



January 13, 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: Fourth Quarter 2025 – SVE System Update

Scott 4M
San Juan County, New Mexico
Hilcorp Energy Company
NMOCD Incident Number: NCE2003650476

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Fourth Quarter 2025 –SVE System Update* report summarizing the soil vapor extraction (SVE) system performance at the Scott 4M natural gas production well (Site), located in Section 17, Township 31 North, and Range 10 West in San Juan County, New Mexico (Figure 1). The SVE system has been operating since January 2021 to remediate subsurface soil impacts resulting from approximately 42 barrels (bbls) of natural gas condensate released from an aboveground storage tank. This report summarizes Site activities performed in October, November, and December of 2025.

SVE SYSTEM SPECIFICATIONS

The previous SVE system was installed at the Site at the end of September 2022 and consisted of a 3-phase, 3.4 horsepower Republic Model KVHRC500 blower capable of producing a flow of 221 cubic feet per minute (cfm) and a vacuum of 76 inches of water column (IWC). Between August 13 and September 2, 2025, a larger SVE system was mobilized to the site to increase the radius of influence (ROI) at extraction wells SVE01, SVE03, and SVE04, in order to accelerate soil remediation at BH09. The upgraded SVE system at the Site consists of a 3-phase, 6 horsepower Atlantic Blower AB-802 regenerative blower capable of producing 399 cfm flow and 125 IWC vacuum. The system is powered by a permanent power drop and is intended to run 24 hours per day. Seven SVE wells are currently present at the Site (SVE01 through SVE07, shown on Figure 2). SVE wells SVE01 through SVE03 are screened at depth intervals ranging from 25 feet to 45 feet below ground surface (bgs) in order to remediate deep soil impacts located at the Site. SVE wells SVE04 and SVE05 are screened at depth intervals ranging from 5 feet to 25 feet bgs in order to remediate shallow soil impacts at the Site. SVE wells SVE06 and SVE07 were installed at the Site in order to complete the pilot test conducted in 2021; however, these wells are not located in impacted areas and are not connected to the permanent SVE system.

FOURTH QUARTER 2025 ACTIVITIES

During the fourth quarter of 2025, Ensolum and Hilcorp personnel performed bi-weekly operation and maintenance (O&M) visits to verify the system was operating as designed and to perform any required maintenance. During the fourth quarter of 2025, extraction was focused on wells SVE01, SVE03, and SVE04. Between September 26 and December 31, 2025, the SVE system operated for 2,303.5 hours for a runtime efficiency of 100%. Photographs of the runtime meters for calculating the fourth quarter runtime efficiency are presented as Appendix B. The SVE system operational hours and calculated percent runtime are presented in Table 1.

A fourth quarter 2025 vapor sample was collected on November 13, 2025, from a sample port located between the SVE piping manifold and the SVE blower, using a high vacuum air sampler. Prior to collection, the vapor sample was field screened with a calibrated photoionization detector (PID) for organic vapor monitoring (OVM). The vapor sample was collected directly into two 1-Liter Tedlar® bags and submitted to Eurofins Environment Testing in Albuquerque, New Mexico for analysis of total volatile petroleum hydrocarbons [TVPH – also known as total petroleum hydrocarbons – gasoline range organics (TPH-GRO)] following United States Environmental Protection Agency (EPA) Method 8015D, volatile organic compounds (VOCs) following EPA Method 8260B, and fixed gas analysis of oxygen and carbon dioxide following Gas Processors Association (GPA) Method 2261. A summary of analytical data collected during this sampling event and historical sampling events is provided in Table 2, with the full laboratory analytical report included as Appendix C.

Vapor sample data and measured flow rates are used to estimate total mass recovered and total emissions generated by the SVE system (Table 3). Based on these estimates, 9,082 pounds (4.5 tons) of TVPH have been removed by the system to date.

RECOMMENDATIONS

Bi-weekly O&M visits will continue to be performed by Ensolum and/or Hilcorp personnel to confirm the SVE system is operating within normal working ranges (i.e., temperature, pressure, and vacuum) until it is determined that SVE is no longer effective, at which point additional soil samples will be collected in accordance with the NMOCD approved workplan. Deviations from regular SVE system operations will be noted on field logs and included in the following quarterly report.

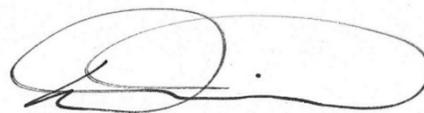
We appreciate the opportunity to provide this report to the NMOCD. If you should have any questions or comments regarding this report, please contact the undersigned.

Sincerely,

Ensolum, LLC



Stuart Hyde, PG (licensed in TX, WA, & WY)
Senior Managing Geologist
(970) 903-1607
shyde@ensolum.com



Daniel R. Moir, PG (licensed in WY & TX)
Senior Managing Geologist
(303) 887-2946
dmoir@ensolum.com

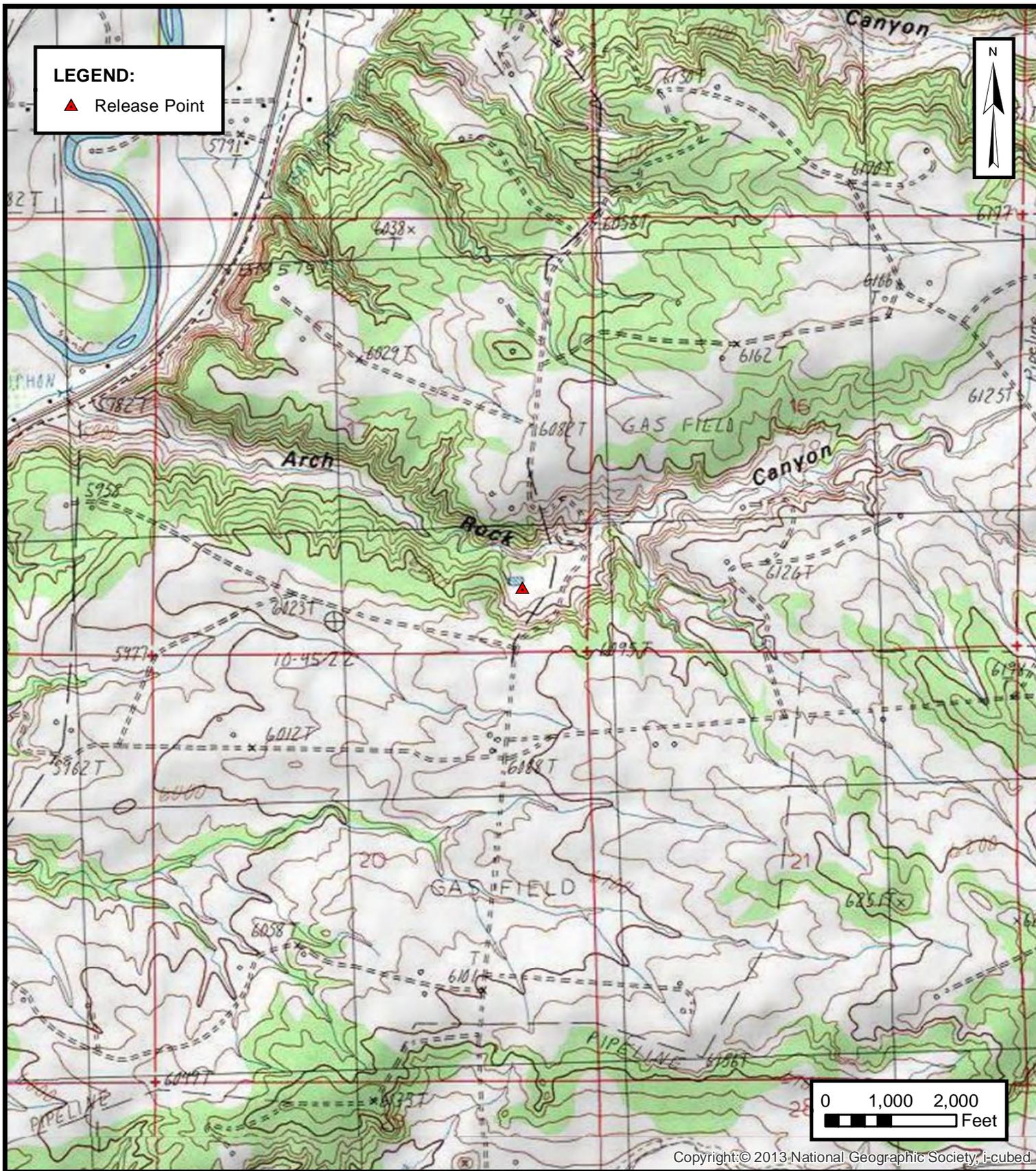
Attachments:

Figure 1	Site Location
Figure 2	SVE System Configuration
Figure 3	Performance Soil Sample Locations
Table 1	Soil Vapor Extraction System Runtime Calculations
Table 2	Soil Vapor Extraction System Air Analytical Results
Table 3	Soil Vapor Extraction System Mass Removal and Emissions
Appendix A	Field Notes
Appendix B	Project Photographs
Appendix C	Vapor Sample Laboratory Analytical Report



Figures





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ENSOLUM
Environmental & Hydrogeologic Consultants

SITE LOCATION

HILCORP ENERGY COMPANY
SCOTT 4M
SESE SEC 17 T31N R10W, San Juan County, New Mexico
36.893345° N, 107.899185° W

PROJECT NUMBER: 07A1988016

FIGURE

1



SVE SYSTEM CONFIGURATION

HILCORP ENERGY COMPANY
SCOTT 4M
SESE SEC 17 T31N R10W, San Juan County, New Mexico
36.893345° N, 107.899185° W

PROJECT NUMBER: 07A1988016

FIGURE
2



Tables

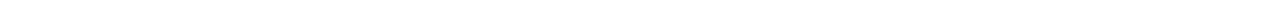




TABLE 1
SOIL VAPOR EXTRACTION SYSTEM RUNTIME CALCULATIONS
Scott 4M
Hilcorp Energy Company
San Juan County, New Mexico

Date	Total Operational Hours	Delta Hours	Days	Percent Runtime
9/26/2025	19,099	--	--	--
12/31/2025	21,402	2,303.5	96.0	100%



TABLE 2
SOIL VAPOR EXTRACTION SYSTEM EMISSIONS ANALYTICAL RESULTS
 Scott 4M
 Hilcorp Energy Company
 San Juan County, New Mexico

Date	PID (ppm)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TVPH/GRO (µg/L)	Oxygen (%)	Carbon Dioxide (%)
2/1/2021	118	85	240	10	64	18,000	--	--
9/7/2021	53	40	280	24	240	15,000	--	--
9/29/2021	316	210	1,800	240	2,200	85,000	--	--
12/2/2021	232	48	320	32	310	50,000	16.60%	1.03%
3/15/2022	402	38	430	63	660	18,000	20.80%	0.473%
6/16/2022	89	1.3	13	1.6	17	750	21.57%	0.15%
9/28/2022	476	9.6	120	19	220	5,900	20.73%	0.90%
12/12/2022	198	2.5	26	4.9	59	2,100	21.65%	0.27%
3/9/2023	274	1.0	19	4.0	50	1,500	21.64%	0.19%
6/22/2023	247	1.2	16	2.4	34	940	21.42%	0.29%
8/23/2023	186	1.0	12	2.0	29	930	21.49%	0.32%
11/27/2023	129	0.86	11	1.5	22	860	21.40%	0.22%
3/5/2024	57.5	<0.50	5.6	0.76	12	260	22.25%	0.10%
6/13/2024	88.7	0.67	8.0	1.1	18	490	21.78%	0.15%
9/18/2024	66.0	10	62	<5.0	69	270	22.10%	0.06%
11/26/2024	4.1	<0.10	0.11	<0.10	0.38	9.9	21.45%	0.05%
2/10/2025	42.5	<0.50	2.4	<0.50	3.8	120	20.59%	0.18%
5/27/2025	70.8	0.58	5.8	1.2	14	690	21.94%	0.21%
8/13/2025	72.5	0.62	6.6	1.4	16	590	22.01%	0.54%
11/13/2025	61.7	0.66	7.5	0.87	12	430	21.83%	0.18%

Notes:

GRO: gasoline range organics
 µg/L: microgram per liter
 PID: photoionization detector
 ppm: parts per million

TVPH: total volatile petroleum hydrocarbons
 %: percent
 --: not sampled
 Grey: Below laboratory reporting limit



TABLE 3
SOIL VAPOR EXTRACTION SYSTEM MASS REMOVAL AND EMISSIONS
 Scott 4M
 Hilcorp Energy Company
 San Juan County, New Mexico

Laboratory Analysis						
Date	PID (ppm)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TVPH (µg/L)
2/1/2021	118	85	240	10	64	18,000
9/7/2021	53	40	280	24	240	15,000
9/29/2021	316	210	1,800	240	2,200	85,000
12/2/2021	232	48	320	32	310	50,000
3/15/2022	402	38	430	63	660	18,000
6/16/2022	89	1.3	13	1.6	17	750
9/9/2022 (1)	476	9.6	120	19	220	5,900
12/10/2022 (2)	198	2.5	26	4.9	59	2,100
3/9/2023	274	1.0	19	4.0	50	1,500
6/22/2023	247	1.2	16	2.4	34	940
8/23/2023	186	1.0	12	2.0	29	930
11/27/2023	129	0.86	11	1.5	22	860
3/5/2024	57.5	0.50	5.6	0.76	12	260
6/13/2024	88.7	0.67	8.0	1.10	18	490
9/18/2024	66.0	10	62	5.0	69	270
11/26/2024	4.1	0.10	0.11	0.10	0.38	9.9
2/10/2025	42.5	0.50	2.4	0.50	3.8	120
5/27/2025	70.8	0.58	5.8	1.2	14	690
8/13/2025	72.5	0.62	6.6	1.4	16	590
11/13/2025	61.7	0.66	7.5	0.9	12	430
Average	159	23	169	21	203	10,092

Vapor Extraction Summary								
Date	Flow Rate (cfm)	Total System Flow (cf)	Delta Flow (cf)	Benzene (lb/hr)	Toluene (lb/hr)	Ethylbenzene (lb/hr)	Total Xylenes (lb/hr)	TVPH (lb/hr)
2/1/2021	22	1,980	1,980	0.0070	0.020	0.00082	0.0053	1.5
9/7/2021	22	2,841,168	2,839,188	0.0051	0.021	0.0014	0.013	1.4
9/29/2021	10	2,979,528	138,360	0.0047	0.039	0.0049	0.046	1.9
12/2/2021	3.5	3,106,158	126,630	0.00169	0.0139	0.00178	0.0164	0.88
3/15/2022	8.0	3,519,486	413,328	0.00129	0.0112	0.00142	0.0145	1.02
6/16/2022	14	4,412,322	892,836	0.00103	0.0116	0.00169	0.0177	0.49
9/9/2022 (1)	12	5,218,146	805,824	0.00024	0.0030	0.00046	0.0053	0.15
12/10/2022 (2)	46	10,939,074	5,720,928	0.00104	0.0126	0.00206	0.0240	0.69
3/9/2023	31	14,846,376	3,907,302	0.00020	0.0026	0.00052	0.0063	0.21
6/22/2023 (3)	36	20,301,024	5,454,648	0.00015	0.0024	0.00043	0.0057	0.16
8/23/2023 (4)	38	23,648,084	3,347,060	0.00015	0.0020	0.00031	0.0044	0.13
11/27/2023	50	30,561,884	6,913,800	0.00017	0.0022	0.00033	0.0048	0.17
3/5/2024	35	35,557,364	4,995,480	0.00009	0.0011	0.00015	0.0022	0.07
6/13/2024	38	41,019,788	5,462,424	0.00008	0.0010	0.00013	0.0021	0.05
9/18/2024	40	46,603,628	5,583,840	0.00080	0.0052	0.00046	0.0065	0.06
11/26/2024	20	48,586,988	1,983,360	0.00038	0.0023	0.00019	0.0026	0.01
2/10/2025	10	49,653,068	1,066,080	0.00001	0.0000	0.00001	0.0001	0.00
5/27/2025	10	51,205,688	1,552,620	0.00002	0.0002	0.00003	0.0003	0.02
8/13/2025	20	53,449,568	2,243,880	0.00004	0.0005	0.00010	0.0011	0.05
11/13/2025	52	59,295,200	5,845,632	0.00012	0.0014	0.00022	0.0027	0.10
Average				0.0012	0.008	0.0009	0.009	0.45

Mass Recovery								
Date	Total SVE System Hours	Delta Hours	Benzene (pounds)	Toluene (pounds)	Ethylbenzene (pounds)	Total Xylenes (pounds)	TVPH (pounds)	TVPH (tons)
2/1/2021	1.5	1.5	0.010	0.030	0.0012	0.0079	2.2	0.0011
9/7/2021	2,152	2,151	11	46	3.0	27	2,920	1.5
9/29/2021	2,383	231	1.1	9.0	1.1	11	431	0.22
12/2/2021	2,986	603	1.0	8.4	1.1	9.9	533	0.27
3/15/2022	3,847	861	1.1	9.7	1.2	12	876	0.44
6/16/2022	4,910	1,063	1.1	12.3	1.8	19	522	0.26
9/9/2022 (1)	6,029	1,119	0.3	3.3	0.5	6.0	167	0.08
12/10/2022 (2)	8,102	2,073	2.2	26	4.3	50	1,426	0.71
3/9/2023	10,203	2,101	0.43	5.5	1.1	13	438	0.22
6/22/2023	12,728	2,525	0.37	6.0	1.1	14	415	0.21
8/23/2023	14,209	1,481	0.23	2.9	0.46	6.6	195	0.10
11/27/2023	16,514	2,305	0.40	5.0	0.75	11	386	0.19
3/5/2024	18,892	2,379	0.21	2.6	0.35	5.3	174	0.087
6/13/2024	21,288	2,396	0.20	2.3	0.32	5.1	128	0.064
9/18/2024	23,615	2,327	1.9	12	1.1	15	132	0.066
11/26/2024	25,268	1,653	0.6	3.8	0.3	4.3	17	0.009
2/10/2025	27,044	1,777	0.0	0.1	0.0	0.1	4	0.002
5/27/2025	29,632	2,588	0.1	0.4	0.1	0.9	39	0.020
8/13/2025	31,502	1,870	0.1	0.9	0.2	2.1	90	0.045
11/13/2025	33,376	1,874	0.2	2.6	0.4	5.1	186	0.093
Total Mass Recovery to Date			23	159	19	218	9,082	4.5

Notes:
 (1): SVE system hours and flow rates were collected during operation and maintenance visit on 9/9/2022
 (2): PID measurement, SVE system hours, and flow rates were collected during operation and maintenance visit on 12/10/2022
 (3): SVE system rotameter was malfunctioning during site visit on 6/22/2023. Flow rate was estimated based on the average flow recorded during site visits between 4/13/2023 and 6/7/2023.
 (4): SVE system rotameter was oscillating during third quarter 2023 site visits. Flow rate was estimated based on average historical flow for the current system

cf: cubic feet
 cfm: cubic feet per minute
 µg/L: micrograms per liter
 lb/hr: pounds per hour
 -: not sampled
 PID: photoionization detector
 ppm: parts per million
 TVPH: total volatile petroleum hydrocarbons
 gray: laboratory reporting limit used for calculating emissions



APPENDIX A

Field Notes

SCOTT 4M SVE SYSTEM BIWEEKLY O&M FORM

DATE: 10-6
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

SVE SYSTEM - MONTHLY O&M

SVE ALARMS: _____ KO TANK HIGH LEVEL _____

SVE SYSTEM	READING	TIME
Blower Hours (take photo)	19338.1	1329
Post K/O Vacuum (IWC)		
Inlet Rotameter Flow (scfm)	52	
Inlet PID	53.9	
Exhaust PID	109.5	
Solar Panel Angle		
K/O Tank Drum Level		
K/O Liquid Drained (gallons)		

SVE SYSTEM - QUARTERLY SAMPLING

SAMPLE ID: _____ SAMPLE TIME: _____
Analytes: TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2)

OPERATING WELLS

Change in Well Operation: _____

LOCATION	VACUUM (IWC)	PID HEADSPACE (PPM)	FLOW (CFM)	ADJUSTMENTS
SVE01	81.3	123.2		
SVE02				
SVE03	96.5	30.3		
SVE04	87.2	19.9		
SVE05				
SVE06 (OBSERVATION WELL)				
SVE07 (OBSERVATION WELL)				

COMMENTS/OTHER MAINTENANCE: _____

SCOTT 4M SVE SYSTEM BIWEEKLY O&M FORM

DATE: 10-24
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

SVE SYSTEM - MONTHLY O&M

SVE ALARMS: _____ KO TANK HIGH LEVEL

SVE SYSTEM	READING	TIME
Blower Hours (take photo)	19768.9	1540
Post K/O Vacuum (IWC)		
Inlet Rotameter Flow (scfm)	50	
Inlet PID	48.2	
Exhaust PID	75.9	
Solar Panel Angle		
K/O Tank Drum Level		
K/O Liquid Drained (gallons)		

SVE SYSTEM - QUARTERLY SAMPLING

SAMPLE ID: _____ SAMPLE TIME: _____
Analytes: TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2)

OPERATING WELLS

Change in Well Operation: _____

LOCATION	VACUUM (IWC)	PID HEADSPACE (PPM)	FLOW (CFM)	ADJUSTMENTS
SVE01	80.5	109.7		
SVE02				
SVE03	47.3	26.5		
SVE04	88.2	18.3		
SVE05				
SVE06 (OBSERVATION WELL)				
SVE07 (OBSERVATION WELL)				

COMMENTS/OTHER MAINTENANCE:

**SCOTT 4M SVE SYSTEM
BIWEEKLY O&M FORM**

DATE: 11-13
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

SVE SYSTEM - MONTHLY O&M

SVE ALARMS: _____ KO TANK HIGH LEVEL

SVE SYSTEM	READING	TIME
Blower Hours (take photo)	20251.2	1614
Post K/O Vacuum (IWC)		
Inlet Rotameter Flow (scfm)	52	
Inlet PID	61.7	
Exhaust PID	82.3	
Solar Panel Angle		
K/O Tank Drum Level		
K/O Liquid Drained (gallons)		

SVE SYSTEM - QUARTERLY SAMPLING

SAMPLE ID: _____ SAMPLE TIME: _____
Analytes: TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2)

OPERATING WELLS

Change in Well Operation: _____

LOCATION	VACUUM (IWC)	PID HEADSPACE (PPM)	FLOW (CFM)	ADJUSTMENTS
SVE01	66.0	88.6		
SVE02				
SVE03	78.1	71.4		
SVE04	51.1	32.3		
SVE05				
SVE06 (OBSERVATION WELL)	 	 	 	
SVE07 (OBSERVATION WELL)	 	 	 	

COMMENTS/OTHER MAINTENANCE:

**SCOTT 4M SVE SYSTEM
BIWEEKLY O&M FORM**

DATE: 11-19
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

SVE SYSTEM - MONTHLY O&M

SVE ALARMS: KO TANK HIGH LEVEL

SVE SYSTEM	READING	TIME
Blower Hours (take photo)	20393.0	1350
Post K/O Vacuum (IWC)		
Inlet Rotameter Flow (scfm)	56	
Inlet PID	55.3	
Exhaust PID	74.8	
Solar Panel Angle		
K/O Tank Drum Level		
K/O Liquid Drained (gallons)		

SVE SYSTEM - QUARTERLY SAMPLING

SAMPLE ID:	SAMPLE TIME:
Analytes: TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2)	
OPERATING WELLS	

Change in Well Operation:

LOCATION	VACUUM (IWC)	PID HEADSPACE (PPM)	FLOW (CFM)	ADJUSTMENTS
SVE01	69.4	105.7		
SVE02				
SVE03	52.7	45.3		
SVE04	84.6	38.6		
SVE05				
SVE06 (OBSERVATION WELL)				
SVE07 (OBSERVATION WELL)				

COMMENTS/OTHER MAINTENANCE:

**SCOTT 4M SVE SYSTEM
BIWEEKLY O&M FORM**

DATE: 12-13
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

SVE SYSTEM - MONTHLY O&M

SVE ALARMS: _____ KO TANK HIGH LEVEL _____

SVE SYSTEM	READING	TIME
Blower Hours (take photo)	20968.4	1227
Post K/O Vacuum (IWC)		
Inlet Rotameter Flow (scfm)	84	
Inlet PID	52.9	
Exhaust PID	26.1	
Solar Panel Angle		
K/O Tank Drum Level		
K/O Liquid Drained (gallons)		

SVE SYSTEM - QUARTERLY SAMPLING

SAMPLE ID:	SAMPLE TIME:
Analytes: TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2)	
OPERATING WELLS	

Change in Well Operation: _____

LOCATION	VACUUM (IWC)	PID HEADSPACE (PPM)	FLOW (CFM)	ADJUSTMENTS
SVE01	49.3	78.1		
SVE02				
SVE03	66.5	78.6		
SVE04	37.0	47.7		
SVE05				
SVE06 (OBSERVATION WELL)				
SVE07 (OBSERVATION WELL)				

COMMENTS/OTHER MAINTENANCE:



APPENDIX B

Project Photographs



PROJECT PHOTOGRAPHS
Scott 4M
San Juan County, New Mexico
Hilcorp Energy Company

<p>Photograph 1</p> <p>Runtime meter taken on September 26, 2025 at 2:35 PM Hours = 19,098.9</p>	
<p>Photograph 2</p> <p>Runtime meter taken on December 31, 2025 at 1:42 PM Hours = 21,402.4</p>	



APPENDIX C

Vapor Sample Laboratory Analytical Reports



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Scott 4M

JOB NUMBER

885-37707-1

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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11/24/2025 5:29:29 PM

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

Client: Hilcorp Energy
Project/Site: Scott 4M

Laboratory Job ID: 885-37707-1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	8
QC Association Summary	11
Lab Chronicle	12
Certification Summary	13
Subcontract Data	16
Chain of Custody	23
Receipt Checklists	24

Definitions/Glossary

Client: Hilcorp Energy
Project/Site: Scott 4M

Job ID: 885-37707-1

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

Case Narrative

Client: Hilcorp Energy
Project: Scott 4M

Job ID: 885-37707-1

Job ID: 885-37707-1

Eurofins Albuquerque

Job Narrative 885-37707-1

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 11/15/2025 8:35 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: Scott 4M

Job ID: 885-37707-1

Client Sample ID: SVE-1

Lab Sample ID: 885-37707-1

Date Collected: 11/13/25 16:30

Matrix: Air

Date Received: 11/15/25 08:35

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		0.50	ug/L			11/21/25 16:51	5
1,1,1-Trichloroethane	ND		0.50	ug/L			11/21/25 16:51	5
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			11/21/25 16:51	5
1,1,2-Trichloroethane	ND		0.50	ug/L			11/21/25 16:51	5
1,1-Dichloroethane	ND		0.50	ug/L			11/21/25 16:51	5
1,1-Dichloroethene	ND		0.50	ug/L			11/21/25 16:51	5
1,1-Dichloropropene	ND		0.50	ug/L			11/21/25 16:51	5
1,2,3-Trichlorobenzene	ND		0.50	ug/L			11/21/25 16:51	5
1,2,3-Trichloropropane	ND		1.0	ug/L			11/21/25 16:51	5
1,2,4-Trichlorobenzene	ND		0.50	ug/L			11/21/25 16:51	5
1,2,4-Trimethylbenzene	0.93		0.50	ug/L			11/21/25 16:51	5
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			11/21/25 16:51	5
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			11/21/25 16:51	5
1,2-Dichlorobenzene	ND		0.50	ug/L			11/21/25 16:51	5
1,2-Dichloroethane (EDC)	ND		0.50	ug/L			11/21/25 16:51	5
1,2-Dichloropropane	ND		0.50	ug/L			11/21/25 16:51	5
1,3,5-Trimethylbenzene	1.1		0.50	ug/L			11/21/25 16:51	5
1,3-Dichlorobenzene	ND		0.50	ug/L			11/21/25 16:51	5
1,3-Dichloropropane	ND		0.50	ug/L			11/21/25 16:51	5
1,4-Dichlorobenzene	ND		0.50	ug/L			11/21/25 16:51	5
1-Methylnaphthalene	ND		2.0	ug/L			11/21/25 16:51	5
2,2-Dichloropropane	ND		1.0	ug/L			11/21/25 16:51	5
2-Butanone	ND		5.0	ug/L			11/21/25 16:51	5
2-Chlorotoluene	ND		0.50	ug/L			11/21/25 16:51	5
2-Hexanone	ND		5.0	ug/L			11/21/25 16:51	5
2-Methylnaphthalene	ND		2.0	ug/L			11/21/25 16:51	5
4-Chlorotoluene	ND		0.50	ug/L			11/21/25 16:51	5
4-Isopropyltoluene	ND		0.50	ug/L			11/21/25 16:51	5
4-Methyl-2-pentanone	ND		5.0	ug/L			11/21/25 16:51	5
Acetone	ND		5.0	ug/L			11/21/25 16:51	5
Benzene	0.66		0.50	ug/L			11/21/25 16:51	5
Bromobenzene	ND		0.50	ug/L			11/21/25 16:51	5
Bromodichloromethane	ND		0.50	ug/L			11/21/25 16:51	5
Dibromochloromethane	ND		0.50	ug/L			11/21/25 16:51	5
Bromoform	ND		0.50	ug/L			11/21/25 16:51	5
Bromomethane	ND		1.5	ug/L			11/21/25 16:51	5
Carbon disulfide	ND		5.0	ug/L			11/21/25 16:51	5
Carbon tetrachloride	ND		0.50	ug/L			11/21/25 16:51	5
Chlorobenzene	ND		0.50	ug/L			11/21/25 16:51	5
Chloroethane	ND		1.0	ug/L			11/21/25 16:51	5
Chloroform	ND		0.50	ug/L			11/21/25 16:51	5
Chloromethane	ND		1.5	ug/L			11/21/25 16:51	5
cis-1,2-Dichloroethene	ND		0.50	ug/L			11/21/25 16:51	5
cis-1,3-Dichloropropene	ND		0.50	ug/L			11/21/25 16:51	5
Dibromomethane	ND		0.50	ug/L			11/21/25 16:51	5
Dichlorodifluoromethane	ND		0.50	ug/L			11/21/25 16:51	5
Ethylbenzene	0.87		0.50	ug/L			11/21/25 16:51	5
Hexachlorobutadiene	ND		0.50	ug/L			11/21/25 16:51	5

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Scott 4M

Job ID: 885-37707-1

Client Sample ID: SVE-1

Lab Sample ID: 885-37707-1

Date Collected: 11/13/25 16:30

Matrix: Air

Date Received: 11/15/25 08:35

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	ND		0.50	ug/L			11/21/25 16:51	5
Methyl-tert-butyl Ether (MTBE)	ND		0.50	ug/L			11/21/25 16:51	5
Methylene Chloride	ND		1.3	ug/L			11/21/25 16:51	5
n-Butylbenzene	ND		1.5	ug/L			11/21/25 16:51	5
N-Propylbenzene	ND		0.50	ug/L			11/21/25 16:51	5
Naphthalene	ND		1.0	ug/L			11/21/25 16:51	5
sec-Butylbenzene	ND		0.50	ug/L			11/21/25 16:51	5
Styrene	ND		0.50	ug/L			11/21/25 16:51	5
tert-Butylbenzene	ND		0.50	ug/L			11/21/25 16:51	5
Tetrachloroethene (PCE)	ND		0.50	ug/L			11/21/25 16:51	5
Toluene	7.5		0.50	ug/L			11/21/25 16:51	5
trans-1,2-Dichloroethene	ND		0.50	ug/L			11/21/25 16:51	5
trans-1,3-Dichloropropene	ND		0.50	ug/L			11/21/25 16:51	5
Trichloroethene (TCE)	ND		0.50	ug/L			11/21/25 16:51	5
Trichlorofluoromethane	ND		0.50	ug/L			11/21/25 16:51	5
Vinyl chloride	ND		0.50	ug/L			11/21/25 16:51	5
Xylenes, Total	12		0.75	ug/L			11/21/25 16:51	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 130		11/21/25 16:51	5
Toluene-d8 (Surr)	111		70 - 130		11/21/25 16:51	5
4-Bromofluorobenzene (Surr)	104		70 - 130		11/21/25 16:51	5
Dibromofluoromethane (Surr)	96		70 - 130		11/21/25 16:51	5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	430		25	ug/L			11/18/25 12:58	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132		15 - 150		11/18/25 12:58	5

QC Sample Results

Client: Hilcorp Energy
Project/Site: Scott 4M

Job ID: 885-37707-1

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

Lab Sample ID: MB 885-38879/5

Matrix: Air

Analysis Batch: 38879

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			11/21/25 13:33	1
1,1,1-Trichloroethane	ND		0.10	ug/L			11/21/25 13:33	1
1,1,2,2-Tetrachloroethane	ND		0.20	ug/L			11/21/25 13:33	1
1,1,2-Trichloroethane	ND		0.10	ug/L			11/21/25 13:33	1
1,1-Dichloroethane	ND		0.10	ug/L			11/21/25 13:33	1
1,1-Dichloroethene	ND		0.10	ug/L			11/21/25 13:33	1
1,1-Dichloropropene	ND		0.10	ug/L			11/21/25 13:33	1
1,2,3-Trichlorobenzene	ND		0.10	ug/L			11/21/25 13:33	1
1,2,3-Trichloropropane	ND		0.20	ug/L			11/21/25 13:33	1
1,2,4-Trichlorobenzene	ND		0.10	ug/L			11/21/25 13:33	1
1,2,4-Trimethylbenzene	ND		0.10	ug/L			11/21/25 13:33	1
1,2-Dibromo-3-Chloropropane	ND		0.20	ug/L			11/21/25 13:33	1
1,2-Dibromoethane (EDB)	ND		0.10	ug/L			11/21/25 13:33	1
1,2-Dichlorobenzene	ND		0.10	ug/L			11/21/25 13:33	1
1,2-Dichloroethane (EDC)	ND		0.10	ug/L			11/21/25 13:33	1
1,2-Dichloropropane	ND		0.10	ug/L			11/21/25 13:33	1
1,3,5-Trimethylbenzene	ND		0.10	ug/L			11/21/25 13:33	1
1,3-Dichlorobenzene	ND		0.10	ug/L			11/21/25 13:33	1
1,3-Dichloropropane	ND		0.10	ug/L			11/21/25 13:33	1
1,4-Dichlorobenzene	ND		0.10	ug/L			11/21/25 13:33	1
1-Methylnaphthalene	ND		0.40	ug/L			11/21/25 13:33	1
2,2-Dichloropropane	ND		0.20	ug/L			11/21/25 13:33	1
2-Butanone	ND		1.0	ug/L			11/21/25 13:33	1
2-Chlorotoluene	ND		0.10	ug/L			11/21/25 13:33	1
2-Hexanone	ND		1.0	ug/L			11/21/25 13:33	1
2-Methylnaphthalene	ND		0.40	ug/L			11/21/25 13:33	1
4-Chlorotoluene	ND		0.10	ug/L			11/21/25 13:33	1
4-Isopropyltoluene	ND		0.10	ug/L			11/21/25 13:33	1
4-Methyl-2-pentanone	ND		1.0	ug/L			11/21/25 13:33	1
Acetone	ND		1.0	ug/L			11/21/25 13:33	1
Benzene	ND		0.10	ug/L			11/21/25 13:33	1
Bromobenzene	ND		0.10	ug/L			11/21/25 13:33	1
Bromodichloromethane	ND		0.10	ug/L			11/21/25 13:33	1
Dibromochloromethane	ND		0.10	ug/L			11/21/25 13:33	1
Bromoform	ND		0.10	ug/L			11/21/25 13:33	1
Bromomethane	ND		0.30	ug/L			11/21/25 13:33	1
Carbon disulfide	ND		1.0	ug/L			11/21/25 13:33	1
Carbon tetrachloride	ND		0.10	ug/L			11/21/25 13:33	1
Chlorobenzene	ND		0.10	ug/L			11/21/25 13:33	1
Chloroethane	ND		0.20	ug/L			11/21/25 13:33	1
Chloroform	ND		0.10	ug/L			11/21/25 13:33	1
Chloromethane	ND		0.30	ug/L			11/21/25 13:33	1
cis-1,2-Dichloroethene	ND		0.10	ug/L			11/21/25 13:33	1
cis-1,3-Dichloropropene	ND		0.10	ug/L			11/21/25 13:33	1
Dibromomethane	ND		0.10	ug/L			11/21/25 13:33	1
Dichlorodifluoromethane	ND		0.10	ug/L			11/21/25 13:33	1
Ethylbenzene	ND		0.10	ug/L			11/21/25 13:33	1
Hexachlorobutadiene	ND		0.10	ug/L			11/21/25 13:33	1

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: Scott 4M

Job ID: 885-37707-1

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

Lab Sample ID: MB 885-38879/5

Client Sample ID: Method Blank

Matrix: Air

Prep Type: Total/NA

Analysis Batch: 38879

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Isopropylbenzene	ND		0.10	ug/L			11/21/25 13:33	1
Methyl-tert-butyl Ether (MTBE)	ND		0.10	ug/L			11/21/25 13:33	1
Methylene Chloride	ND		0.25	ug/L			11/21/25 13:33	1
n-Butylbenzene	ND		0.30	ug/L			11/21/25 13:33	1
N-Propylbenzene	ND		0.10	ug/L			11/21/25 13:33	1
Naphthalene	ND		0.20	ug/L			11/21/25 13:33	1
sec-Butylbenzene	ND		0.10	ug/L			11/21/25 13:33	1
Styrene	ND		0.10	ug/L			11/21/25 13:33	1
tert-Butylbenzene	ND		0.10	ug/L			11/21/25 13:33	1
Tetrachloroethene (PCE)	ND		0.10	ug/L			11/21/25 13:33	1
Toluene	ND		0.10	ug/L			11/21/25 13:33	1
trans-1,2-Dichloroethene	ND		0.10	ug/L			11/21/25 13:33	1
trans-1,3-Dichloropropene	ND		0.10	ug/L			11/21/25 13:33	1
Trichloroethene (TCE)	ND		0.10	ug/L			11/21/25 13:33	1
Trichlorofluoromethane	ND		0.10	ug/L			11/21/25 13:33	1
Vinyl chloride	ND		0.10	ug/L			11/21/25 13:33	1
Xylenes, Total	ND		0.15	ug/L			11/21/25 13:33	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		70 - 130		11/21/25 13:33	1
Toluene-d8 (Surr)	98		70 - 130		11/21/25 13:33	1
4-Bromofluorobenzene (Surr)	104		70 - 130		11/21/25 13:33	1
Dibromofluoromethane (Surr)	99		70 - 130		11/21/25 13:33	1

Lab Sample ID: LCS 885-38879/4

Client Sample ID: Lab Control Sample

Matrix: Air

Prep Type: Total/NA

Analysis Batch: 38879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2.00	2.05		ug/L		102	70 - 130
Chlorobenzene	2.00	2.12		ug/L		106	70 - 130
Toluene	2.00	2.04		ug/L		102	70 - 130
Trichloroethene (TCE)	2.00	1.89		ug/L		95	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
 Project/Site: Scott 4M

Job ID: 885-37707-1

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

Lab Sample ID: MB 885-38639/4
Matrix: Air
Analysis Batch: 38639

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			11/18/25 11:53	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		15 - 150				11/18/25 11:53	1

Lab Sample ID: LCS 885-38639/3
Matrix: Air
Analysis Batch: 38639

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	51.5		ug/L		103	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	213		15 - 150				

QC Association Summary

Client: Hilcorp Energy
Project/Site: Scott 4M

Job ID: 885-37707-1

GC/MS VOA

Analysis Batch: 38879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37707-1	SVE-1	Total/NA	Air	8260B	
MB 885-38879/5	Method Blank	Total/NA	Air	8260B	
LCS 885-38879/4	Lab Control Sample	Total/NA	Air	8260B	

GC VOA

Analysis Batch: 38639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37707-1	SVE-1	Total/NA	Air	8015D	
MB 885-38639/4	Method Blank	Total/NA	Air	8015D	
LCS 885-38639/3	Lab Control Sample	Total/NA	Air	8015D	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Scott 4M

Job ID: 885-37707-1

Client Sample ID: SVE-1

Lab Sample ID: 885-37707-1

Date Collected: 11/13/25 16:30

Matrix: Air

Date Received: 11/15/25 08:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		5	38879	CM	EET ALB	11/21/25 16:51
Total/NA	Analysis	8015D		5	38639	AT	EET ALB	11/18/25 12:58

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



Accreditation/Certification Summary

Client: Hilcorp Energy
 Project/Site: Scott 4M

Job ID: 885-37707-1

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

Accreditation/Certification Summary

Client: Hilcorp Energy
 Project/Site: Scott 4M

Job ID: 885-37707-1

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: Scott 4M

Job ID: 885-37707-1

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



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ANALYTICAL SUMMARY REPORT

November 21, 2025

Eurofins TestAmerica - Albuquerque
4901 Hawkins St NE Ste D
Albuquerque, NM 87109-4372

Work Order: B25111405 Quote ID: B15626

Project Name: Scott 4M 88501698

Energy Laboratories Inc Billings MT received the following 1 sample for Eurofins TestAmerica - Albuquerque on 11/18/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25111405-001	SVE-1 (885-37707-1)	11/13/25 16:30	11/18/25	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: Scott 4M 88501698
Lab ID: B25111405-001
Client Sample ID: SVE-1 (885-37707-1)

Report Date: 11/21/25
Collection Date: 11/13/25 16:30
DateReceived: 11/18/25
Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
GAS CHROMATOGRAPHY ANALYSIS REPORT							
Oxygen	21.83	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
Nitrogen	77.80	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
Carbon Dioxide	0.18	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
Hydrogen Sulfide	<0.01	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
Methane	0.16	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
Ethane	0.01	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
Propane	0.01	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
Isobutane	<0.01	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
n-Butane	<0.01	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
Isopentane	<0.01	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
n-Pentane	<0.01	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
Hexanes plus	0.01	Mol %		0.01		GPA 2261-13	11/19/25 12:38 / aln
Propane	0.003	gpm		0.001		GPA 2261-13	11/19/25 12:38 / aln
Isobutane	< 0.001	gpm		0.001		GPA 2261-13	11/19/25 12:38 / aln
n-Butane	< 0.001	gpm		0.001		GPA 2261-13	11/19/25 12:38 / aln
Isopentane	< 0.001	gpm		0.001		GPA 2261-13	11/19/25 12:38 / aln
n-Pentane	< 0.001	gpm		0.001		GPA 2261-13	11/19/25 12:38 / aln
Hexanes plus	0.004	gpm		0.001		GPA 2261-13	11/19/25 12:38 / aln
GPM Total	0.007	gpm		0.001		GPA 2261-13	11/19/25 12:38 / aln
GPM Pentanes plus	0.004	gpm		0.001		GPA 2261-13	11/19/25 12:38 / aln

CALCULATED PROPERTIES

Gross BTU per cu ft @ Std Cond. (HHV)	3			1		GPA 2261-13	11/19/25 12:38 / aln
Net BTU per cu ft @ std cond. (LHV)	2			1		GPA 2261-13	11/19/25 12:38 / aln
Pseudo-critical Pressure, psia	546			1		GPA 2261-13	11/19/25 12:38 / aln
Pseudo-critical Temperature, deg R	240			1		GPA 2261-13	11/19/25 12:38 / aln
Specific Gravity @ 60/60F	0.998			0.001		D3588-17	11/19/25 12:38 / aln
Air, %	99.74			0.01		GPA 2261-13	11/19/25 12:38 / aln

- The analysis was not corrected for air.

COMMENTS

- 11/19/25 12:38 / aln

- 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 RL - Analyte Reporting Limit
Definitions: 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: B25111405

Report Date: 11/21/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: GPA 2261-13								Batch: R454039		
Lab ID: B25111409-001ADUP	12 Sample Duplicate				Run: GC7890_251119A			11/19/25 15:05		
Oxygen		21.6	Mol %	0.01				0.9	20	
Nitrogen		78.1	Mol %	0.01				0.3	20	
Carbon Dioxide		0.25	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: LCS111925								11/19/25 17:43		
11 Laboratory Control Sample				Run: GC7890_251119A						
Oxygen		0.58	Mol %	0.01	118	70	130			
Nitrogen		6.01	Mol %	0.01	102	70	130			
Carbon Dioxide		0.99	Mol %	0.01	99	70	130			
Methane		76.3	Mol %	0.01	100	70	130			
Ethane		6.12	Mol %	0.01	101	70	130			
Propane		5.07	Mol %	0.01	102	70	130			
Isobutane		1.69	Mol %	0.01	85	70	130			
n-Butane		2.02	Mol %	0.01	101	70	130			
Isopentane		0.50	Mol %	0.01	100	70	130			
n-Pentane		0.51	Mol %	0.01	102	70	130			
Hexanes plus		0.20	Mol %	0.01	97	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



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Work Order Receipt Checklist

Euofins TestAmerica - Albuquerque

B25111405

Login completed by: Danielle N. Lindberg

Date Received: 11/18/2025

Reviewed by: gmccartney

Received by: LSC

Reviewed Date: 11/19/2025

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: 13.7°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:

None





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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

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

Chain of Custody Record



eurofins | Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Garcia, Michelle	Carrier Tracking No(s): N/A	COC No: 885-7446.1
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: michelle.garcia@et.eurofins.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Energy Laboratories, Inc.		Accreditations Required (See note): NELAP - Oregon, State - New Mexico		Job #: 885-37707-1	Preservation Codes:
Address: 1120 South 27th Street,		Date Date Requested: 11/24/2025		Analysis Requested	
City: Billings		TAT Requested (days): N/A		Total Number of Containers	
State, Zip: MT, 59101		PO #: N/A		SUB - Subcontract - Fixed Gases	
Phone: 406-252-6325(Tel)		WO #: N/A		Perform MS/MSD (Yes or No)	
Email: N/A		Project #: 88501698		Field Filtered Sample (Yes or No)	
Project Name: Scott 4M		SSOW#: N/A		Matrix (W=water, S=solid, O=wastefluid, BT=issue, A=Air)	
Site: N/A		Sample Date: 11/13/25		Sample Type (C=Comp, G=grab) Preservation Code: G	
Sample Identification - Client ID (Lab ID)		Sample Time: 16:30 Mountain		Special Instructions/Note: See Attached Instructions	
SVE-1 (885-37707-1)		Date: 11/17/25		Other: N/A	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.		Date: 11/17/25		B2511405	
Possible Hazard Identification		Date: 11/17/25		1	
Unconfirmed		Date: 11/17/25		1	
Deliverable Requested: I, II, III, IV, Other (specify)		Date: 11/17/25		1	
Primary Deliverable Rank: 2		Date: 11/17/25		1	
Empty Kit Relinquished by:		Date: 11/17/25		1	
Relinquished by: <i>[Signature]</i>		Date: 11/17/25		1	
Relinquished by:		Date: 11/17/25		1	
Relinquished by:		Date: 11/17/25		1	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Date: 11/17/25		1	
Custody Seal No.:		Date: 11/17/25		1	
Cooler Temperature(s) °C and Other Remarks:		Date: 11/17/25		1	
Received by: <i>[Signature]</i>		Date: 11/17/25		1	
Received by: <i>[Signature]</i>		Date: 11/17/25		1	
Received by: <i>[Signature]</i>		Date: 11/17/25		1	
Cooler Temperature(s) °C and Other Remarks:		Date: 11/17/25		1	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Date: 11/17/25		1	
Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/>		Date: 11/17/25		1	
Special Instructions/QC Requirements:		Date: 11/17/25		1	
Method of Shipment:		Date: 11/17/25		1	
Received by: <i>[Signature]</i>		Date: 11/17/25		1	
Received by: <i>[Signature]</i>		Date: 11/17/25		1	
Received by: <i>[Signature]</i>		Date: 11/17/25		1	
Cooler Temperature(s) °C and Other Remarks:		Date: 11/17/25		1	

Ver: 10/10/2024

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ICOC No:
885-7446

Containers

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

Subcontract Method Instructions

<u>Sample IDs</u>	<u>Method</u>	<u>Method Description</u>	<u>Method Comments</u>
1	SUBCONTRACT	SUB - Subcontract - Fixed Gases	Fixed Gases

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Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-37707-1

Login Number: 37707

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	True	
Cooler Temperature is acceptable.	N/A	
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 <6mm (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 542740

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542740
	Action Type: [REPORT] Alternative Remediation Report (C-141AR)

CONDITIONS

Created By	Condition	Condition Date
nvez	1. Continue with recommendations presented within this report. 2. Submit next quarterly report by April 15, 2026.	1/26/2026