27/25) was 2,108 hours. The total hours available during this period was 2,208 hours; therefore, yielding a runtime percentage (%) of 95.5 for 3Q25. Cygnet telemetry data showed continuous operation throughout the quarter. Photographs of relevant meter readings are documented in the attached Photographic Log.

During 3Q25, Hilcorp personnel conducted six (6) operational checks for the quarter. A field log of O&M events and maintenance performed is provided in the attached Table A-1.

Collection and Analysis of Quarterly Soil-Gas Sample

On 08/13/25, a composite soil-gas sample was collected from the SVE system's four Legs. A vacuum pump was connected to the SVE trailer's sampling port, which is situated downstream of the 4-leg manifold and upstream of the air-water separator. The sampling port valve was opened once the pump was activated to purge air within the tubing between the sampling port and Tedlar® bag. After purging, the Tedlar® bag valve was opened to collect the air sample.

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The soil-gas sample (i.e., SVE-1) was transported to Eurofins Albuquerque, located in Albuquerque, New Mexico. Eurofins Albuquerque analyzed the sample for volatile organic compounds (VOCs) and subcontracted other gas analyses to Energy Laboratories in Billings, Montana. All sample transfers were conducted under proper chain-of-custody protocol.

The sample was analyzed for VOCs using EPA method 8260B, for fixed gases (GC) by GPA method 2261-13, and for Gasoline Range Organics by EPA method 8015D. The laboratory report and chain-of-custody documents are attached.

Laboratory results of constituents that exceeded laboratory detection limits are presented in Table 3; analytical results of all constituents are presented in the attached Table A-2.

Table 3. Quarterly Soil-Gas Analysis – 08/13/25

Constituents	SVE-1
Volatile Organic Compounds (mg/m³)	
Benzene	2.0
Ethylbenzene	1.5
Isopropyl benzene	0.33
N-Propyl benzene	0.37
Toluene	17
Total Xylenes	20
1,2,4-Trimethylbenzene	1.7
1,3,5-Trimethylbenzene	1.5
Gasoline Range (mg/m³)	
TPH (GC-MS) Low Fraction (i.e., GRO)	720
Gases (Mol %)	
Oxygen	22.50
Carbon Dioxide	0.08

mg/m³ – milligrams per cubic meter, equivalent to ug/L

Mol % – mole percent

TPH – total petroleum hydrocarbons

GRO – gasoline range organics

GC-MS – gas chromatography-mass spectrometry

Mass Removal

Timberwolf used the laboratory results from the soil-gas analysis (as reported in Table 3), flow rates, and runtimes to calculate constituent mass removal. Mass removal of GRO, BTEX, and associated recovered volumes for 3Q25 are presented in Table 4 below.

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Table 4. Mass Removal and Associated Volume – 3Q25

Constituent	Mass Removal (kg) ¹	Total Mass Removed (lbs) ²	Recovered Volume (bbl)
GRO	298.46	656.62	2.44
Benzene	0.77	1.70	0.01
Toluene	5.22	11.49	0.04
Ethylbenzene	0.40	0.88	0.00
Xylenes	4.97	10.94	0.04

¹ Calculation = minutes ran * CFM * Concentration (mg/m³) * 1 M³/35.3147 ft³*1 g/1000 mg * 1 kg/1000 g

² Calculation = [Mass Removal] * 2.2 lbs/kg

GRO = from TPH (GC/MS) Low Fraction (i.e., gasoline range organics)

kg – kilograms

lbs – pounds

bbl – barrel

Assumptions:

- API Gravity = 52
- Concentrations of VOCs in soil-gas vapors have remained static throughout the quarter
- Runtime calculations based on hour meter readings from 07/01/25 to 09/27/25 and Cygnet telemetry data.

Summary of Findings

A summary of the 3Q25 events (i.e., SVE system operations) findings are presented below.

SVE Summary

System runtime during 3Q25 was 95.5% based on hour meter readings between 07/01/25 and 09/27/25; Cygnet telemetry data additionally showed continuous operation throughout the quarter.

During 3Q25, no water and/or condensate were recovered during O&M events. Additionally, mass removal calculations indicated the following recovery during the quarter:

- 2.44 bbl of GRO
- 1.70 lbs of benzene
- 11.49 lbs of toluene
- 0.88 lbs of ethylbenzene
- 10.94 lbs of xylenes.

Further Actions – 4th Quarter 2025

During 4Q25, the following activities are planned for the Site:

- Conduct bi-weekly Site O&M to ensure proper system function and drain any water/condensate accumulation in the moisture separator as needed
- A Site visit by Timberwolf personnel to reconfigure SVE system legs to maximize system efficacy
- Collect a quarterly soil-gas sample for laboratory analysis
- Prepare a 4Q25 status report.



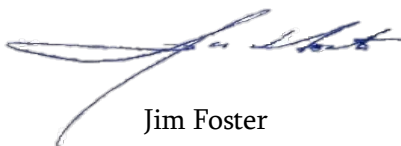
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October 13, 2025
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If you have any questions regarding this report, please call us at (979) 324-2139.

Sincerely,
Timberwolf Environmental, LLC



Anna Christiansen
Project Scientist



Jim Foster
President

Attachments: Figures
Attached Tables
Photographic Log
Laboratory Report and Chain-of-Custody Documents

cc: Mitch Killough, Hilcorp Energy Company

Figures

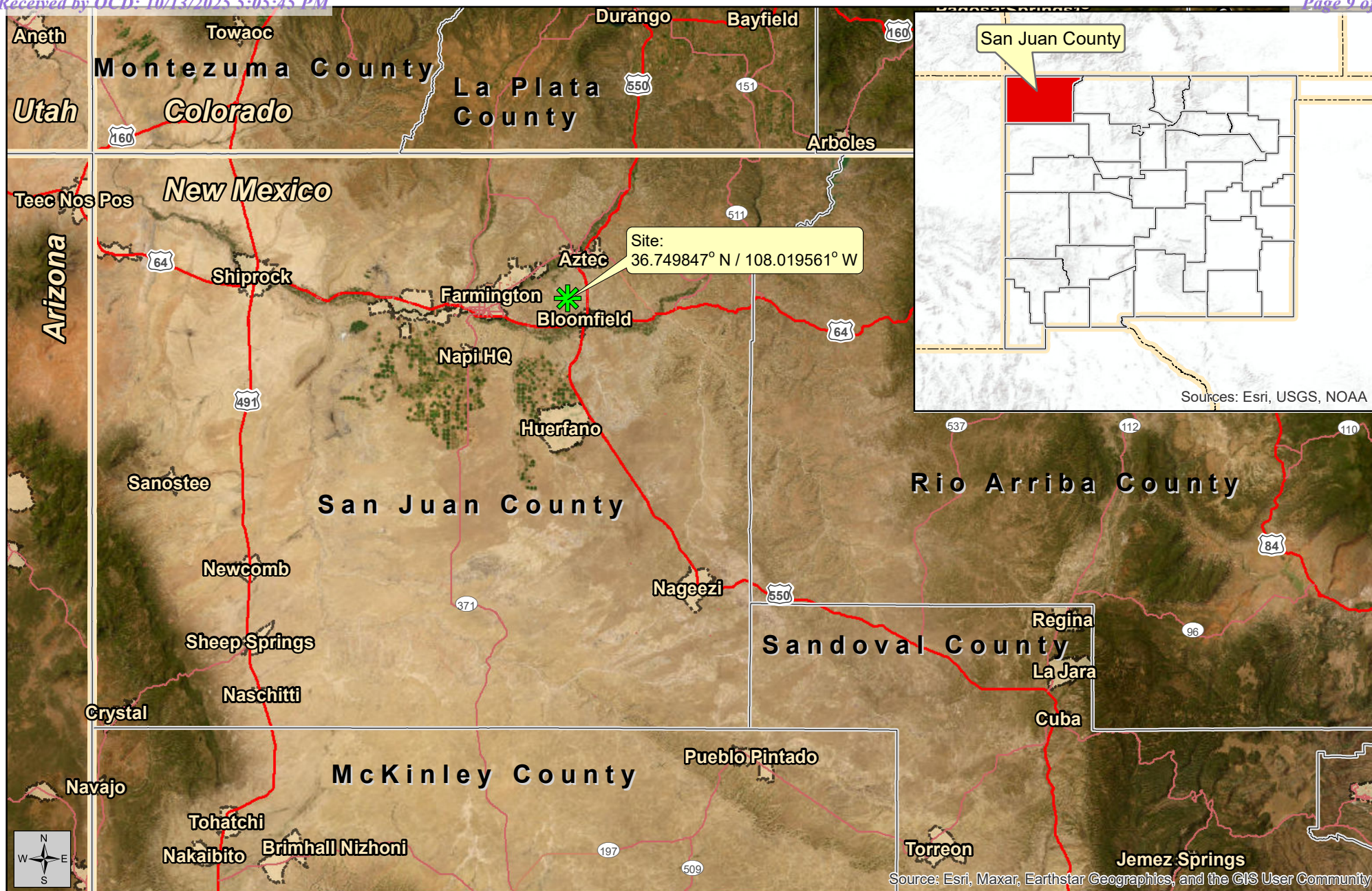


Figure 1
Site Location Map

Status Report - 3rd Quarter 2025

October 13, 2025



Created By:
Brandon Wiesinger
TE Project No.: HEC-190009

Fifield 5 No. 1 (OCD Incident No. NVF1718155324)
Hilcorp Energy Company
San Juan County, New Mexico

Datum: NAD83
Imagery Source: ESRI
Vector Source: ESRI and TE

 Site

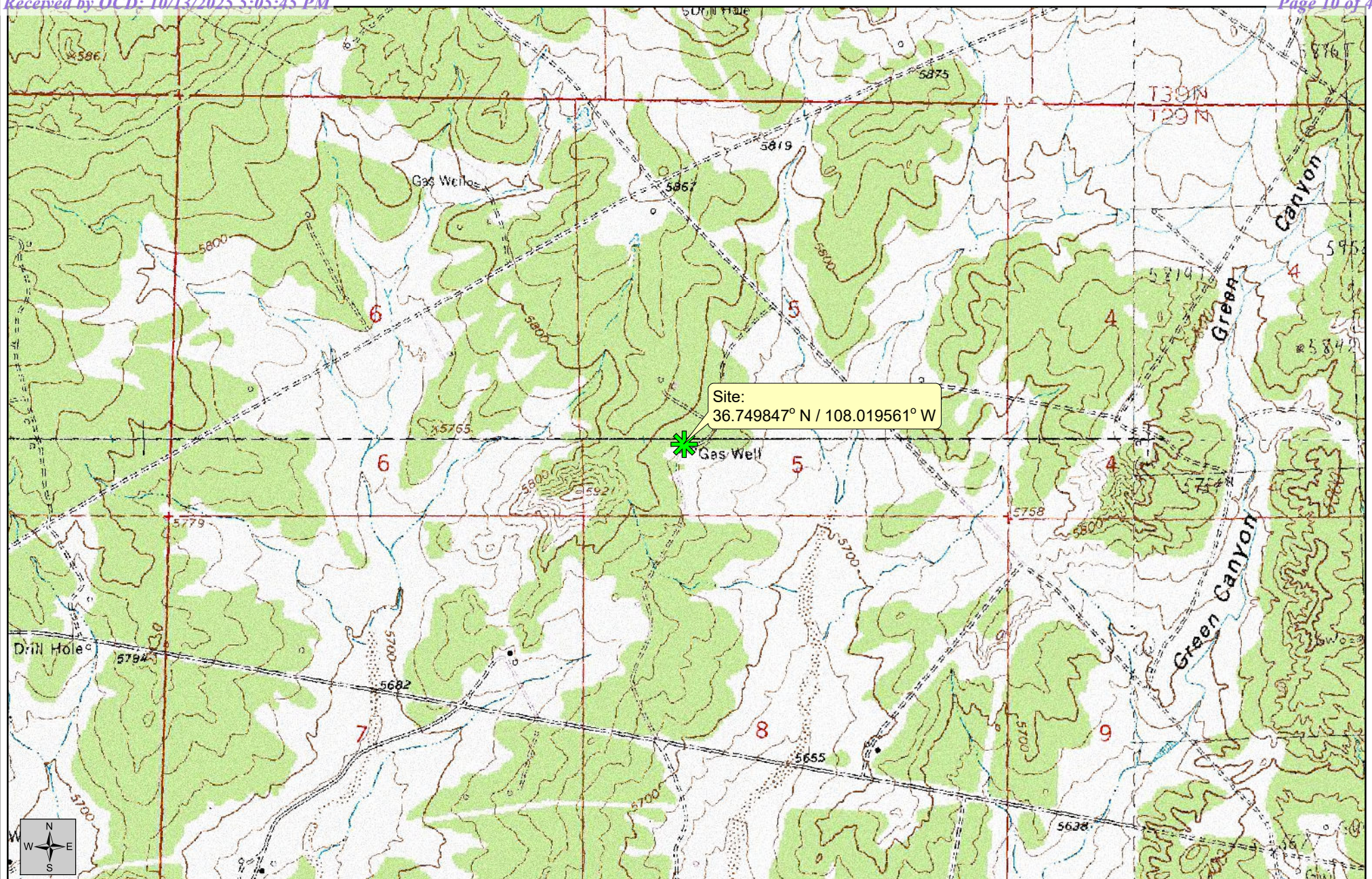


Figure 2
Topographic Map

Status Report - 3rd Quarter 2025

October 13, 2025



Created By:
Brandon Wiesinger
TE Project No.: HEC 120009

Fifield 5 No. 1 (OCD Incident No. NVF1718155324)
Hilcorp Energy Company
San Juan County, New Mexico

Datum: NAD83
Imagery Source: USGS
Quads: Aztec, Bloomfield,
Flora Vista, Horn Canyon
Vector Source: TE

Site

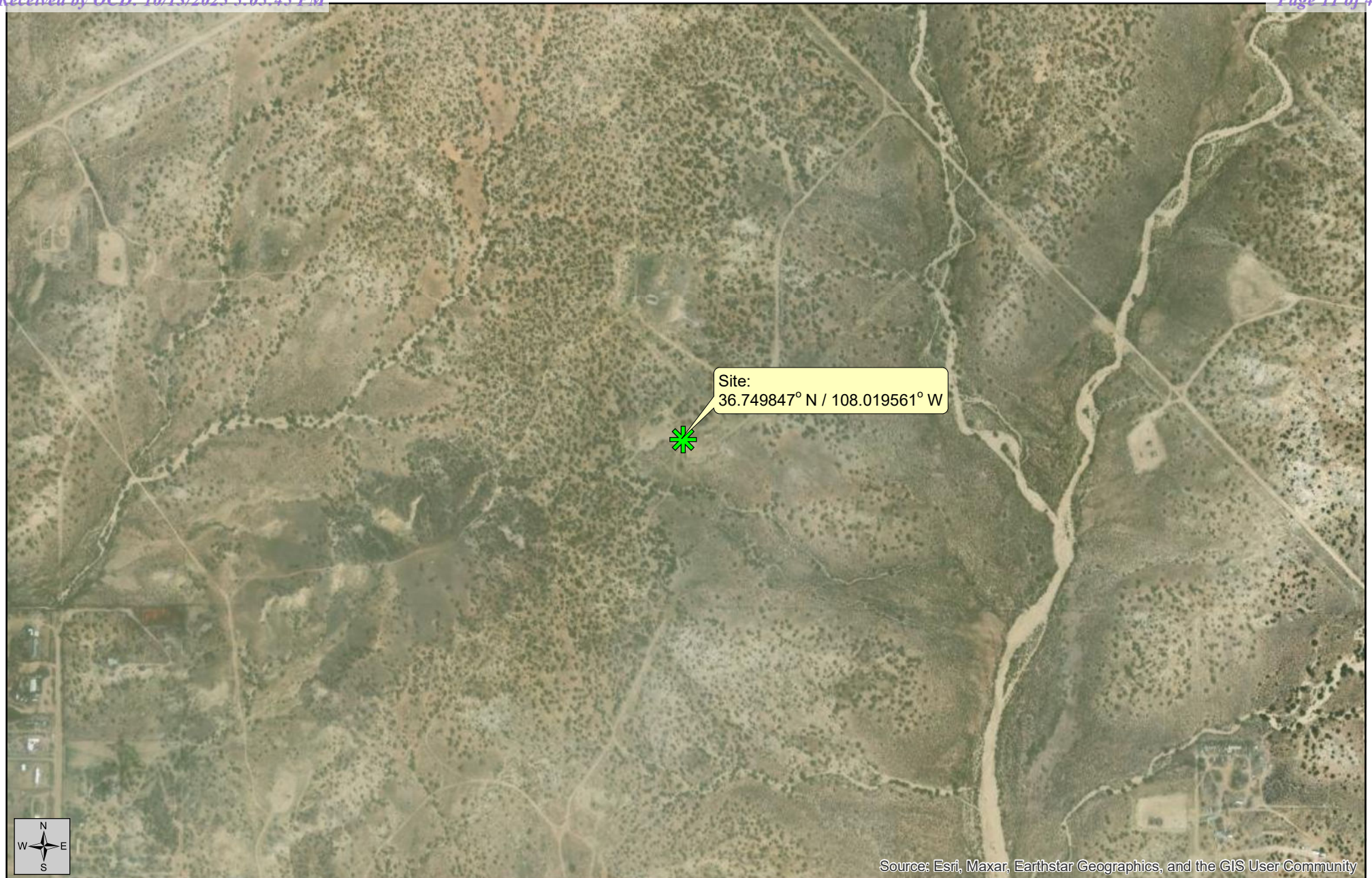


Figure 3
Aerial Map

Status Report - 3rd Quarter 2025

October 13, 2025



Created By:
Brandon Wiesinger
TE Project No.: HEC-120009

Fifield 5 No. 1 (OCD Incident No. NVF1718155324)
Hilcorp Energy Company
San Juan County, New Mexico

Datum: NAD83
Imagery Source: ESRI
Vector Source: TE

 **Site**

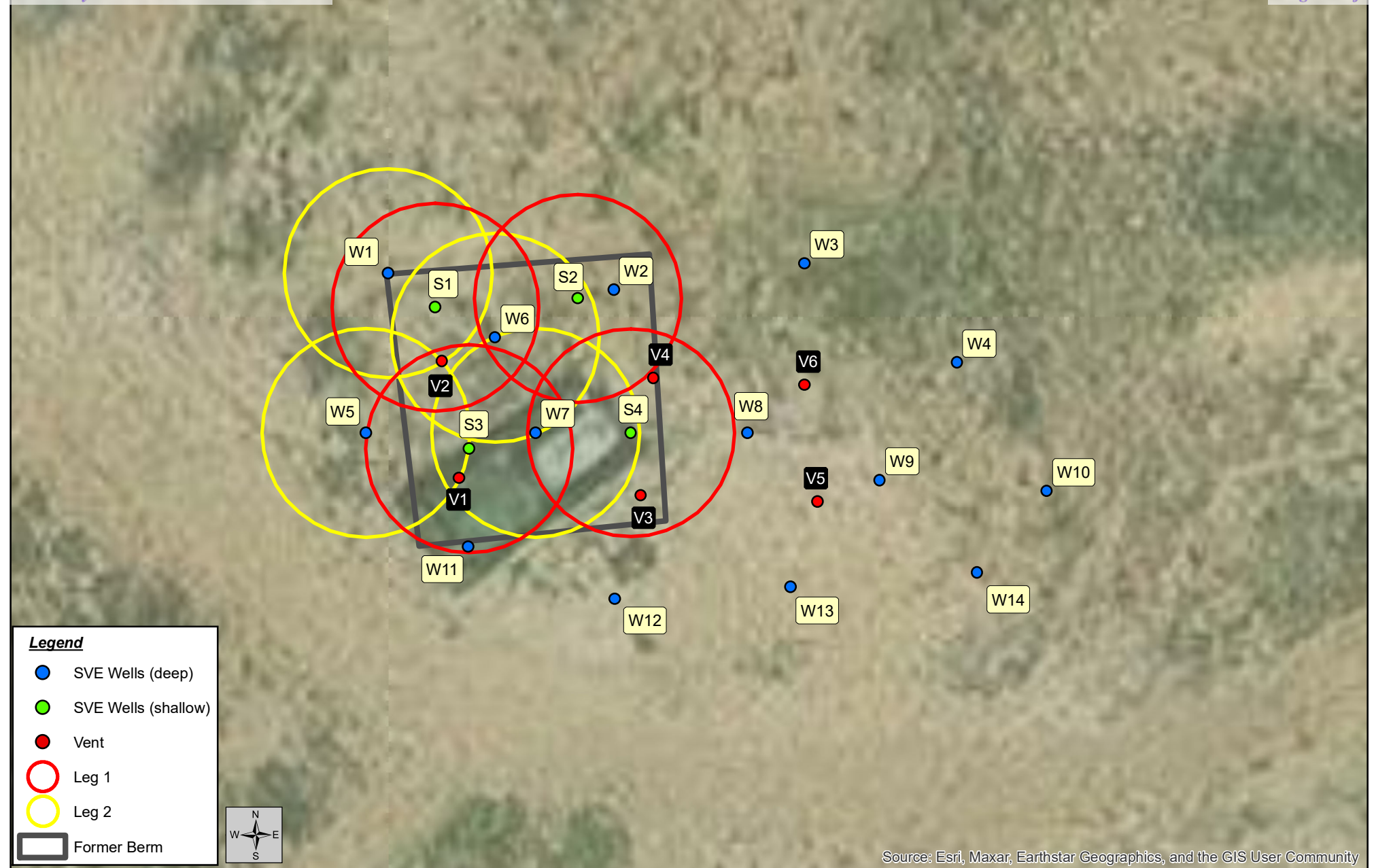


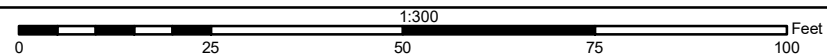
Figure 4
SVE Well Reconfiguration
Map (Current)

Status Report - 3rd Quarter 2025

Configuration Date:
May 9, 2025



Created By:
Brandon Wiesinger
TE Project No.: HEC-190009



Fifeild 5 No. 1 (OCD Incident No. NVF1718155324)
Hilcorp Energy Company
San Juan County, New Mexico

Datum: NAD83
Imagery Source: ESRI
Vector Source: TE

Attached Tables

**Table A-1. Operation and Maintenance Events
Status Report - 3rd Quarter 2025
Fifield 5 No. 1 (OCD Incident No. NVF1718155324)
San Juan County, New Mexico**

Date	Hour Meter (hrs)	Water/Condensate Recovered (gal)	Maintenance Performed
07/01/25	4,966	0	• Brandon Sinclair with Hilcorp performed SVE system O&M checks.
07/08/25	5,131	0	• Brandon Sinclair with Hilcorp performed SVE system O&M checks.
07/23/25	5,493	6.5	• Brandon Sinclair with Hilcorp performed SVE system O&M checks.
08/13/25	5,995	0	• Brandon Sinclair with Hilcorp performed SVE system O&M checks.
08/29/25	6,377	0	• Brandon Sinclair with Hilcorp performed SVE system O&M checks.
09/05/25	6,547	0	• Brandon Sinclair with Hilcorp performed SVE system O&M checks.
09/27/25	7,074	0	• Brandon Sinclair with Hilcorp performed SVE system O&M checks.

Table A-2. Soil-Gas Analysis - 08/13/25
Status Report - 3rd Quarter 2025
Fifield 5 No. 1 (OCD Incident No. NVF1718155324)
San Juan County, New Mexico

Constituents	SVE-1
Volatiles (µg/m³)	
Acetone	< 2,000
Benzene	2,000
Bromodichloromethane	< 200
Bromoform	< 200
Bromomethane	< 600
Carbon disulfide	< 2,000
Carbon tetrachloride	< 200
Chlorobenzene	< 200
Chloroethane	< 400
Chloroform	< 200
Chloromethane	< 600
2-Chlorotoluene	< 200
Dibromochloromethane	< 200
1,2-Dibromoethane	< 200
1,2-Dichlorobenzene	< 200
1,3-Dichlorobenzene	< 200
1,4-Dichlorobenzene	< 200
1,2-Dichloroethane	< 200
1,1-Dichloroethane	< 200
1,1-Dichloroethene	< 200
1,1-Dichloropropene	< 200
cis-1,2-Dichloroethene (cis-1,2-DCE)	< 200
trans-1,2-Dichloroethene (trans-1,2-DCE)	< 200
1,2-Dichloropropane	< 400
1,2-Dibromo-3-Chloropropane	< 400
cis-1,3-Dichloropropene	< 200
trans-1,3-Dichloropropene	< 200
Ethylbenzene	1,500
Trichlorofluoromethane	< 200
Dichlorodifluoromethane	< 200
Hexachloro-1,3-butadiene	< 200
Isopropylbenzene	330
Methylene Chloride	< 600
n-Propylbenzene	370
2-Butanone (MEK)	< 200
4-Methyl-2-pentanone (MIBK)	< 2000
Methyl-tert-butyl Ether (MTBE)	< 2,000
Naphthalene	< 400

Table A-2. Soil-Gas Analysis - 08/13/25
Status Report - 3rd Quarter 2025
Fifield 5 No. 1 (OCD Incident No. NVF1718155324)
San Juan County, New Mexico

Constituents	SVE-1
Styrene	< 200
1,1,1,2-Tetrachloroethane	< 200
1,1,2,2-Tetrachloroethane	< 400
Toluene	17,000
1,1,1-Trichloroethane	< 200
1,1,2-Trichloroethane	< 100
1,2,3- Trichloropropane	< 200
1,2,4-Trichlorobenzene	< 200
1,2,4-Trimethylbenzene	1,700
1,3,5-Trimethylbenzene	1,500
Vinyl chloride	< 200
Total Xylenes	20,000
Gasoline Range ($\mu\text{g}/\text{m}^3$)	
Gasoline Range Organics (GRO)	720,000
Gases (Mol %)	
Oxygen	22.5
Carbon Dioxide	0.08
Methane	< 0.01

$\mu\text{g}/\text{m}^3$ – micrograms per cubic meter

Mol % – mole percent

Photographic Log



1115 Welsh Ave., Suite B
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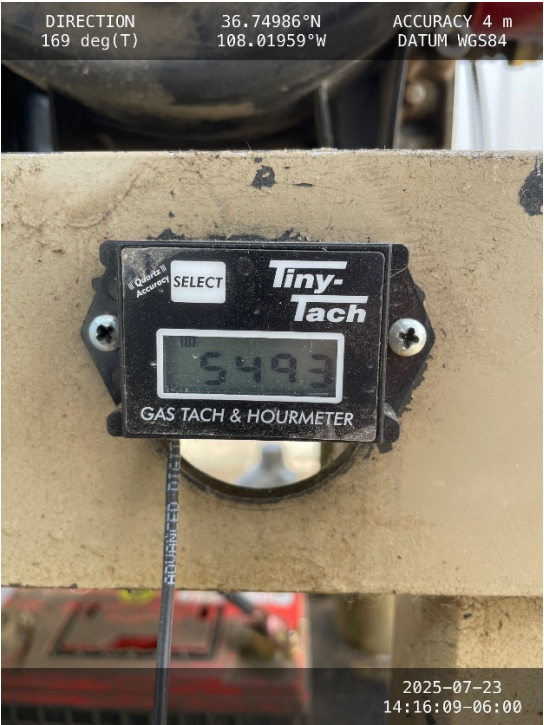
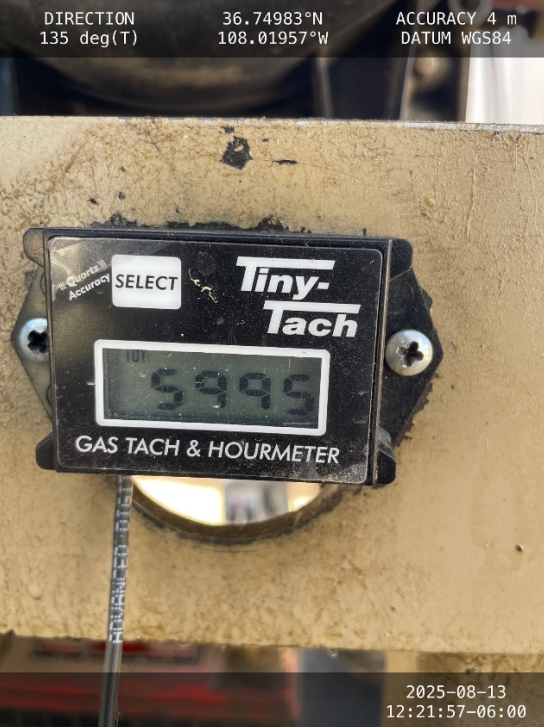
PHOTOGRAPHIC LOG

Project No.:	HEC-190009	Client:	Hilcorp Energy Company
Project Name:	Fifield 5 No. 1	Site Location:	San Juan County, New Mexico
Task Description:	Status Report – 3rd Quarter 2025	Date:	July – September, 2025
Photo No.: 1			
Direction: N/A			
Comments: View of hour meter on 07/01/25.			
Photo No.: 2			
Direction: N/A			
Comments: View of hour meter on 07/08/25.			



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PHOTOGRAPHIC LOG

Project No.:	HEC-190009	Client:	Hilcorp Energy Company
Project Name:	Fifield 5 No. 1	Site Location:	San Juan County, New Mexico
Task Description:	Status Report – 3rd Quarter 2025	Date:	July – September, 2025
Photo No.: 3			
Direction: N/A			
Comments: View of hour meter on 07/23/25.			
Photo No.: 4			
Direction: N/A			
Comments: View of hour meter on 08/13/25.			



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College Station, TX 77840
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PHOTOGRAPHIC LOG

Project No.:	HEC-190009	Client:	Hilcorp Energy Company
Project Name:	Fifield 5 No. 1	Site Location:	San Juan County, New Mexico
Task Description:	Status Report – 3rd Quarter 2025	Date:	July – September, 2025
Photo No.: 5			
Direction: N/A			
Comments: View of hour meter on 08/29/25.			
Photo No.: 6			
Direction: N/A			
Comments: View of hour meter on 09/05/25.			



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PHOTOGRAPHIC LOG

Project No.:	HEC-190009	Client:	Hilcorp Energy Company
Project Name:	Fifield 5 No. 1	Site Location:	San Juan County, New Mexico
Task Description:	Status Report – 3rd Quarter 2025	Date:	July – September, 2025
Photo No.: 7			
Direction: N/A			
Comments: View of hour meter on 09/27/25.			

Laboratory Report and Chain-of-Custody Documents



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mitch Killough
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

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JOB DESCRIPTION

Fifield S #1

JOB NUMBER

885-31121-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Michelle Garcia, Project Manager
michelle.garcia@et.eurofinsus.com
(505)345-3975

Client: Hilcorp Energy
Project/Site: Fifield S #1

Laboratory Job ID: 885-31121-1

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Definitions/Glossary

Client: Hilcorp Energy
Project/Site: Fifield S #1

Job ID: 885-31121-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Albuquerque

Case Narrative

Client: Hilcorp Energy
Project: Fifield S #1

Job ID: 885-31121-1

Job ID: 885-31121-1

Eurofins Albuquerque

Job Narrative 885-31121-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 8/15/2025 7:15 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

Subcontract Work

Method Fixed Gases: This method was subcontracted to Energy Laboratories, Inc. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Fifield S #1

Job ID: 885-31121-1

Client Sample ID: SVE-1

Lab Sample ID: 885-31121-1

Date Collected: 08/13/25 12:30

Matrix: Air

Date Received: 08/15/25 07:15

Sample Container: Tedlar Bag 1L

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.20	ug/L			08/20/25 17:49	2
1,1,1-Trichloroethane	ND		0.20	ug/L			08/20/25 17:49	2
1,1,2,2-Tetrachloroethane	ND		0.40	ug/L			08/20/25 17:49	2
1,1,2-Trichloroethane	ND		0.20	ug/L			08/20/25 17:49	2
1,1-Dichloroethane	ND		0.20	ug/L			08/20/25 17:49	2
1,1-Dichloroethene	ND		0.20	ug/L			08/20/25 17:49	2
1,1-Dichloropropene	ND		0.20	ug/L			08/20/25 17:49	2
1,2,3-Trichlorobenzene	ND		0.20	ug/L			08/20/25 17:49	2
1,2,3-Trichloropropane	ND		0.40	ug/L			08/20/25 17:49	2
1,2,4-Trichlorobenzene	ND		0.20	ug/L			08/20/25 17:49	2
1,2,4-Trimethylbenzene	1.7		0.20	ug/L			08/20/25 17:49	2
1,2-Dibromo-3-Chloropropane	ND		0.40	ug/L			08/20/25 17:49	2
1,2-Dibromoethane (EDB)	ND		0.20	ug/L			08/20/25 17:49	2
1,2-Dichlorobenzene	ND		0.20	ug/L			08/20/25 17:49	2
1,2-Dichloroethane (EDC)	ND		0.20	ug/L			08/20/25 17:49	2
1,2-Dichloropropane	ND		0.20	ug/L			08/20/25 17:49	2
1,3,5-Trimethylbenzene	1.5		0.20	ug/L			08/20/25 17:49	2
1,3-Dichlorobenzene	ND		0.20	ug/L			08/20/25 17:49	2
1,3-Dichloropropane	ND		0.20	ug/L			08/20/25 17:49	2
1,4-Dichlorobenzene	ND		0.20	ug/L			08/20/25 17:49	2
1-Methylnaphthalene	ND		0.80	ug/L			08/20/25 17:49	2
2,2-Dichloropropane	ND		0.40	ug/L			08/20/25 17:49	2
2-Butanone	ND		2.0	ug/L			08/20/25 17:49	2
2-Chlorotoluene	ND		0.20	ug/L			08/20/25 17:49	2
2-Hexanone	ND		2.0	ug/L			08/20/25 17:49	2
2-Methylnaphthalene	ND		0.80	ug/L			08/20/25 17:49	2
4-Chlorotoluene	ND		0.20	ug/L			08/20/25 17:49	2
4-Isopropyltoluene	ND		0.20	ug/L			08/20/25 17:49	2
4-Methyl-2-pentanone	ND		2.0	ug/L			08/20/25 17:49	2
Acetone	ND		2.0	ug/L			08/20/25 17:49	2
Benzene	2.0		0.20	ug/L			08/20/25 17:49	2
Bromobenzene	ND		0.20	ug/L			08/20/25 17:49	2
Bromodichloromethane	ND		0.20	ug/L			08/20/25 17:49	2
Dibromochloromethane	ND		0.20	ug/L			08/20/25 17:49	2
Bromoform	ND		0.20	ug/L			08/20/25 17:49	2
Bromomethane	ND		0.60	ug/L			08/20/25 17:49	2
Carbon disulfide	ND		2.0	ug/L			08/20/25 17:49	2
Carbon tetrachloride	ND		0.20	ug/L			08/20/25 17:49	2
Chlorobenzene	ND		0.20	ug/L			08/20/25 17:49	2
Chloroethane	ND		0.40	ug/L			08/20/25 17:49	2
Chloroform	ND		0.20	ug/L			08/20/25 17:49	2
Chloromethane	ND		0.60	ug/L			08/20/25 17:49	2
cis-1,2-Dichloroethene	ND		0.20	ug/L			08/20/25 17:49	2
cis-1,3-Dichloropropene	ND		0.20	ug/L			08/20/25 17:49	2
Dibromomethane	ND		0.20	ug/L			08/20/25 17:49	2
Dichlorodifluoromethane	ND		0.20	ug/L			08/20/25 17:49	2
Ethylbenzene	1.5		0.20	ug/L			08/20/25 17:49	2
Hexachlorobutadiene	ND		0.20	ug/L			08/20/25 17:49	2

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Fifield S #1

Job ID: 885-31121-1

Client Sample ID: SVE-1

Lab Sample ID: 885-31121-1

Date Collected: 08/13/25 12:30

Matrix: Air

Date Received: 08/15/25 07:15

Sample Container: Tedlar Bag 1L

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.33		0.20	ug/L			08/20/25 17:49	2
Methyl-tert-butyl Ether (MTBE)	ND		0.20	ug/L			08/20/25 17:49	2
Methylene Chloride	ND		0.60	ug/L			08/20/25 17:49	2
n-Butylbenzene	ND		0.60	ug/L			08/20/25 17:49	2
N-Propylbenzene	0.37		0.20	ug/L			08/20/25 17:49	2
Naphthalene	ND		0.40	ug/L			08/20/25 17:49	2
sec-Butylbenzene	ND		0.20	ug/L			08/20/25 17:49	2
Styrene	ND		0.20	ug/L			08/20/25 17:49	2
tert-Butylbenzene	ND		0.20	ug/L			08/20/25 17:49	2
Tetrachloroethene (PCE)	ND		0.20	ug/L			08/20/25 17:49	2
Toluene	17		0.20	ug/L			08/20/25 17:49	2
trans-1,2-Dichloroethene	ND		0.20	ug/L			08/20/25 17:49	2
trans-1,3-Dichloropropene	ND		0.20	ug/L			08/20/25 17:49	2
Trichloroethene (TCE)	ND		0.20	ug/L			08/20/25 17:49	2
Trichlorofluoromethane	ND		0.20	ug/L			08/20/25 17:49	2
Vinyl chloride	ND		0.20	ug/L			08/20/25 17:49	2
Xylenes, Total	20		0.30	ug/L			08/20/25 17:49	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		70 - 130		08/20/25 17:49	2
Toluene-d8 (Surr)	112		70 - 130		08/20/25 17:49	2
4-Bromofluorobenzene (Surr)	103		70 - 130		08/20/25 17:49	2
Dibromofluoromethane (Surr)	77		70 - 130		08/20/25 17:49	2

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	720		25	ug/L			08/21/25 14:12	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167		15 - 150		08/21/25 14:12	5

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: Fifield S #1

Job ID: 885-31121-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-32817/6

Matrix: Air

Analysis Batch: 32817

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.10	ug/L			08/20/25 15:20	1
1,1,1-Trichloroethane	ND		0.10	ug/L			08/20/25 15:20	1
1,1,2,2-Tetrachloroethane	ND		0.20	ug/L			08/20/25 15:20	1
1,1,2-Trichloroethane	ND		0.10	ug/L			08/20/25 15:20	1
1,1-Dichloroethane	ND		0.10	ug/L			08/20/25 15:20	1
1,1-Dichloroethene	ND		0.10	ug/L			08/20/25 15:20	1
1,1-Dichloropropene	ND		0.10	ug/L			08/20/25 15:20	1
1,2,3-Trichlorobenzene	ND		0.10	ug/L			08/20/25 15:20	1
1,2,3-Trichloropropane	ND		0.20	ug/L			08/20/25 15:20	1
1,2,4-Trichlorobenzene	ND		0.10	ug/L			08/20/25 15:20	1
1,2,4-Trimethylbenzene	ND		0.10	ug/L			08/20/25 15:20	1
1,2-Dibromo-3-Chloropropane	ND		0.20	ug/L			08/20/25 15:20	1
1,2-Dibromoethane (EDB)	ND		0.10	ug/L			08/20/25 15:20	1
1,2-Dichlorobenzene	ND		0.10	ug/L			08/20/25 15:20	1
1,2-Dichloroethane (EDC)	ND		0.10	ug/L			08/20/25 15:20	1
1,2-Dichloropropane	ND		0.10	ug/L			08/20/25 15:20	1
1,3,5-Trimethylbenzene	ND		0.10	ug/L			08/20/25 15:20	1
1,3-Dichlorobenzene	ND		0.10	ug/L			08/20/25 15:20	1
1,3-Dichloropropane	ND		0.10	ug/L			08/20/25 15:20	1
1,4-Dichlorobenzene	ND		0.10	ug/L			08/20/25 15:20	1
1-Methylnaphthalene	ND		0.40	ug/L			08/20/25 15:20	1
2,2-Dichloropropane	ND		0.20	ug/L			08/20/25 15:20	1
2-Butanone	ND		1.0	ug/L			08/20/25 15:20	1
2-Chlorotoluene	ND		0.10	ug/L			08/20/25 15:20	1
2-Hexanone	ND		1.0	ug/L			08/20/25 15:20	1
2-Methylnaphthalene	ND		0.40	ug/L			08/20/25 15:20	1
4-Chlorotoluene	ND		0.10	ug/L			08/20/25 15:20	1
4-Isopropyltoluene	ND		0.10	ug/L			08/20/25 15:20	1
4-Methyl-2-pentanone	ND		1.0	ug/L			08/20/25 15:20	1
Acetone	ND		1.0	ug/L			08/20/25 15:20	1
Benzene	ND		0.10	ug/L			08/20/25 15:20	1
Bromobenzene	ND		0.10	ug/L			08/20/25 15:20	1
Bromodichloromethane	ND		0.10	ug/L			08/20/25 15:20	1
Dibromochloromethane	ND		0.10	ug/L			08/20/25 15:20	1
Bromoform	ND		0.10	ug/L			08/20/25 15:20	1
Bromomethane	ND		0.30	ug/L			08/20/25 15:20	1
Carbon disulfide	ND		1.0	ug/L			08/20/25 15:20	1
Carbon tetrachloride	ND		0.10	ug/L			08/20/25 15:20	1
Chlorobenzene	ND		0.10	ug/L			08/20/25 15:20	1
Chloroethane	ND		0.20	ug/L			08/20/25 15:20	1
Chloroform	ND		0.10	ug/L			08/20/25 15:20	1
Chloromethane	ND		0.30	ug/L			08/20/25 15:20	1
cis-1,2-Dichloroethene	ND		0.10	ug/L			08/20/25 15:20	1
cis-1,3-Dichloropropene	ND		0.10	ug/L			08/20/25 15:20	1
Dibromomethane	ND		0.10	ug/L			08/20/25 15:20	1
Dichlorodifluoromethane	ND		0.10	ug/L			08/20/25 15:20	1
Ethylbenzene	ND		0.10	ug/L			08/20/25 15:20	1
Hexachlorobutadiene	ND		0.10	ug/L			08/20/25 15:20	1

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: Fifield S #1

Job ID: 885-31121-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-32817/6

Matrix: Air

Analysis Batch: 32817

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.10	ug/L			08/20/25 15:20	1
Methyl-tert-butyl Ether (MTBE)	ND		0.10	ug/L			08/20/25 15:20	1
Methylene Chloride	ND		0.30	ug/L			08/20/25 15:20	1
n-Butylbenzene	ND		0.30	ug/L			08/20/25 15:20	1
N-Propylbenzene	ND		0.10	ug/L			08/20/25 15:20	1
Naphthalene	ND		0.20	ug/L			08/20/25 15:20	1
sec-Butylbenzene	ND		0.10	ug/L			08/20/25 15:20	1
Styrene	ND		0.10	ug/L			08/20/25 15:20	1
tert-Butylbenzene	ND		0.10	ug/L			08/20/25 15:20	1
Tetrachloroethene (PCE)	ND		0.10	ug/L			08/20/25 15:20	1
Toluene	ND		0.10	ug/L			08/20/25 15:20	1
trans-1,2-Dichloroethene	ND		0.10	ug/L			08/20/25 15:20	1
trans-1,3-Dichloropropene	ND		0.10	ug/L			08/20/25 15:20	1
Trichloroethene (TCE)	ND		0.10	ug/L			08/20/25 15:20	1
Trichlorofluoromethane	ND		0.10	ug/L			08/20/25 15:20	1
Vinyl chloride	ND		0.10	ug/L			08/20/25 15:20	1
Xylenes, Total	ND		0.15	ug/L			08/20/25 15:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 130		08/20/25 15:20	1
Toluene-d8 (Surr)	86		70 - 130		08/20/25 15:20	1
4-Bromofluorobenzene (Surr)	85		70 - 130		08/20/25 15:20	1
Dibromofluoromethane (Surr)	87		70 - 130		08/20/25 15:20	1

Lab Sample ID: LCS 885-32817/5

Matrix: Air

Analysis Batch: 32817

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	18.7		ug/L		93	70 - 130
Benzene	20.0	21.1		ug/L		106	70 - 130
Chlorobenzene	20.0	21.9		ug/L		109	70 - 130
Toluene	20.0	21.8		ug/L		109	70 - 130
Trichloroethene (TCE)	20.0	19.8		ug/L		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	86		70 - 130
4-Bromofluorobenzene (Surr)	88		70 - 130
Dibromofluoromethane (Surr)	81		70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: Fifield S #1

Job ID: 885-31121-1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-32918/5

Matrix: Air

Analysis Batch: 32918

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	ug/L			08/21/25 11:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		15 - 150		08/21/25 11:56	1

Lab Sample ID: LCS 885-32918/3

Matrix: Air

Analysis Batch: 32918

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	50.0	46.0		ug/L		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	201		15 - 150

Eurofins Albuquerque

QC Association Summary

Client: Hilcorp Energy
Project/Site: Fifield S #1

Job ID: 885-31121-1

GC/MS VOA

Analysis Batch: 32817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31121-1	SVE-1	Total/NA	Air	8260B	
MB 885-32817/6	Method Blank	Total/NA	Air	8260B	
LCS 885-32817/5	Lab Control Sample	Total/NA	Air	8260B	

GC VOA

Analysis Batch: 32918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-31121-1	SVE-1	Total/NA	Air	8015D	
MB 885-32918/5	Method Blank	Total/NA	Air	8015D	
LCS 885-32918/3	Lab Control Sample	Total/NA	Air	8015D	

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- 2
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- 10
- 11
- 12

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Fifield S #1

Job ID: 885-31121-1

Client Sample ID: SVE-1
Date Collected: 08/13/25 12:30
Date Received: 08/15/25 07:15

Lab Sample ID: 885-31121-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	32817	RA	EET ALB	08/20/25 17:49
Total/NA	Analysis	8015D		5	32918	AT	EET ALB	08/21/25 14:12

Laboratory References:
= , 1120 South 27th Street, Billings, MT 59101, TEL (406)252-6325
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

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Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Fifield S #1

Job ID: 885-31121-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D		Air	Gasoline Range Organics [C6 - C10]
8260B		Air	1,1,1,2-Tetrachloroethane
8260B		Air	1,1,1-Trichloroethane
8260B		Air	1,1,2,2-Tetrachloroethane
8260B		Air	1,1,2-Trichloroethane
8260B		Air	1,1-Dichloroethane
8260B		Air	1,1-Dichloroethene
8260B		Air	1,1-Dichloropropene
8260B		Air	1,2,3-Trichlorobenzene
8260B		Air	1,2,3-Trichloropropane
8260B		Air	1,2,4-Trichlorobenzene
8260B		Air	1,2,4-Trimethylbenzene
8260B		Air	1,2-Dibromo-3-Chloropropane
8260B		Air	1,2-Dibromoethane (EDB)
8260B		Air	1,2-Dichlorobenzene
8260B		Air	1,2-Dichloroethane (EDC)
8260B		Air	1,2-Dichloropropane
8260B		Air	1,3,5-Trimethylbenzene
8260B		Air	1,3-Dichlorobenzene
8260B		Air	1,3-Dichloropropane
8260B		Air	1,4-Dichlorobenzene
8260B		Air	1-Methylnaphthalene
8260B		Air	2,2-Dichloropropane
8260B		Air	2-Butanone
8260B		Air	2-Chlorotoluene
8260B		Air	2-Hexanone
8260B		Air	2-Methylnaphthalene
8260B		Air	4-Chlorotoluene
8260B		Air	4-Isopropyltoluene
8260B		Air	4-Methyl-2-pentanone
8260B		Air	Acetone
8260B		Air	Benzene
8260B		Air	Bromobenzene
8260B		Air	Bromodichloromethane
8260B		Air	Bromoform
8260B		Air	Bromomethane
8260B		Air	Carbon disulfide
8260B		Air	Carbon tetrachloride
8260B		Air	Chlorobenzene
8260B		Air	Chloroethane
8260B		Air	Chloroform
8260B		Air	Chloromethane
8260B		Air	cis-1,2-Dichloroethene
8260B		Air	cis-1,3-Dichloropropene
8260B		Air	Dibromochloromethane

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Fifield S #1

Job ID: 885-31121-1

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Air	Dibromomethane
8260B		Air	Dichlorodifluoromethane
8260B		Air	Ethylbenzene
8260B		Air	Hexachlorobutadiene
8260B		Air	Isopropylbenzene
8260B		Air	Methylene Chloride
8260B		Air	Methyl-tert-butyl Ether (MTBE)
8260B		Air	Naphthalene
8260B		Air	n-Butylbenzene
8260B		Air	N-Propylbenzene
8260B		Air	sec-Butylbenzene
8260B		Air	Styrene
8260B		Air	tert-Butylbenzene
8260B		Air	Tetrachloroethene (PCE)
8260B		Air	Toluene
8260B		Air	trans-1,2-Dichloroethene
8260B		Air	trans-1,3-Dichloropropene
8260B		Air	Trichloroethene (TCE)
8260B		Air	Trichlorofluoromethane
8260B		Air	Vinyl chloride
8260B		Air	Xylenes, Total

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D		Air	Gasoline Range Organics [C6 - C10]
8260B		Air	1,1,1,2-Tetrachloroethane
8260B		Air	1,1,1-Trichloroethane
8260B		Air	1,1,2,2-Tetrachloroethane
8260B		Air	1,1,2-Trichloroethane
8260B		Air	1,1-Dichloroethane
8260B		Air	1,1-Dichloroethene
8260B		Air	1,1-Dichloropropene
8260B		Air	1,2,3-Trichlorobenzene
8260B		Air	1,2,3-Trichloropropane
8260B		Air	1,2,4-Trichlorobenzene
8260B		Air	1,2,4-Trimethylbenzene
8260B		Air	1,2-Dibromo-3-Chloropropane
8260B		Air	1,2-Dibromoethane (EDB)
8260B		Air	1,2-Dichlorobenzene
8260B		Air	1,2-Dichloroethane (EDC)
8260B		Air	1,2-Dichloropropane
8260B		Air	1,3,5-Trimethylbenzene
8260B		Air	1,3-Dichlorobenzene
8260B		Air	1,3-Dichloropropane
8260B		Air	1,4-Dichlorobenzene

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Fifield S #1

Job ID: 885-31121-1

Laboratory: Eurofins Albuquerque (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260B		Air	1-Methylnaphthalene
8260B		Air	2,2-Dichloropropane
8260B		Air	2-Butanone
8260B		Air	2-Chlorotoluene
8260B		Air	2-Hexanone
8260B		Air	2-Methylnaphthalene
8260B		Air	4-Chlorotoluene
8260B		Air	4-Isopropyltoluene
8260B		Air	4-Methyl-2-pentanone
8260B		Air	Acetone
8260B		Air	Benzene
8260B		Air	Bromobenzene
8260B		Air	Bromodichloromethane
8260B		Air	Bromoform
8260B		Air	Bromomethane
8260B		Air	Carbon disulfide
8260B		Air	Carbon tetrachloride
8260B		Air	Chlorobenzene
8260B		Air	Chloroethane
8260B		Air	Chloroform
8260B		Air	Chloromethane
8260B		Air	cis-1,2-Dichloroethene
8260B		Air	cis-1,3-Dichloropropene
8260B		Air	Dibromochloromethane
8260B		Air	Dibromomethane
8260B		Air	Dichlorodifluoromethane
8260B		Air	Ethylbenzene
8260B		Air	Hexachlorobutadiene
8260B		Air	Isopropylbenzene
8260B		Air	Methylene Chloride
8260B		Air	Methyl-tert-butyl Ether (MTBE)
8260B		Air	Naphthalene
8260B		Air	n-Butylbenzene
8260B		Air	N-Propylbenzene
8260B		Air	sec-Butylbenzene
8260B		Air	Styrene
8260B		Air	tert-Butylbenzene
8260B		Air	Tetrachloroethene (PCE)
8260B		Air	Toluene
8260B		Air	trans-1,2-Dichloroethene
8260B		Air	trans-1,3-Dichloropropene
8260B		Air	Trichloroethene (TCE)
8260B		Air	Trichlorofluoromethane
8260B		Air	Vinyl chloride
8260B		Air	Xylenes, Total

Eurofins Albuquerque



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ANALYTICAL SUMMARY REPORT

August 22, 2025

Eurofins TestAmerica - Albuquerque

4901 Hawkins St NE Ste D

Albuquerque, NM 87109-4372

Work Order: B25081762

Quote ID: B15626

Project Name: 88501698 Fifield S #1

Energy Laboratories Inc Billings MT received the following 1 sample for Eurofins TestAmerica - Albuquerque on 8/19/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25081762-001	SVE-1 (885-31121-1)	08/13/25 12:30	08/19/25	Air	Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond./1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 So. 27th Street, Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

If you have any questions regarding these test results, please contact your Project Manager.



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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Eurofins TestAmerica - Albuquerque
Project: 88501698 Fifield S #1
Lab ID: B25081762-001
Client Sample ID: SVE-1 (885-31121-1)

Report Date: 08/22/25
Collection Date: 08/13/25 12:30
Date Received: 08/19/25
Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
GAS CHROMATOGRAPHY ANALYSIS REPORT							
Oxygen	22.50	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
Nitrogen	77.40	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
Carbon Dioxide	0.08	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
Hydrogen Sulfide	<0.01	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
Methane	<0.01	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
Ethane	<0.01	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
Propane	<0.01	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
Isobutane	<0.01	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
n-Butane	<0.01	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
Isopentane	<0.01	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
n-Pentane	<0.01	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
Hexanes plus	0.02	Mol %		0.01		GPA 2261-13	08/21/25 14:39 / jrj
Propane	< 0.001	gpm		0.001		GPA 2261-13	08/21/25 14:39 / jrj
Isobutane	< 0.001	gpm		0.001		GPA 2261-13	08/21/25 14:39 / jrj
n-Butane	< 0.001	gpm		0.001		GPA 2261-13	08/21/25 14:39 / jrj
Isopentane	< 0.001	gpm		0.001		GPA 2261-13	08/21/25 14:39 / jrj
n-Pentane	< 0.001	gpm		0.001		GPA 2261-13	08/21/25 14:39 / jrj
Hexanes plus	0.008	gpm		0.001		GPA 2261-13	08/21/25 14:39 / jrj
GPM Total	0.008	gpm		0.001		GPA 2261-13	08/21/25 14:39 / jrj
GPM Pentanes plus	0.008	gpm		0.001		GPA 2261-13	08/21/25 14:39 / jrj

CALCULATED PROPERTIES

Gross BTU per cu ft @ Std Cond. (HHV)	1		1		GPA 2261-13	08/21/25 14:39 / jrj
Net BTU per cu ft @ std cond. (LHV)	1		1		GPA 2261-13	08/21/25 14:39 / jrj
Pseudo-critical Pressure, psia	547		1		GPA 2261-13	08/21/25 14:39 / jrj
Pseudo-critical Temperature, deg R	239		1		GPA 2261-13	08/21/25 14:39 / jrj
Specific Gravity @ 60/60F	0.999		0.001		D3588-17	08/21/25 14:39 / jrj
Air, %	102.81		0.01		GPA 2261-13	08/21/25 14:39 / jrj

- The analysis was not corrected for air.

COMMENTS

-						08/21/25 14:39 / jrj
- BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior. - GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions. - To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825. - Standard conditions: 60 F & 14.73 psi on a dry basis.						

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



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QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25081762

Report Date: 08/22/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: GPA 2261-13									Batch: R447948	
Lab ID: B25081762-001ADUP	12 Sample Duplicate				Run: GC7890_250821A				08/21/25 15:28	
Oxygen		22.0	Mol %	0.01				2.5	20	
Nitrogen		78.0	Mol %	0.01				0.7	20	
Carbon Dioxide		0.08	Mol %	0.01				0.0	20	
Hydrogen Sulfide		<0.01	Mol %	0.01					20	
Methane		<0.01	Mol %	0.01					20	
Ethane		<0.01	Mol %	0.01					20	
Propane		<0.01	Mol %	0.01					20	
Isobutane		<0.01	Mol %	0.01					20	
n-Butane		<0.01	Mol %	0.01					20	
Isopentane		<0.01	Mol %	0.01					20	
n-Pentane		<0.01	Mol %	0.01					20	
Hexanes plus		0.02	Mol %	0.01				0.0	20	
Lab ID: LCS082125									08/21/25 17:50	
	11 Laboratory Control Sample				Run: GC7890_250821A					
Oxygen		0.61	Mol %	0.01	124	70	130			
Nitrogen		6.24	Mol %	0.01	106	70	130			
Carbon Dioxide		0.97	Mol %	0.01	97	70	130			
Methane		76.2	Mol %	0.01	100	70	130			
Ethane		6.02	Mol %	0.01	99	70	130			
Propane		5.07	Mol %	0.01	102	70	130			
Isobutane		1.76	Mol %	0.01	88	70	130			
n-Butane		1.88	Mol %	0.01	94	70	130			
Isopentane		0.50	Mol %	0.01	100	70	130			
n-Pentane		0.51	Mol %	0.01	102	70	130			
Hexanes plus		0.21	Mol %	0.01	102	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



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Work Order Receipt Checklist

Eurofins TestAmerica - Albuquerque

B25081762

Login completed by: Crystal M. Jones

Date Received: 8/19/2025

Reviewed by: dharris

Received by: SW

Reviewed Date: 8/20/2025

Carrier name: FedEx NDA

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☐	No ☒	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☒	No ☐	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☐	No ☒	Not Applicable ☐
Container/Temp Blank temperature:	22.8°C No Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes ☐	No ☐	No VOA vials submitted ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.

Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

Contact and Corrective Action Comments:

The temperature of the sample(s) in shipping container 1 was 22.8°C and shipping container 2 was 21.6°C. CMJ
08/19/25



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Laboratory Certifications and Accreditations

Current certificates are available at www.energylab.com website:

	Agency	Number
Billings, MT  	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
	Florida (Primary NELAP)	E87668
	Idaho	MT00005
	Louisiana	05079
	Montana	CERT0044
	Nebraska	NE-OS-13-04
	Nevada	NV-C24-00250
	North Dakota	R-007
	National Radon Proficiency	109383-RMP
	Oregon	4184
	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
Casper, WY 	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
	Louisiana	05083
	Montana	CERT0002
	Nebraska	NE-OS-08-04
	Nevada	NV-C24-00245
	North Dakota	R-125
	Oregon	WY200001
	South Dakota	WY00002
	Texas	T104704181-23-21
	US EPA Region VIII	WY00002
	USNRC License	49-26846-01
	Washington	C1012
Gillette, WY	US EPA Region VIII	WY00006
Helena, MT	Colorado	MT00945
	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090

4901 Hawkins NE
Albuquerque, NM 87109
Phone: 505-345-3975 Fax: 505-345-4107

Environment Testing

[illegible]

Ver: 10/10/2024



ICOC No:
885-6172

Containers

<u>Count</u>	<u>Container Type</u>	<u>Preservative</u>
1	Tedlar Bag 1L	None

Subcontract Method Instructions

Sample IDs	Method	Method Description	Method Comments
1	SUBCONTRACT	SUB - Subcontract - Fixed Gases	Fixed Gases

Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-31121-1

Login Number: 31121

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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 514843

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 514843
	Action Type: [REPORT] Alternative Remediation Report (C-141AR)

CONDITIONS

Created By	Condition	Condition Date
nvez	Within the Summary of Findings, continue with recommendations under "Further Actions – 4th Quarter 2025" sections of this report. Submit next quarterly report to OCD no later than January 15, 2026.	10/21/2025