



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**

L C Kelly 1E  
San Juan County, New Mexico  
Hilcorp Energy Company  
NMOCD Incident Number: nAPP2308124076

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 L C Kelly 1E natural gas production well (Site). The Site is located on land managed by the Bureau of Land Management (BLM) in Unit C, Section 5, Township 30 North, Range 12 West in San Juan County, New Mexico (Figure 1). The SVE system was put into operation on January 6, 2025, to remediate historical subsurface soil impacts discovered at the Site. This report summarizes Site activities performed in October, November, and December of 2025.

## **SVE SYSTEM SPECIFICATIONS**

The SVE system at the Site consists of a 3-phase, 6 horsepower Roots 42 URAI positive displacement blower capable of producing approximately 140 inlet cubic feet per minute (icfm) flow at 100 inches of water column (IWC) vacuum at Site elevation. The system is powered by a generator capable of operating 24 hours per day. Additionally, a backup generator has been placed at the Site to minimize system downtime if there are operational/maintenance issues with the primary generator. Eleven SVE wells, SVE01 through SVE11, are currently in operation and are shown on Figure 2. The *Updated Site Investigation Report and Remediation Work Plan*, dated June 5, 2024, proposed extraction on SVE wells SVE01, SVE02, and SVE04 through SVE11; however, upon further evaluation, SVE03 was added to the system layout and plumbed to the manifold. The manifold was constructed in such a manner as to allow the wells to be cycled, if necessary.

## **FOURTH QUARTER 2025 ACTIVITIES**

The SVE system began operation on January 6, 2025. Based on the New Mexico Oil Conservation Division (NMOCD) Conditions of Approval (COAs), dated March 15, 2024, operations and maintenance (O&M) visits and/or field data measurements were collected from the system twice per month throughout the fourth quarter of 2025. Field measurements included the following parameters: total system flow, estimated flow rates from each SVE well, photoionization detector (PID) measurements of volatile organic compounds (VOCs) from each

SVE well, vacuum measurements from each SVE well, and oxygen/carbon dioxide measurements via hand-held analyzers from each SVE well. During several O&M visits conducted during the fourth quarter of 2025, the exhaust from the generator created a hazardous environment caused by elevated carbon monoxide in the locations of the SVE system instrumentation and much of the aforementioned data could not be safely collected, despite the generator exhaust being rerouted on September 1, 2025. Adjustments continue to be made to the exhaust in order to safely collect field readings during each O&M visit. Field notes taken during the fourth quarter of 2025 O&M visits are presented in Appendix A.

Since startup, all Site SVE wells were operated in order to induce flow in impacted soil zones. Between September 27 and December 27, 2025, the SVE system operated for 2,035.1 hours for a runtime efficiency of 93.2 percent (%). Appendix B presents photographs of the runtime meter for calculating the fourth quarter 2025 runtime efficiency. Table 1 presents the SVE system operational hours and calculated percent runtime.

Based on the March 15, 2024, COAs, vapor samples were collected bi-monthly (every other month) during the first year of operation. A vapor sample was collected on November 25, 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 PID for organic vapor monitoring (OVM). The vapor sample was collected directly into two 1-Liter Tedlar® bags and submitted to Eurofins Environment Testing (Eurofins) 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, VOCs following EPA Method 8260B, and fixed gas analysis of oxygen and carbon dioxide following Gas Processors Association (GPA) Method 2261. Tables 2 and 3 present a summary of field measurements and analytical data, respectively, collected since system startup in January of 2025. The full laboratory analytical report is attached as Appendix C. Graphs 1 and 2 present oxygen and carbon dioxide levels over time, respectively. Vapor sampling will continue on a quarterly basis in 2026, following the first year of system operation.

Vapor sample data and measured stack flow rates are used to estimate total mass recovered and total emissions generated by the SVE system (Table 4). Based on these estimates, 8,285 pounds (4.1 tons) of TVPH have been removed by the system to date. Vapor sampling will continue bi-monthly (every other month) for the first year of operation.

## DISCUSSION AND RECOMMENDATIONS

O&M visits will be conducted twice per month, and bi-monthly (every other month) sampling events will continue to be performed by Ensolum and/or Hilcorp personnel to verify the SVE system is operating within normal working ranges (i.e., temperature, pressure, and vacuum). Deviations from regular operations will be noted on field logs and included in the following quarterly report.

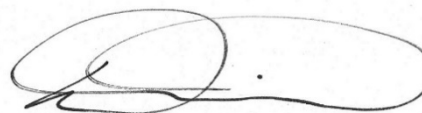
We appreciate the opportunity to provide this report to the NMOCD. If you should have any questions or comments regarding this report, please contact the undersigned.

Sincerely,

**Ensolum, LLC**



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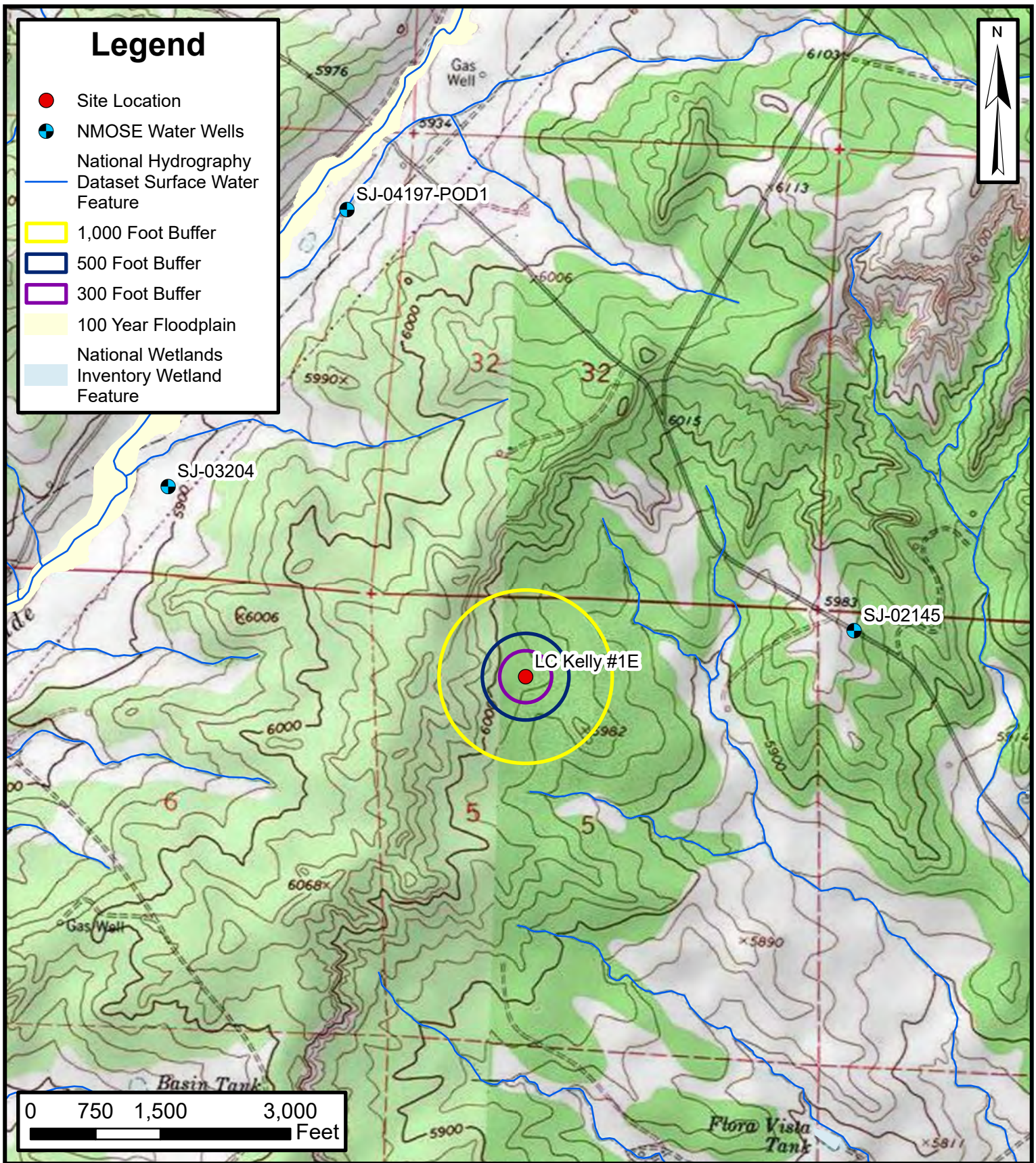
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**Attachments:**

|            |                                                         |
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| Figure 1   | Site Location Map                                       |
| Figure 2   | Radius of Influence and Effect                          |
| Table 1    | Soil Vapor Extraction System Runtime Calculations       |
| Table 2    | Soil Vapor Extraction System Field Measurements         |
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| Graph 1    | Oxygen vs Time                                          |
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| Appendix A | Field Notes                                             |
| Appendix B | Project Photographs                                     |
| Appendix C | Laboratory Analytical Reports                           |



Figures



## Site Location Map

L C Kelly #1E

Hilcorp Energy Company

36.84600, -108.12450

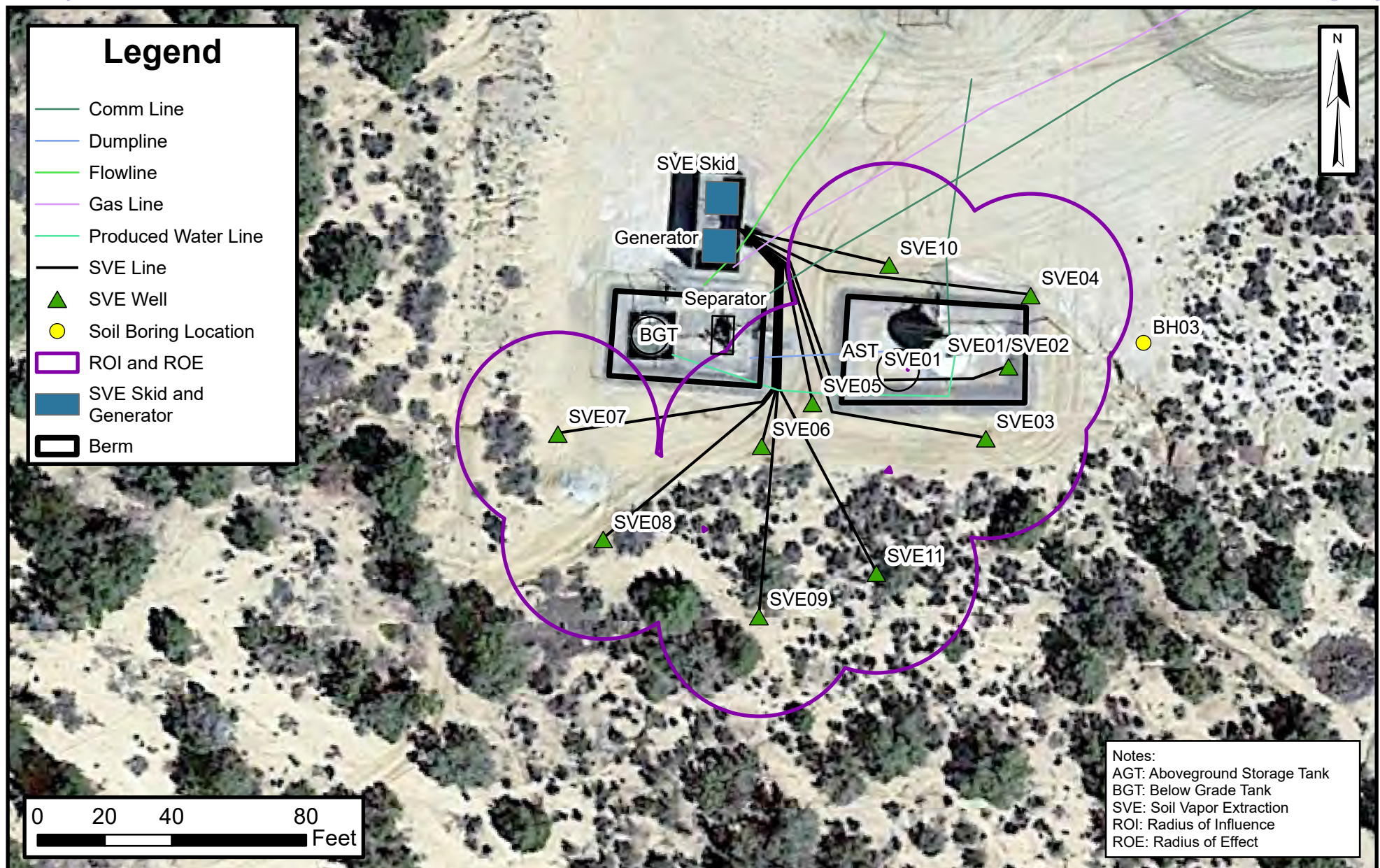
Unit C, Sec 05, T30N, R12W

San Juan County, New Mexico

FIGURE

1





## SVE System Radius of Influence and Radius of Effect

L C Kelly 1E  
 Hilcorp Energy Company  
 36.84600, -108.12450  
 Unit C, Sec 05, T30N, R12W  
 San Juan County, New Mexico

FIGURE  
**2**





Tables & Graphs



**TABLE 1**  
**SOIL VAPOR EXTRACTION SYSTEM RUNTIME CALCULATIONS**  
 L C Kelly 1E  
 Hilcorp Energy Company  
 San Juan County, New Mexico

| Date                  | Total Operational Hours | Delta Hours | Days | Percent Runtime | Cumulative Percent Runtime |
|-----------------------|-------------------------|-------------|------|-----------------|----------------------------|
| 1/6/2025              | 3.7                     | Startup     |      |                 |                            |
| 9/27/2025             | 5,938.7                 | 401.7       | 18   | 93.0%           | 93.7%                      |
| 10/9/2025             | 6,194.1                 | 255.4       | 12   | 88.7%           | 93.5%                      |
| 10/28/2025            | 6,646.2                 | 452.1       | 19   | 99.1%           | 93.8%                      |
| 11/13/2025            | 6,993.2                 | 347.0       | 16   | 90.4%           | 93.6%                      |
| 11/25/2025            | 7,257.0                 | 263.8       | 12   | 91.6%           | 93.6%                      |
| 12/12/2025            | 7,617.4                 | 360.4       | 17   | 88.3%           | 93.3%                      |
| 12/27/2025            | 7,973.8                 | 356.4       | 15   | 99.0%           | 93.5%                      |
| 4th Qtr 2025 Runtime: |                         |             |      |                 | 93.2%                      |



**TABLE 2**  
**SOIL VAPOR EXTRACTION SYSTEM FIELD MEASUREMENTS**  
 L C Kelly 1E  
 Hilcorp Energy Company  
 San Juan County, New Mexico

| SVE Well ID         | Date       | PID (ppm)   | Differential Pressure (IWC) | Flow Rate (acfm) | Flow Rate (scfm) | Vacuum (IWC) | Vacuum (psi) | Oxygen (%) | Carbon Dioxide (%) |
|---------------------|------------|-------------|-----------------------------|------------------|------------------|--------------|--------------|------------|--------------------|
| Influent, All Wells | 1/6/2025   | 1,512       | 0.36                        | 210              | 134              | 76.5         | 2.8          | 8.6        | >5.0               |
|                     | 1/7/2025   | --          | --                          | --               | --               | --           | --           | --         | --                 |
|                     | 1/8/2025   | 692         | 0.32                        | 198              | 127              | 74.8         | 2.7          | 16.9       | 4.16               |
|                     | 1/9/2025   | 338         | 0.36                        | 210              | 137              | 68.0         | 2.5          | 18.7       | >5.0               |
|                     | 1/10/2025  | 633         | 0.35                        | 207              | 135              | 68.0         | 2.5          | 20.1       | >5.0               |
|                     | 1/14/2025  | 293         | 0.40                        | 221              | 145              | 68.0         | 2.5          | 20.7       | 0.78               |
|                     | 1/22/2025  | 199         | 0.46                        | 237              | 161              | 54.4         | 2.0          | 19.9       | >5.0               |
|                     | 1/29/2025  | 654         | 0.40                        | 221              | 150              | 54.4         | 2.0          | 19.3       | >5.0               |
|                     | 2/5/2025   | 439         | 0.34                        | 204              | 133              | 68.0         | 2.5          | 20.8       | >5.0               |
|                     | 2/12/2025  | 313         | 0.36                        | 210              | 143              | 54.4         | 2.0          | 20.9       | 0.54               |
|                     | 2/19/2025  | 102         | 0.35                        | 207              | 135              | 68.0         | 2.5          | 20.9       | 0.69               |
|                     | 2/26/2025  | 368         | 0.32                        | 198              | 137              | 47.6         | 1.7          | 20.7       | 0.98               |
|                     | 3/5/2025   | 583         | 0.35                        | 207              | 143              | 47.6         | 1.7          | 20.9       | 0.27               |
|                     | 3/12/2025  | 420         | 0.38                        | 216              | 147              | 54.4         | 2.0          | 20.9       | 0.27               |
|                     | 3/26/2025  | 508         | 0.35                        | 207              | 141              | 54.4         | 2.0          | 20.9       | 0.43               |
|                     | 4/16/2025  | 587         | 0.22                        | 164              | 107              | 69.4         | 2.5          | --         | --                 |
|                     | 4/25/2025  | 572         | 0.32                        | 198              | 132              | 61.2         | 2.2          | --         | --                 |
|                     | 5/15/2025  | 410         | 0.27                        | 182              | 120              | 64.6         | 2.3          | --         | --                 |
|                     | 5/20/2025  | 387         | 0.30                        | 192              | 127              | 64.6         | 2.3          | --         | --                 |
|                     | 6/17/2025  | 358         | 0.30                        | 192              | 127              | 64.6         | 2.3          | --         | --                 |
|                     | 6/30/2025  | 395         | 0.30                        | 192              | 127              | 64.6         | 2.3          | --         | --                 |
|                     | 7/7/2025   | System Down |                             |                  |                  |              |              |            |                    |
|                     | 7/23/2025  | 328         | 0.31                        | 195              | 127              | 68.0         | 2.5          | --         | --                 |
|                     | 8/18/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|                     | 8/23/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|                     | 9/9/2025   | 360         | 0.29                        | 188              | 123              | 68.0         | 2.5          | --         | --                 |
|                     | 9/27/2025  | System Down |                             |                  |                  |              |              |            |                    |
|                     | 10/9/2025  | 193         | 0.29                        | 188              | 123.1            | 68.0         | 2.5          | --         | --                 |
|                     | 10/28/2025 | 200         | 0.27                        | 182              | 116.4            | 74.8         | 2.7          | --         | --                 |
|                     | 11/13/2025 | System Down |                             |                  |                  |              |              |            |                    |
|                     | 11/25/2025 | 88          | 0.25                        | 175              | 112.0            | 74.8         | 2.7          | --         | --                 |
|                     | 12/12/2025 | 186         | 0.31                        | 195              | 126.0            | 71.4         | 2.6          | --         | --                 |
|                     | 12/27/2025 | 158         | 0.30                        | 192              | 122.7            | 74.8         | 2.7          | --         | --                 |
| SVE01               | 1/6/2025   | 1,216       | --                          | 29               | 19.1             | 66.1         | 2.4          | 3.7        | >5.0               |
|                     | 1/7/2025   | --          | --                          | --               | --               | --           | --           | --         | --                 |
|                     | 1/8/2025   | 816         | --                          | 5                | 3.3              | 69.7         | 2.5          | 12.1       | >5.0               |
|                     | 1/9/2025   | 614         | --                          | 5                | 3.4              | 59.6         | 2.2          | 14.6       | >5.0               |
|                     | 1/10/2025  | 706         | --                          | 5                | 3.3              | 62.6         | 2.3          | 16.3       | >5.0               |
|                     | 1/14/2025  | 663         | --                          | 5                | 3.4              | 59.6         | 2.2          | 16.5       | >5.0               |
|                     | 1/22/2025  | 586         | --                          | 6                | 4.2              | 40.2         | 1.5          | 19.1       | >5.0               |
|                     | 1/29/2025  | 812         | --                          | 7                | 4.8              | 50.5         | 1.8          | 20.9       | 0.61               |
|                     | 2/5/2025   | 1,056       | --                          | 5                | 3.4              | 52.3         | 1.9          | 18.0       | >5.0               |
|                     | 2/12/2025  | 574         | --                          | 8                | 5.5              | 48.6         | 1.8          | 18.4       | >5.0               |
|                     | 2/19/2025  | 470         | --                          | 7                | 4.7              | 60.1         | 2.2          | 20.3       | 0.95               |
|                     | 2/26/2025  | 475         | --                          | 8                | 5.5              | 51.2         | 1.8          | 20.5       | >5.0               |
|                     | 3/5/2025   | 678         | --                          | 10               | 6.9              | 48.1         | 1.7          | 20.9       | 0.13               |
|                     | 3/12/2025  | 387         | --                          | 10               | 6.8              | 56.7         | 2.0          | 20.1       | 0.61               |
|                     | 3/26/2025  | 322         | --                          | 6                | 4.2              | 48.0         | 1.7          | 19.9       | >5.0               |
|                     | 4/16/2025  | 1,219       | --                          | 13               | 8.5              | 67.5         | 2.4          | 17.1       | 1.70               |
|                     | 4/25/2025  | 1,141       | --                          | 13               | 8.5              | 67.5         | 2.4          | 17.7       | 1.50               |
|                     | 5/15/2025  | 809         | --                          | 13               | 8.5              | 67.5         | 2.4          | --         | --                 |
|                     | 5/20/2025  | 953         | --                          | 13               | 8.5              | 67.5         | 2.4          | --         | --                 |
|                     | 6/17/2025  | 670         | --                          | 13               | 8.5              | 68.5         | 2.5          | 18.5       | >1.0               |
|                     | 6/30/2025  | 725         | --                          | 13               | 8.5              | 67.8         | 2.4          | 18.9       | >1.0               |
|                     | 7/7/2025   | System Down |                             |                  |                  |              |              |            |                    |
|                     | 7/23/2025  | 388         | --                          | 13               | 8.5              | 69.2         | 2.5          | 19.4       | >1.0               |
|                     | 8/18/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|                     | 8/23/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|                     | 9/9/2025   | 478         | --                          | --               | --               | 67.3         | 2.4          | 19.6       | >1.0               |
|                     | 9/27/2025  | System Down |                             |                  |                  |              |              |            |                    |
|                     | 10/9/2025  | 280         | --                          | 13               | 8.4              | 72.2         | 2.6          | 19.7       | >1.0               |
|                     | 10/28/2025 | 388         | --                          | 13               | 8.3              | 77.2         | 2.8          | 20.2       | >1.0               |
|                     | 11/13/2025 | System Down |                             |                  |                  |              |              |            |                    |
|                     | 11/25/2025 | 374         | --                          | 4                | 2.7              | 55.5         | 2.0          | 19.4       | >1.0               |
|                     | 12/12/2025 | 351         | --                          | 4                | 2.7              | 53.1         | 1.9          | 19.5       | >1.0               |
|                     | 12/27/2025 | 362         | --                          | 4                | 2.7              | 57.3         | 2.1          | 19.7       | 0.98               |
| SVE02               | 1/6/2025   | 1,420       | --                          | 5                | 3.3              | 62.9         | 2.3          | 12.1       | >5.0               |
|                     | 1/7/2025   | --          | --                          | --               | --               | --           | --           | --         | --                 |
|                     | 1/8/2025   | 1,335       | --                          | 33               | 21.5             | 69.6         | 2.5          | 20.6       | 1.26               |
|                     | 1/9/2025   | 815         | --                          | 26               | 17.4             | 59.1         | 2.1          | 20.9       | 0.49               |
|                     | 1/10/2025  | 546         | --                          | 26               | 17.5             | 57.3         | 2.1          | 20.9       | 0.48               |
|                     | 1/14/2025  | 470         | --                          | 28               | 18.9             | 57.1         | 2.1          | 20.7       | 0.59               |



**TABLE 2**  
**SOIL VAPOR EXTRACTION SYSTEM FIELD MEASUREMENTS**

L C Kelly 1E  
Hilcorp Energy Company  
San Juan County, New Mexico

| SVE Well ID | Date       | PID (ppm)                         | Differential Pressure (IWC) | Flow Rate (acfm) | Flow Rate (scfm) | Vacuum (IWC) | Vacuum (psi) | Oxygen (%) | Carbon Dioxide (%) |
|-------------|------------|-----------------------------------|-----------------------------|------------------|------------------|--------------|--------------|------------|--------------------|
| SVE02       | 1/22/2025  | 824                               | --                          | 17               | 12.1             | 39.1         | 1.4          | 19.8       | >5.0               |
|             | 1/29/2025  | 583                               | --                          | 26               | 18.0             | 48.0         | 1.7          | 16.9       | >5.0               |
|             | 2/5/2025   | 519                               | --                          | 28               | 19.0             | 55.5         | 2.0          | 20.9       | 0.33               |
|             | 2/12/2025  | 512                               | --                          | 26               | 17.9             | 50.7         | 1.8          | 20.9       | 0.59               |
|             | 2/19/2025  | 357                               | --                          | 28               | 18.9             | 57.6         | 2.1          | 20.9       | 0.27               |
|             | 2/26/2025  | 376                               | --                          | 26               | 17.7             | 53.3         | 1.9          | 20.9       | 0.48               |
|             | 3/5/2025   | 691                               | --                          | 24               | 16.7             | 45.6         | 1.6          | 20.1       | 0.59               |
|             | 3/12/2025  | 450                               | --                          | 28               | 19.3             | 49.3         | 1.8          | 20.9       | 0.15               |
|             | 3/26/2025  | 348                               | --                          | 22               | 15.4             | 45.2         | 1.6          | 20.8       | 0.24               |
|             | 4/16/2025  | 546                               | --                          | 0                | 0.0              | 58.1         | 2.1          | 20.0       | 0.30               |
|             | 4/25/2025  | 730                               | --                          | 31               | 20.9             | 56.7         | 2.0          | 20.7       | 0.00               |
|             | 5/15/2025  | 602                               | --                          | 31               | 20.9             | 56.9         | 2.1          | --         | --                 |
|             | 5/20/2025  | 693                               | --                          | 31               | 20.9             | 56.7         | 2.0          | --         | --                 |
|             | 6/17/2025  | 389                               | --                          | 31               | 20.7             | 60.6         | 2.2          | 20.5       | 0.30               |
|             | 6/30/2025  | 352                               | --                          | 31               | 20.8             | 59.2         | 2.1          | 20.6       | 0.30               |
|             | 7/7/2025   | System Down                       |                             |                  |                  |              |              |            |                    |
|             | 7/23/2025  | 630                               | --                          | 31               | 20.6             | 62.0         | 2.2          | 20.9       | 0.13               |
|             | 8/18/2025  | --                                | --                          | --               | --               | --           | --           | --         | --                 |
|             | 8/23/2025  | --                                | --                          | --               | --               | --           | --           | --         | --                 |
|             | 9/9/2025   | 510                               | --                          | --               | --               | 63.1         | 2.3          | 20.9       | 0.12               |
|             | 9/27/2025  | System Down                       |                             |                  |                  |              |              |            |                    |
|             | 10/9/2025  | 228                               | --                          | 31               | 20.5             | 64.3         | 2.3          | 20.9       | 0.10               |
|             | 10/28/2025 | 254                               | --                          | 21               | 13.5             | 74.5         | 2.7          | 20.9       | 0.10               |
|             | 11/13/2025 | System Down                       |                             |                  |                  |              |              |            |                    |
|             | 11/25/2025 | 254                               | --                          | 4                | 2.9              | 28.3         | 1.0          | 20.9       | 0.34               |
|             | 12/12/2025 | 204                               | --                          | 21               | 15.3             | 30.2         | 1.1          | 20.9       | 0.28               |
|             | 12/27/2025 | 240                               | --                          | 18               | 13.1             | 29.7         | 1.1          | 20.9       | 0.30               |
| SVE03       | 1/6/2025   | 1,370                             | --                          | 5                | 3.3              | 67.1         | 2.4          | 14.9       | >5.0               |
|             | 1/7/2025   | --                                | --                          | --               | --               | --           | --           | --         | --                 |
|             | 1/8/2025   | 793                               | --                          | --               | --               | 76.9         | 2.8          | 19.5       | 2.58               |
|             | 1/9/2025   | 729                               | --                          | 5                | 3.3              | 66.2         | 2.4          | 20.9       | >5.0               |
|             | 1/10/2025  | 571                               | --                          | 7                | 4.6              | 66.3         | 2.4          | 20.4       | 0.89               |
|             | 1/14/2025  | 522                               | --                          | 8                | 5.3              | 65.2         | 2.4          | 20.1       | 0.89               |
|             | 1/22/2025  | 222                               | --                          | 38               | 26.0             | 52.8         | 1.9          | 20.9       | 0.21               |
|             | 1/29/2025  | 351                               | --                          | 9                | 6.2              | 50.0         | 1.8          | 20.8       | 0.29               |
|             | 2/5/2025   | 587                               | --                          | 7                | 4.7              | 56.4         | 2.0          | 20.1       | 0.50               |
|             | 2/12/2025  | 114                               | --                          | 12               | 8.2              | 51.7         | 1.9          | 20.9       | 0.25               |
|             | 2/19/2025  | 125                               | --                          | 10               | 6.7              | 59.6         | 2.2          | 20.9       | 0.17               |
|             | 2/26/2025  | 111                               | --                          | 12               | 8.1              | 57.2         | 2.1          | 20.9       | 0.16               |
|             | 3/5/2025   | 537                               | --                          | 8                | 5.6              | 44.1         | 1.6          | 20.9       | 0.09               |
|             | 3/12/2025  | 428                               | --                          | 10               | 6.9              | 49.8         | 1.8          | 20.9       | 0.12               |
|             | 3/26/2025  | 418                               | --                          | 10               | 7.0              | 41.7         | 1.5          | 20.9       | 0.12               |
|             | 4/16/2025  | 352                               | --                          | 14               | 9.4              | 60.4         | 2.2          | 20.9       | 0.00               |
|             | 4/25/2025  | 339                               | --                          | 12               | 8.0              | 60.4         | 2.2          | 20.9       | 0.00               |
|             | 5/15/2025  | 235                               | --                          | 13               | 8.7              | 60.4         | 2.2          | --         | --                 |
|             | 5/20/2025  | 320                               | --                          | 14               | 9.4              | 60.4         | 2.2          | --         | --                 |
|             | 6/17/2025  | 256                               | --                          | 13               | 8.7              | 61.1         | 2.2          | 20.9       | 0.15               |
|             | 6/30/2025  | 310                               | --                          | 14               | 9.3              | 60.9         | 2.2          | 20.9       | 0.12               |
|             | 7/7/2025   | System Down                       |                             |                  |                  |              |              |            |                    |
|             | 7/23/2025  | 133                               | --                          | 13               | 8.7              | 62.0         | 2.2          | 20.9       | 0.11               |
|             | 8/18/2025  | --                                | --                          | --               | --               | --           | --           | --         | --                 |
|             | 8/23/2025  | --                                | --                          | --               | --               | --           | --           | --         | --                 |
|             | 9/9/2025   | 179                               | --                          | --               | --               | 62.8         | 2.3          | 20.9       | 0.08               |
|             | 9/27/2025  | System Down                       |                             |                  |                  |              |              |            |                    |
|             | 10/9/2025  | 76                                | --                          | 13               | 8.6              | 65.3         | 2.4          | 20.9       | 0.09               |
|             | 10/28/2025 | 79                                | --                          | 22               | 14.3             | 70.3         | 2.5          | 20.9       | 0.09               |
|             | 11/13/2025 | System Down                       |                             |                  |                  |              |              |            |                    |
|             | 11/25/2025 | 95                                | --                          | 21               | 13.6             | 71.6         | 2.6          | 20.9       | 0.08               |
|             | 12/12/2025 | 121                               | --                          | 22               | 14.4             | 67.6         | 2.4          | 20.9       | 0.06               |
|             | 12/27/2025 | 112                               | --                          | 20               | 13.0             | 69.6         | 2.5          | 20.9       | 0.07               |
| SVE04       | 1/6/2025   | 1,095                             | --                          | 5                | 3.2              | 74.4         | 2.7          | 10.5       | >5.0               |
|             | 1/7/2025   | --                                | --                          | --               | --               | --           | --           | --         | --                 |
|             | 1/8/2025   | 623                               | --                          | 5                | 3.1              | 81.1         | 2.9          | 11.5       | >5.0               |
|             | 1/9/2025   | 429                               | --                          | 5                | 3.3              | 63.5         | 2.3          | 11.9       | >5.0               |
|             | 1/10/2025  | 415                               | --                          | 5                | 3.3              | 67.2         | 2.4          | 14.6       | >5.0               |
|             | 1/14/2025  | 480                               | --                          | 5                | 3.3              | 66.1         | 2.4          | 16.1       | >5.0               |
|             | 1/22/2025  | 650                               | --                          | --               | --               | --           | --           | 17.8       | --                 |
|             | 1/29/2025  | Well Offline - In Need of Repairs |                             |                  |                  |              |              |            |                    |
|             | 2/5/2025   | 267                               | --                          | --               | --               | 68.8         | 2.5          | 19.2       | >5.0               |
|             | 2/12/2025  | 276                               | --                          | --               | --               | 56.3         | 2.0          | 20.1       | >5.0               |
|             | 2/19/2025  | 142                               | --                          | --               | --               | 65.4         | 2.4          | 19.7       | >5.0               |
|             | 2/26/2025  | 102                               | --                          | --               | --               | 65.2         | 2.4          | 20.7       | 0.89               |



**TABLE 2**  
**SOIL VAPOR EXTRACTION SYSTEM FIELD MEASUREMENTS**  
 L C Kelly 1E  
 Hilcorp Energy Company  
 San Juan County, New Mexico

| SVE Well ID | Date       | PID (ppm)   | Differential Pressure (IWC) | Flow Rate (acfm) | Flow Rate (scfm) | Vacuum (IWC) | Vacuum (psi) | Oxygen (%) | Carbon Dioxide (%) |
|-------------|------------|-------------|-----------------------------|------------------|------------------|--------------|--------------|------------|--------------------|
| SVE04       | 3/5/2025   | 689         | --                          | --               | --               | 51.7         | 1.9          | 18.2       | >5.0               |
|             | 3/12/2025  | 574         | --                          | --               | --               | 58.5         | 2.1          | 19.0       | >5.0               |
|             | 3/26/2025  | 481         | --                          | --               | --               | 50.2         | 1.8          | 19.0       | >5.0               |
|             | 4/16/2025  | 257         | --                          | --               | --               | 67.6         | 2.4          | 18.7       | 1.30               |
|             | 4/25/2025  | 608         | --                          | --               | --               | 66.4         | 2.4          | 18.4       | 1.30               |
|             | 5/15/2025  | 486         | --                          | --               | --               | 67.2         | 2.4          | --         | --                 |
|             | 5/20/2025  | 538         | --                          | --               | --               | 67.0         | 2.4          | --         | --                 |
|             | 6/17/2025  | 368         | --                          | --               | --               | 69.0         | 2.5          | 19.0       | >1.0               |
|             | 6/30/2025  | 353         | --                          | --               | --               | 67.8         | 2.4          | 19.2       | >1.0               |
|             | 7/7/2025   | System Down |                             |                  |                  |              |              |            |                    |
|             | 7/23/2025  | 392         | --                          | --               | --               | 69.8         | 2.5          | 19.3       | >1.0               |
|             | 8/18/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 8/23/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 9/9/2025   | 505         | --                          | --               | --               | 69.2         | 2.5          | 19.5       | >1.0               |
|             | 9/27/2025  | System Down |                             |                  |                  |              |              |            |                    |
|             | 10/9/2025  | 155         | --                          | --               | --               | 72.9         | 2.6          | 20.2       | >1.0               |
|             | 10/28/2025 | 129         | --                          | --               | --               | 70.9         | 2.6          | 20.9       | 0.64               |
|             | 11/13/2025 | System Down |                             |                  |                  |              |              |            |                    |
|             | 11/25/2025 | 128         | --                          | --               | --               | 77.7         | 2.8          | 20.8       | 0.76               |
|             | 12/12/2025 | 162         | --                          | --               | --               | 47.7         | 1.7          | 20.7       | 0.91               |
|             | 12/27/2025 | 148         | --                          | --               | --               | 52.3         | 1.9          | 20.6       | 0.85               |
| SVE05       | 1/6/2025   | 1,602       | --                          | 10               | 6.6              | 63.8         | 2.3          | 4.5        | >5.0               |
|             | 1/7/2025   | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 1/8/2025   | 1,067       | --                          | 14               | 9.3              | 60.9         | 2.2          | 12.0       | >5.0               |
|             | 1/9/2025   | 1,081       | --                          | 14               | 9.4              | 60.5         | 2.2          | 15.3       | >5.0               |
|             | 1/10/2025  | 867         | --                          | 14               | 9.3              | 61.3         | 2.2          | 16.5       | >5.0               |
|             | 1/14/2025  | 776         | --                          | 16               | 10.7             | 59.2         | 2.1          | 20.9       | >5.0               |
|             | 1/22/2025  | 578         | --                          | 22               | 15.2             | 49.8         | 1.8          | 20.9       | >5.0               |
|             | 1/29/2025  | 619         | --                          | 25               | 17.3             | 47.8         | 1.7          | 20.1       | >5.0               |
|             | 2/5/2025   | 563         | --                          | 30               | 20.2             | 58.1         | 2.1          | 20.7       | >5.0               |
|             | 2/12/2025  | 208         | --                          | 35               | 24.2             | 49.2         | 1.8          | 20.1       | >5.0               |
|             | 2/19/2025  | 301         | --                          | 34               | 23.3             | 51.2         | 1.8          | 20.1       | >5.0               |
|             | 2/26/2025  | 178         | --                          | 25               | 17.0             | 54.8         | 2.0          | 20.4       | >5.0               |
|             | 3/5/2025   | 682         | --                          | 24               | 16.7             | 46.1         | 1.7          | 20.6       | 0.43               |
|             | 3/12/2025  | 386         | --                          | 30               | 20.7             | 50.1         | 1.8          | 20.4       | 0.54               |
|             | 3/26/2025  | 318         | --                          | 25               | 17.3             | 48.1         | 1.7          | 20.9       | 0.29               |
|             | 4/16/2025  | 627         | --                          | 16               | 11.6             | 30.5         | 1.1          | 20.3       | 0.60               |
|             | 4/25/2025  | 443         | --                          | 15               | 10.9             | 29.9         | 1.1          | 20.3       | 0.40               |
|             | 5/15/2025  | 583         | --                          | 14               | 10.2             | 30.3         | 1.1          | --         | --                 |
|             | 5/20/2025  | 610         | --                          | 14               | 10.1             | 31.1         | 1.1          | --         | --                 |
|             | 6/17/2025  | 375         | --                          | 14               | 10.1             | 34.0         | 1.2          | 20.2       | 0.41               |
|             | 6/30/2025  | 425         | --                          | 14               | 10.1             | 31.4         | 1.1          | 20.1       | 0.88               |
|             | 7/7/2025   | System Down |                             |                  |                  |              |              |            |                    |
|             | 7/23/2025  | 411         | --                          | 13               | 9                | 31.7         | 1.1          | 20.3       | 0.92               |
|             | 8/18/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 8/23/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 9/9/2025   | 382         | --                          | --               | --               | 38.3         | 1.4          | 20.5       | 0.55               |
|             | 9/27/2025  | System Down |                             |                  |                  |              |              |            |                    |
|             | 10/9/2025  | 316         | --                          | 11               | 7.7              | 42.9         | 1.5          | 20.5       | 0.65               |
|             | 10/28/2025 | 386         | --                          | 10               | 6.8              | 53.1         | 1.9          | 20.9       | 0.68               |
|             | 11/13/2025 | System Down |                             |                  |                  |              |              |            |                    |
|             | 11/25/2025 | 383         | --                          | 10               | 6.8              | 52.4         | 1.9          | 20.4       | 0.92               |
|             | 12/12/2025 | 378         | --                          | 8                | 5.1              | 52.1         | 1.9          | 20.9       | 0.91               |
|             | 12/27/2025 | 399         | --                          | 8                | 5.5              | 51.5         | 1.9          | 20.5       | 0.89               |
| SVE06       | 1/6/2025   | 1,265       | --                          | 28               | 18.7             | 60.3         | 2.2          | 5.8        | >5.0               |
|             | 1/7/2025   | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 1/8/2025   | 1,327       | --                          | 33               | 22.4             | 55.6         | 2.0          | 18.6       | 2.62               |
|             | 1/9/2025   | 267         | --                          | 30               | 20.1             | 60.1         | 2.2          | 20.0       | >5.0               |
|             | 1/10/2025  | 213         | --                          | 30               | 20.1             | 59.6         | 2.2          | 20.9       | 0.01               |
|             | 1/14/2025  | 190         | --                          | 36               | 24.1             | 60.0         | 2.2          | 20.9       | 0.08               |
|             | 1/22/2025  | 653         | --                          | 38               | 25.5             | 59.1         | 2.1          | 20.7       | 0.65               |
|             | 1/29/2025  | 729         | --                          | 36               | 25.4             | 41.1         | 1.5          | 20.9       | 0.78               |
|             | 2/5/2025   | 708         | --                          | 32               | 22.5             | 41.7         | 1.5          | 20.9       | 0.32               |
|             | 2/12/2025  | 309         | --                          | 38               | 26.0             | 52.5         | 1.9          | 20.9       | 0.45               |
|             | 2/19/2025  | 503         | --                          | 38               | 26.8             | 41.1         | 1.5          | 20.9       | 0.84               |
|             | 2/26/2025  | 231         | --                          | 14               | 9.9              | 40.2         | 1.5          | 20.9       | 0.64               |
|             | 3/5/2025   | 733         | --                          | 7                | 4.9              | 40.8         | 1.5          | 20.9       | 0.14               |
|             | 3/12/2025  | 591         | --                          | 11               | 7.7              | 44.1         | 1.6          | 20.9       | 0.24               |
|             | 3/26/2025  | 610         | --                          | 28               | 19.9             | 39.2         | 1.4          | 20.9       | 0.21               |
|             | 4/16/2025  | 435         | --                          | 8                | 5.6              | 17.0         | 0.6          | 20.9       | 0.40               |
|             | 4/25/2025  | 560         | --                          | 8                | 5.6              | 16.8         | 0.6          | 20.3       | 0.10               |
|             | 5/15/2025  | 547         | --                          | 8                | 5.6              | 17.1         | 0.6          | --         | --                 |



**TABLE 2**  
**SOIL VAPOR EXTRACTION SYSTEM FIELD MEASUREMENTS**  
 L C Kelly 1E  
 Hilcorp Energy Company  
 San Juan County, New Mexico

| SVE Well ID | Date       | PID (ppm)   | Differential Pressure (IWC) | Flow Rate (acfm) | Flow Rate (scfm) | Vacuum (IWC) | Vacuum (psi) | Oxygen (%) | Carbon Dioxide (%) |
|-------------|------------|-------------|-----------------------------|------------------|------------------|--------------|--------------|------------|--------------------|
| SVE06       | 5/20/2025  | 474         | --                          | 8                | 5.6              | 17.0         | 0.6          | --         | --                 |
|             | 6/17/2025  | 342         | --                          | 8                | 5.6              | 16.7         | 0.6          | 20.2       | 0.94               |
|             | 6/30/2025  | 297         | --                          | 8                | 5.6              | 16.7         | 0.6          | 20.2       | 0.92               |
|             | 7/7/2025   | System Down |                             |                  |                  |              |              |            |                    |
|             | 7/23/2025  | 425         | --                          | 8                | 5.6              | 17.0         | 0.6          | 20.6       | 0.72               |
|             | 8/18/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 8/23/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 9/9/2025   | 447         | --                          | --               | --               | 18.5         | 0.7          | 20.8       | 0.68               |
|             | 9/27/2025  | System Down |                             |                  |                  |              |              |            |                    |
|             | 10/9/2025  | 288         | --                          | 7                | 5.3              | 17.2         | 0.6          | 20.9       | 0.29               |
|             | 10/28/2025 | 369         | --                          | 7                | 5.3              | 18.0         | 0.6          | 20.9       | 0.23               |
|             | 11/13/2025 | System Down |                             |                  |                  |              |              |            |                    |
|             | 11/25/2025 | 184         | --                          | 4                | 3.0              | 14.1         | 0.5          | 20.4       | 0.70               |
|             | 12/12/2025 | 349         | --                          | 8                | 5.6              | 18.0         | 0.6          | 20.8       | 0.26               |
|             | 12/27/2025 | 253         | --                          | 6                | 4.5              | 15.2         | 0.5          | 20.9       | 0.57               |
| SVE07       | 1/6/2025   | 231         | --                          | 17               | 11.3             | 63.5         | 2.3          | 7.2        | >5.0               |
|             | 1/7/2025   | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 1/8/2025   | 684         | --                          | --               | --               | 57.7         | 2.1          | 20.9       | 0.44               |
|             | 1/9/2025   | 392         | --                          | 18               | 11.9             | 63.9         | 2.3          | 17.5       | >5.0               |
|             | 1/10/2025  | 311         | --                          | 18               | 11.9             | 64.8         | 2.3          | 20.9       | 0.01               |
|             | 1/14/2025  | 281         | --                          | 18               | 11.8             | 66.0         | 2.4          | 20.9       | 0.04               |
|             | 1/22/2025  | 366         | --                          | 18               | 12.1             | 57.2         | 2.1          | 20.1       | 0.67               |
|             | 1/29/2025  | 465         | --                          | 18               | 12.2             | 55.3         | 2.0          | 20.3       | 0.75               |
|             | 2/5/2025   | 501         | --                          | 18               | 11.9             | 63.6         | 2.3          | 19.4       | >5.0               |
|             | 2/12/2025  | 398         | --                          | 18               | 12.7             | 40.3         | 1.5          | 19.1       | >5.0               |
|             | 2/19/2025  | 277         | --                          | 20               | 13.6             | 54.2         | 2.0          | 20.4       | >5.0               |
|             | 2/26/2025  | 225         | --                          | 18               | 12.0             | 62.2         | 2.2          | 20.9       | >5.0               |
|             | 3/5/2025   | 631         | --                          | 18               | 12.4             | 50.6         | 1.8          | 19.4       | 0.89               |
|             | 3/12/2025  | 600         | --                          | 18               | 12.3             | 52.8         | 1.9          | 19.1       | 0.76               |
|             | 3/26/2025  | 269         | --                          | 12               | 8.3              | 48.7         | 1.8          | 19.9       | 0.54               |
|             | 4/16/2025  | 350         | --                          | 17               | 11.4             | 58.9         | 2.1          | 19.1       | 1.40               |
|             | 4/25/2025  | 360         | --                          | 14               | 9.4              | 58.2         | 2.1          | 18.9       | 1.00               |
|             | 5/15/2025  | 400         | --                          | 13               | 8.7              | 58.3         | 2.1          | --         | --                 |
|             | 5/20/2025  | 376         | --                          | 15               | 10.1             | 58.2         | 2.1          | --         | --                 |
|             | 6/17/2025  | 307         | --                          | 14               | 9.3              | 62.6         | 2.3          | 19.2       | >1.0               |
|             | 6/30/2025  | 333         | --                          | 15               | 10.0             | 59.7         | 2.2          | 19.1       | >1.0               |
|             | 7/7/2025   | System Down |                             |                  |                  |              |              |            |                    |
|             | 7/23/2025  | 348         | --                          | 25               | 16.6             | 63.3         | 2.3          | 19.2       | >1.0               |
|             | 8/18/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 8/23/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 9/9/2025   | 505         | --                          | --               | --               | 63.2         | 2.3          | 19.2       | >1.0               |
|             | 9/27/2025  | System Down |                             |                  |                  |              |              |            |                    |
|             | 10/9/2025  | 192         | --                          | 25               | 16.4             | 66.4         | 2.4          | 19.8       | >1.0               |
|             | 10/28/2025 | 202         | --                          | 25               | 16.3             | 69.9         | 2.5          | 20.8       | >1.0               |
|             | 11/13/2025 | System Down |                             |                  |                  |              |              |            |                    |
|             | 11/25/2025 | 184         | --                          | 25               | 16.3             | 68.2         | 2.5          | 19.8       | >1.0               |
|             | 12/12/2025 | 226         | --                          | 25               | 16.4             | 66.6         | 2.4          | 19.5       | >1.0               |
|             | 12/27/2025 | 213         | --                          | 25               | 16.4             | 66.9         | 2.4          | 19.8       | >1.0               |
| SVE08       | 1/6/2025   | 517         | --                          | 13               | 8.6              | 64.3         | 2.3          | 7.3        | >5.0               |
|             | 1/7/2025   | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 1/8/2025   | 621         | --                          | 18               | 12.1             | 58.5         | 2.1          | 16.5       | >5.0               |
|             | 1/9/2025   | 281         | --                          | 14               | 9.4              | 60.0         | 2.2          | 17.3       | >5.0               |
|             | 1/10/2025  | 18          | --                          | 14               | 9.3              | 61.3         | 2.2          | 18.0       | >5.0               |
|             | 1/14/2025  | 412         | --                          | 15               | 9.9              | 63.8         | 2.3          | 19.1       | >5.0               |
|             | 1/22/2025  | 318         | --                          | 7                | 4.8              | 52.7         | 1.9          | 20.4       | >5.0               |
|             | 1/29/2025  | 331         | --                          | 18               | 12.2             | 55.6         | 2.0          | 18.9       | >5.0               |
|             | 2/5/2025   | 259         | --                          | 15               | 10.0             | 62.3         | 2.2          | 19.8       | >5.0               |
|             | 2/12/2025  | 152         | --                          | 8                | 5.4              | 54.0         | 1.9          | 19.7       | 0.82               |
|             | 2/19/2025  | 127         | --                          | 18               | 11.9             | 65.0         | 2.3          | 20.5       | >5.0               |
|             | 2/26/2025  | 113         | --                          | 16               | 10.7             | 61.4         | 2.2          | 20.5       | >5.0               |
|             | 3/5/2025   | 394         | --                          | 8                | 5.5              | 48.3         | 1.7          | 19.6       | 0.58               |
|             | 3/12/2025  | 276         | --                          | 15               | 10.4             | 49.1         | 1.8          | 19.8       | 0.62               |
|             | 3/26/2025  | 281         | --                          | 8                | 5.5              | 52.0         | 1.9          | 20.1       | 0.60               |
|             | 4/16/2025  | 206         | --                          | 6                | 4.2              | 42.2         | 1.5          | 19.1       | 1.00               |
|             | 4/25/2025  | 191         | --                          | 5                | 3.5              | 41.0         | 1.5          | 18.6       | 0.80               |
|             | 5/15/2025  | 181         | --                          | 6                | 3.9              | 42.0         | 1.5          | --         | --                 |
|             | 5/20/2025  | 169         | --                          | 6                | 4.2              | 41.3         | 1.5          | --         | --                 |
|             | 6/17/2025  | 154         | --                          | 6                | 3.9              | 42.8         | 1.5          | 19.1       | >1.0               |
|             | 6/30/2025  | 147         | --                          | 6                | 3.9              | 41.9         | 1.5          | 19.3       | >1.0               |
|             | 7/7/2025   | System Down |                             |                  |                  |              |              |            |                    |
|             | 7/23/2025  | 156         | --                          | 7                | 4.8              | 48.0         | 1.7          | 19.1       | >1.0               |
|             | 8/18/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |



**TABLE 2**  
**SOIL VAPOR EXTRACTION SYSTEM FIELD MEASUREMENTS**  
 L C Kelly 1E  
 Hilcorp Energy Company  
 San Juan County, New Mexico

| SVE Well ID | Date       | PID (ppm)   | Differential Pressure (IWC) | Flow Rate (acfm) | Flow Rate (scfm) | Vacuum (IWC) | Vacuum (psi) | Oxygen (%) | Carbon Dioxide (%) |
|-------------|------------|-------------|-----------------------------|------------------|------------------|--------------|--------------|------------|--------------------|
| SVE08       | 8/23/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 9/9/2025   | 109         | --                          | --               | --               | 48.3         | 1.7          | 19.2       | >1.0               |
|             | 9/27/2025  | System Down |                             |                  |                  |              |              |            |                    |
|             | 10/9/2025  | 107         | --                          | 7                | 4.8              | 51.1         | 1.8          | 19.2       | >1.0               |
|             | 10/28/2025 | 101         | --                          | 7                | 4.8              | 52.4         | 1.9          | 20.0       | >1.0               |
|             | 11/13/2025 | System Down |                             |                  |                  |              |              |            |                    |
|             | 11/25/2025 | 123         | --                          | 4                | 2.8              | 48.1         | 1.7          | 19.5       | >1.0               |
|             | 12/12/2025 | 152         | --                          | 8                | 5.2              | 49.7         | 1.8          | 19.9       | >1.0               |
|             | 12/27/2025 | 138         | --                          | 8                | 5.5              | 48.8         | 1.8          | 19.6       | >1.0               |
| SVE09       | 1/6/2025   | 685         | --                          | 5                | 3.3              | 61.2         | 2.2          | 9.4        | >5.0               |
|             | 1/7/2025   | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 1/8/2025   | 635         | --                          | 5                | 3.2              | 72.7         | 2.6          | 17.2       | 4.86               |
|             | 1/9/2025   | 727         | --                          | 5                | 3.3              | 63.2         | 2.3          | 19.1       | >5.0               |
|             | 1/10/2025  | 294         | --                          | 8                | 5.3              | 64.6         | 2.3          | 20.9       | 0.79               |
|             | 1/14/2025  | 362         | --                          | 7                | 4.6              | 63.1         | 2.3          | 20.9       | 0.80               |
|             | 1/22/2025  | 207         | --                          | 5                | 3.4              | 53.4         | 1.9          | 20.8       | >5.0               |
|             | 1/29/2025  | 308         | --                          | 6                | 4.1              | 49.3         | 1.8          | 20.8       | >5.0               |
|             | 2/5/2025   | 341         | --                          | 7                | 4.7              | 57.3         | 2.1          | 20.9       | 0.90               |
|             | 2/12/2025  | 131         | --                          | 6                | 4.1              | 56.0         | 2.0          | 20.9       | 0.82               |
|             | 2/19/2025  | 336         | --                          | 12               | 8.0              | 61.5         | 2.2          | 20.9       | 0.57               |
|             | 2/26/2025  | 198         | --                          | 8                | 5.4              | 59.2         | 2.1          | 20.9       | 0.68               |
|             | 3/5/2025   | 365         | --                          | 5                | 3.4              | 51.0         | 1.8          | 20.9       | 0.22               |
|             | 3/12/2025  | 489         | --                          | --               | --               | 49.8         | 1.8          | 20.9       | 0.36               |
|             | 3/26/2025  | 421         | --                          | 5                | 3.4              | 51.1         | 1.8          | 20.9       | 0.24               |
|             | 4/16/2025  | 275         | --                          | 5                | 3.3              | 61.7         | 2.2          | 20.9       | 0.40               |
|             | 4/25/2025  | 216         | --                          | 4                | 2.7              | 62.3         | 2.2          | 20.9       | 0.00               |
|             | 5/15/2025  | 214         | --                          | 3                | 2.0              | 62.5         | 2.3          | --         | --                 |
|             | 5/20/2025  | 273         | --                          | 4                | 2.7              | 62.4         | 2.3          | --         | --                 |
|             | 6/17/2025  | 114         | --                          | 4                | 2.6              | 63.7         | 2.3          | 20.9       | 0.17               |
|             | 6/30/2025  | 121         | --                          | 4                | 2.6              | 63.6         | 2.3          | 20.9       | 0.15               |
|             | 7/7/2025   | System Down |                             |                  |                  |              |              |            |                    |
|             | 7/23/2025  | 126         | --                          | 4                | 2.6              | 65.0         | 2.3          | 20.9       | 0.45               |
|             | 8/18/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 8/23/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 9/9/2025   | 212         | --                          | --               | --               | 63.4         | 2.3          | 20.8       | 0.53               |
|             | 9/27/2025  | System Down |                             |                  |                  |              |              |            |                    |
|             | 10/9/2025  | 72          | --                          | 5                | 3.3              | 67.4         | 2.4          | 20.8       | 0.30               |
|             | 10/28/2025 | 93          | --                          | 4                | 2.6              | 68.9         | 2.5          | 20.9       | 0.29               |
|             | 11/13/2025 | System Down |                             |                  |                  |              |              |            |                    |
|             | 11/25/2025 | 87          | --                          | 5                | 3.2              | 70.1         | 2.5          | 20.8       | 0.42               |
|             | 12/12/2025 | 135         | --                          | 5                | 3.3              | 66.8         | 2.4          | 20.7       | 0.37               |
|             | 12/27/2025 | 102         | --                          | 4                | 2.6              | 69.5         | 2.5          | 20.9       | 0.43               |
| SVE10       | 1/6/2025   | 1,307       | --                          | 5                | --               | 71.9         | --           | 3.0        | >5.0               |
|             | 1/7/2025   | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 1/8/2025   | 1,250       | --                          | 5                | 3.2              | 77.9         | 2.8          | 8.9        | >5.0               |
|             | 1/9/2025   | 699         | --                          | 5                | 3.3              | 62.4         | 2.3          | 11.7       | >5.0               |
|             | 1/10/2025  | 429         | --                          | 5                | 3.3              | 67.7         | 2.4          | 14.5       | >5.0               |
|             | 1/14/2025  | 518         | --                          | 5                | 3.3              | 66.6         | 2.4          | 17.2       | 0.80               |
|             | 1/22/2025  | 1,385       | --                          | 5                | 3.5              | 42.2         | 1.5          | 20.3       | >5.0               |
|             | 1/29/2025  | 672         | --                          | 5                | 3.7              | 18.9         | 0.7          | 14.9       | >5.0               |
|             | 2/5/2025   | 714         | --                          | 5                | 3.5              | 46.4         | 1.7          | 13.9       | >5.0               |
|             | 2/12/2025  | 530         | --                          | 5                | 3.4              | 58.5         | 2.1          | 13.3       | >5.0               |
|             | 2/19/2025  | 195         | --                          | 12               | 8.0              | 63.1         | 2.3          | 18.8       | >5.0               |
|             | 2/26/2025  | 214         | --                          | 30               | 20.1             | 59.5         | 2.1          | 19.8       | >5.0               |
|             | 3/5/2025   | 1,056       | --                          | --               | --               | 49.8         | 1.8          | 15.2       | >5.0               |
|             | 3/12/2025  | 941         | --                          | --               | --               | 45.9         | 1.7          | 16.1       | >5.0               |
|             | 3/26/2025  | 850         | --                          | 5                | 3.5              | 48.9         | 1.8          | 17.8       | >5.0               |
|             | 4/16/2025  | 935         | --                          | 4                | 2.6              | 67.4         | 2.4          | 16.2       | 4.10               |
|             | 4/25/2025  | 968         | --                          | 4                | 2.6              | 67.4         | 2.4          | 16.1       | 2.90               |
|             | 5/15/2025  | 711         | --                          | 3                | 2.0              | 66.3         | 2.4          | --         | --                 |
|             | 5/20/2025  | 722         | --                          | 4                | --               | 67.4         | 2.4          | --         | --                 |
|             | 6/17/2025  | 430         | --                          | 4                | --               | 65.8         | 2.4          | 19.7       | >1.0               |
|             | 6/30/2025  | 490         | --                          | 4                | 2.6              | 65.6         | 2.4          | 19.7       | >1.0               |
|             | 7/7/2025   | System Down |                             |                  |                  |              |              |            |                    |
|             | 7/23/2025  | 332         | --                          | 7                | 4.6              | 62.9         | 2.3          | 19.8       | >1.0               |
|             | 8/18/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 8/23/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 9/9/2025   | 474         | --                          | --               | --               | 62.8         | 2.3          | 19.4       | 0.97               |
|             | 9/27/2025  | System Down |                             |                  |                  |              |              |            |                    |
|             | 10/9/2025  | 148         | --                          | 6                | 3.9              | 66.1         | 2.4          | 19.9       | >1.0               |
|             | 10/28/2025 | 196         | --                          | 7                | 4.5              | 73.6         | 2.7          | 20.9       | >1.0               |
|             | 11/13/2025 | System Down |                             |                  |                  |              |              |            |                    |



**TABLE 2**  
**SOIL VAPOR EXTRACTION SYSTEM FIELD MEASUREMENTS**  
 L C Kelly 1E  
 Hilcorp Energy Company  
 San Juan County, New Mexico

| SVE Well ID | Date       | PID (ppm)   | Differential Pressure (IWC) | Flow Rate (acfm) | Flow Rate (scfm) | Vacuum (IWC) | Vacuum (psi) | Oxygen (%) | Carbon Dioxide (%) |
|-------------|------------|-------------|-----------------------------|------------------|------------------|--------------|--------------|------------|--------------------|
| SVE10       | 11/25/2025 | 239         | --                          | 4                | 2.5              | 78.3         | 2.8          | 20.2       | >1.0               |
|             | 12/12/2025 | 286         | --                          | 4                | 2.6              | 67.6         | 2.4          | 19.5       | >1.0               |
|             | 12/27/2025 | 258         | --                          | 10               | 6.5              | 72.3         | 2.6          | 20.1       | >1.0               |
| SVE11       | 1/6/2025   | 846         | --                          | 7                | 4.7              | 61.8         | 2.2          | 12.5       | >5.0               |
|             | 1/7/2025   | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 1/8/2025   | 718         | --                          | 8                | 5.2              | 72.7         | 2.6          | 17.7       | 3.50               |
|             | 1/9/2025   | 699         | --                          | 5                | 3.3              | 63.0         | 2.3          | 19.0       | >5.0               |
|             | 1/10/2025  | 449         | --                          | 5                | 3.4              | 57.8         | 2.1          | 19.5       | >5.0               |
|             | 1/14/2025  | 701         | --                          | 5                | 3.4              | 55.1         | 2.0          | 19.1       | 0.79               |
|             | 1/22/2025  | 276         | --                          | 11               | 7.4              | 58.1         | 2.1          | 20.8       | 0.21               |
|             | 1/29/2025  | 278         | --                          | 6                | 3.8              | 74.5         | 2.7          | 20.9       | 0.21               |
|             | 2/5/2025   | 364         | --                          | 5                | 3.6              | 29.1         | 1.1          | 20.9       | 0.84               |
|             | 2/12/2025  | 134         | --                          | 5                | 3.6              | 33.6         | 1.2          | 20.9       | 0.96               |
|             | 2/19/2025  | 63          | --                          | 5                | 3.6              | 31.1         | 1.1          | 20.9       | 0.79               |
|             | 2/26/2025  | 176         | --                          | 15               | 11.0             | 27.2         | 1.0          | 20.9       | 0.49               |
|             | 3/5/2025   | 455         | --                          | 8                | 5.6              | 41.7         | 1.5          | 20.9       | 0.28               |
|             | 3/12/2025  | 398         | --                          | 10               | 7.0              | 44.2         | 1.6          | 20.9       | 0.42               |
|             | 3/26/2025  | 201         | --                          | 10               | 7.0              | 42.3         | 1.5          | 20.9       | 0.21               |
|             | 4/16/2025  | 225         | --                          | 5                | 3.1              | 51.9         | 1.9          | 20.9       | 0.30               |
|             | 4/25/2025  | 253         | --                          | 5                | 3.4              | 53.0         | 1.9          | 20.5       | 0.10               |
|             | 5/15/2025  | 179         | --                          | 4                | 2.8              | 47.3         | 1.7          | --         | --                 |
|             | 5/20/2025  | 210         | --                          | 4                | 2.7              | 52.1         | 1.9          | --         | --                 |
|             | 6/17/2025  | 173         | --                          | 4                | 2.8              | 47.1         | 1.7          | 20.9       | 0.39               |
|             | 6/30/2025  | 149         | --                          | 4                | 2.8              | 50.3         | 1.8          | 20.9       | 0.40               |
|             | 7/7/2025   | System Down |                             |                  |                  |              |              |            |                    |
|             | 7/23/2025  | 116         | --                          | 4                | 2.8              | 47.3         | 1.7          | 20.9       | 0.40               |
|             | 8/18/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 8/23/2025  | --          | --                          | --               | --               | --           | --           | --         | --                 |
|             | 9/9/2025   | 127         | --                          | --               | --               | 48.1         | 1.7          | 20.9       | 0.25               |
|             | 9/27/2025  | System Down |                             |                  |                  |              |              |            |                    |
|             | 10/9/2025  | 76          | --                          | 4                | 2.8              | 49.2         | 1.8          | 20.7       | 0.36               |
|             | 10/28/2025 | 81          | --                          | 4                | 2.7              | 50.9         | 1.8          | 20.9       | 0.24               |
|             | 11/13/2025 | System Down |                             |                  |                  |              |              |            |                    |
|             | 11/25/2025 | 104         | --                          | 4                | 2.8              | 48.9         | 1.8          | 20.9       | 0.38               |
|             | 12/12/2025 | 149         | --                          | 4                | 2.8              | 44.2         | 1.6          | 20.9       | 0.42               |
|             | 12/27/2025 | 125         | --                          | 4                | 2.8              | 46.2         | 1.7          | 20.9       | 0.37               |

**Notes:**

IWC: inches of water column

PID: photoionization detector

ppm: parts per million

acfm: actual cubic feet per minute

scfm: standard cubic feet per minute

%: percent

--: not measured



**TABLE 3**  
**SOIL VAPOR EXTRACTION SYSTEM EMISSIONS ANALYTICAL RESULTS**  
 L C Kelly 1E  
 Hilcorp Energy Company  
 San Juan County, New Mexico

| Date       | PID<br>(ppm) | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Total Xylenes<br>(µg/L) | TVPH/GRO<br>(µg/L) | Oxygen<br>(%) | Carbon Dioxide<br>(%) |
|------------|--------------|-------------------|-------------------|------------------------|-------------------------|--------------------|---------------|-----------------------|
| 1/6/2025   | 1,512        | 410               | 270               | 26                     | 240                     | 57,000 E           | 7.65%         | 12.40%                |
| 1/7/2025   | --           | 310               | 420               | 40                     | 350                     | 39,000             | 14.78%        | 5.20%                 |
| 1/14/2025  | 293.2        | 31                | 55                | 4.0                    | 35                      | 3,700              | 20.71%        | 1.06%                 |
| 1/22/2025  | 198.9        | 7.9               | 10                | <2.0                   | <3.0                    | 1,200              | 20.82%        | 0.75%                 |
| 1/29/2025  | 653.8        | 20                | 68                | 7.2                    | 71                      | 4,300              | 20.81%        | 1.21%                 |
| 2/5/2025   | 439.2        | 8.6               | 51                | 5.0                    | 49                      | 2,500              | 20.97%        | 0.89%                 |
| 2/12/2025  | 313.2        | 8.9               | 58                | <5.0                   | 25                      | 2,500              | 21.53%        | 0.74%                 |
| 3/12/2025  | 101.6        | <5.0              | 6.1               | <5.0                   | <7.5                    | 660                | 21.22%        | 0.70%                 |
| 3/26/2025  | 508.2        | 3.7               | 28                | 4.8                    | 56                      | 2,000              | 21.36%        | 0.56%                 |
| 5/15/2025  | 409.5        | 5.3               | 33                | 4.6                    | 59                      | 2,500              | 21.20%        | 0.65%                 |
| 9/9/2025   | 359.7        | 3.8               | 15                | 3.5                    | 50                      | 1,200              | 21.39%        | 0.76%                 |
| 11/25/2025 | 88.0         | 2.1               | 8.5               | 1.3                    | 19                      | 880                | 22.12%        | 0.73%                 |

**Notes:**

GRO: gasoline range organics

µg/L: microgram per liter

PID: photoionization detector

ppm: parts per million

TVPH: total volatile petroleum hydrocarbons

%: percent

Gray: less than laboratory reporting limit

E: result exceeded calibration range



**TABLE 4**  
**SOIL VAPOR EXTRACTION SYSTEM MASS REMOVAL AND EMISSIONS**

L C Kelly 1E  
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) |
|----------------|-----------|----------------|----------------|---------------------|----------------------|-------------|
| 1/6/2025       | 1,512     | 410            | 270            | 26                  | 240                  | 57,000      |
| 1/7/2025       | --        | 310            | 420            | 40                  | 350                  | 39,000      |
| 1/14/2025      | 293.2     | 31             | 55             | 4                   | 35                   | 3,700       |
| 1/22/2025      | 198.9     | 8              | 10             | <2.0                | <3.0                 | 1,200       |
| 1/29/2025      | 653.8     | 20             | 68             | 7                   | 71                   | 4,300       |
| 2/5/2025       | 439.2     | 9              | 51             | 5                   | 49                   | 2,500       |
| 2/12/2025      | 313.2     | 9              | 58             | <5.0                | 25                   | 2,500       |
| 3/12/2025      | 101.6     | <5.0           | 6              | <5.0                | <7.5                 | 660         |
| 3/26/2025      | 508.2     | 3.7            | 28             | 4.8                 | 56                   | 2,000       |
| 5/15/2025      | 409.5     | 5.3            | 33             | 4.6                 | 59                   | 2,500       |
| 9/9/2025       | 359.7     | 3.8            | 15             | 3.5                 | 50                   | 1,200       |
| 11/25/2025     | 88.0      | 2.1            | 9              | 1.3                 | 19                   | 880         |
| <b>Average</b> | 443       | 68             | 85             | 9                   | 80                   | 9,787       |

**Vapor Extraction Summary**

| Date                    | Flow Rate (scfm) | Total System Flow (cf) | Delta Flow (cf) | Benzene (lb/hr) | Toluene (lb/hr) | Ethylbenzene (lb/hr) | Total Xylenes (lb/hr) | TVPH (lb/hr) |
|-------------------------|------------------|------------------------|-----------------|-----------------|-----------------|----------------------|-----------------------|--------------|
| 1/6/2025                | 134              |                        |                 |                 |                 |                      |                       |              |
| 1/7/2025 <sup>(1)</sup> | 134              | 174,468                | 174,468         | 0.180           | 0.17            | 0.0165               | 0.148                 | 24.1         |
| 1/14/2025               | 145              | 1,454,640              | 1,454,640       | 0.092           | 0.13            | 0.0119               | 0.104                 | 11.6         |
| 1/22/2025               | 161              | 1,790,964              | 1,790,964       | 0.012           | 0.02            | 0.0018               | 0.011                 | 1.48         |
| 1/29/2025               | 133              | 1,197,000              | 1,197,000       | 0.007           | 0.02            | 0.0023               | 0.018                 | 1.37         |
| 2/5/2025                | 133              | 1,281,588              | 1,281,588       | 0.007           | 0.03            | 0.0030               | 0.030                 | 1.69         |
| 2/12/2025               | 143              | 1,021,020              | 1,021,020       | 0.005           | 0.03            | 0.0027               | 0.020                 | 1.34         |
| 3/12/2025               | 147              | 5,279,652              | 5,279,652       | 0.004           | 0.02            | 0.0027               | 0.009                 | 0.87         |
| 3/26/2025               | 141              | 2,882,322              | 2,882,322       | 0.002           | 0.01            | 0.0026               | 0.017                 | 0.70         |
| 5/15/2025               | 120              | 8,340,480              | 8,340,480       | 0.002           | 0.01            | 0.0021               | 0.026                 | 1.01         |
| 9/9/2025                | 123              | 19,421,946             | 19,421,946      | 0.002           | 0.01            | 0.0019               | 0.025                 | 0.85         |
| 11/25/2025              | 112              | 11,558,400             | 11,558,400      | 0.001           | 0.00            | 0.0010               | 0.014                 | 0.44         |
| <b>Average</b>          |                  |                        |                 | 0.029           | 0.041           | 0.0044               | 0.038                 | 4.12         |

**Mass Recovery**

| Date                               | Total Operational Hours | Delta Hours | Benzene (pounds) | Toluene (pounds) | Ethylbenzene (pounds) | Total Xylenes (pounds) | TVPH (pounds) | TVPH (tons) |
|------------------------------------|-------------------------|-------------|------------------|------------------|-----------------------|------------------------|---------------|-------------|
| 1/6/2025                           | 3.7                     |             |                  |                  |                       |                        |               |             |
| 1/7/2025                           | 25.4                    | 22          | 3.9              | 3.8              | 0.36                  | 3.2                    | 522           | 0.26        |
| 1/14/2025                          | 192.6                   | 167         | 15.5             | 22               | 1.99                  | 17                     | 1,936         | 0.97        |
| 1/22/2025                          | 378.0                   | 185         | 2.2              | 4                | 0.3                   | 2                      | 274           | 0.14        |
| 1/29/2025                          | 528.0                   | 150         | 1.0              | 2.9              | 0.34                  | 2.8                    | 205           | 0.10        |
| 2/5/2025                           | 688.6                   | 161         | 1.1              | 5                | 0.5                   | 4.8                    | 272           | 0.14        |
| 2/12/2025                          | 807.6                   | 119         | 0.6              | 3                | 0.3                   | 2                      | 159           | 0.08        |
| 3/12/2025                          | 1,406.2                 | 599         | 2.3              | 11               | 1.6                   | 5                      | 520           | 0.26        |
| 3/26/2025                          | 1,746.9                 | 341         | 0.8              | 3                | 0.9                   | 6                      | 239           | 0.12        |
| 5/15/2025                          | 2,905.3                 | 1,158       | 2.3              | 16               | 2.4                   | 30                     | 1,170         | 0.58        |
| 9/9/2025                           | 5,537.0                 | 2,632       | 5.5              | 29               | 4.9                   | 66                     | 2,240         | 1.12        |
| 11/25/2025                         | 7,257.0                 | 1,720       | 2.1              | 8                | 1.7                   | 25                     | 749           | 0.37        |
| <b>Total Mass Recovery to Date</b> |                         |             | 37               | 107              | 15                    | 164                    | 8,285         | 4.1         |

**Notes:**

(1) Flow rate for 1/7/2025 estimated as the flow rate from the previous day

cf: cubic feet

scfm: cubic feet per minute

µg/L: micrograms per liter

lb/hr: pounds per hour

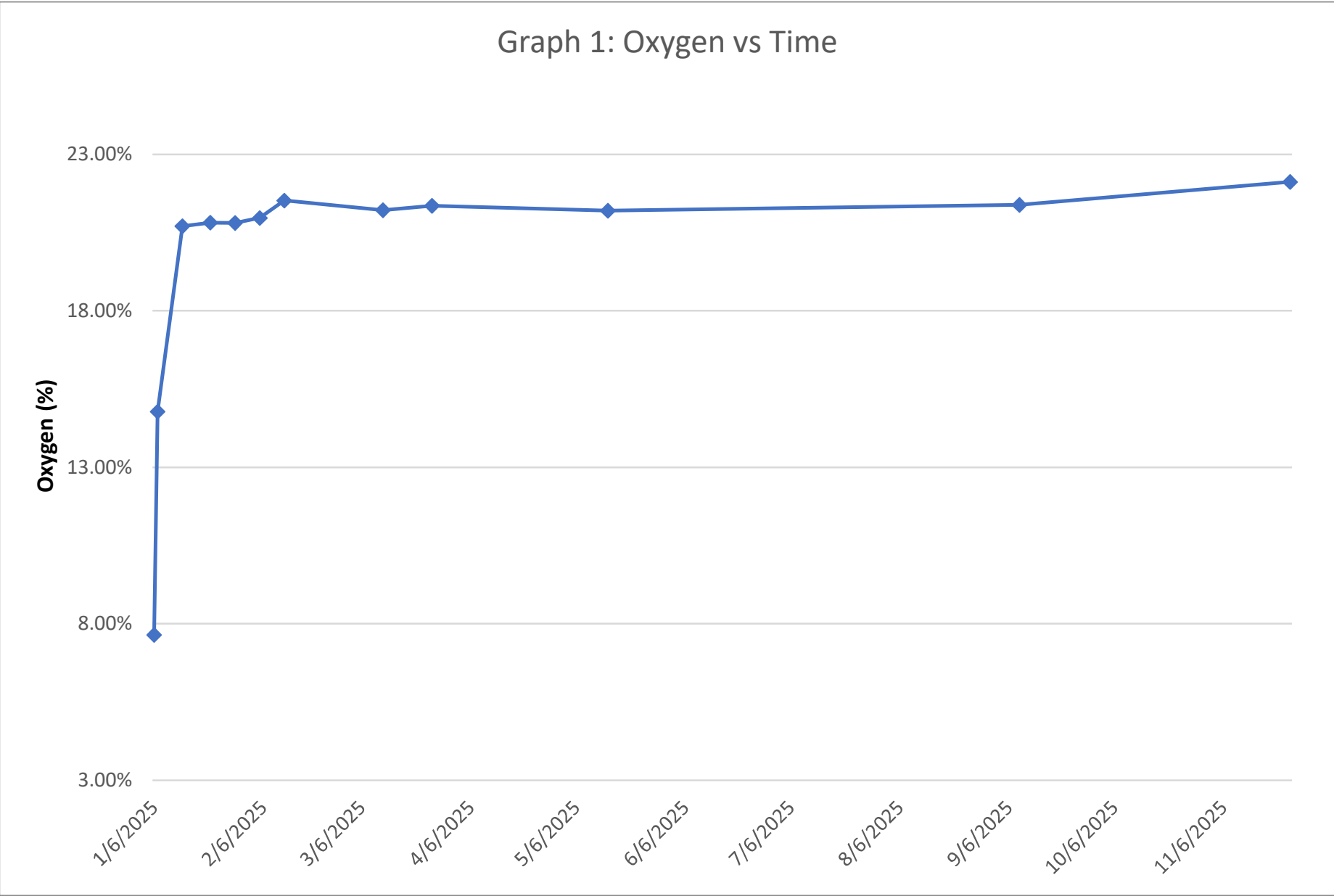
PID: photoionization detector

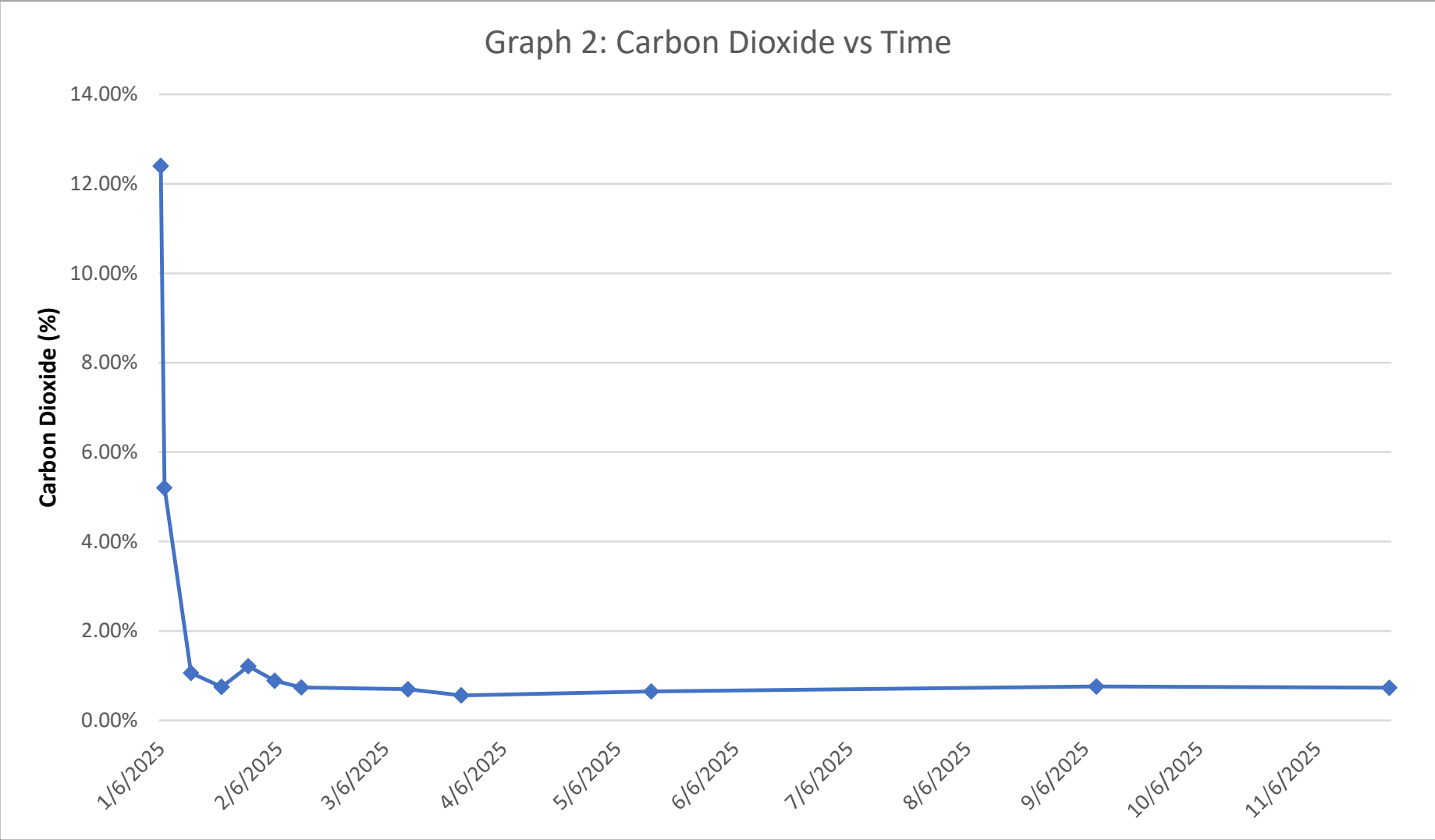
ppm: parts per million

TVPH: total volatile petroleum hydrocarbons

--: not measured

gray: laboratory reporting limit used for calculating emissions







# APPENDIX A

## Field Notes

---



LC KELLY #1E SVE SYSTEM  
O&M FORM

DATE: 10-9  
TIME ONSITE: \_\_\_\_\_

O&M PERSONNEL: B Sinclair  
TIME OFFSITE: \_\_\_\_\_

SVE SYSTEM - MONTHLY O&M

SVE ALARMS: \_\_\_\_\_ KO TANK HIGH LEVEL

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
|                                           | Check/Date                          |
| WEEKLY MAINTENANCE: Blower Bearing Grease | <input checked="" type="checkbox"/> |
| QUARTERLY MAINTENANCE: Blower Oil Change  | <input type="checkbox"/>            |

| SVE SYSTEM                   | READING | TIME |
|------------------------------|---------|------|
| Blower Hours (take photo)    | 6199.1  | 1044 |
| Inlet Vacuum (IHG)           | 5.0     |      |
| Differential Pressure (IWC)  | 0.29    |      |
| Inlet PID                    | 192.8   |      |
| Exhaust PID                  | 339.4   |      |
| Inlet Temperature            |         |      |
| K/O Tank Liquid Level        |         |      |
| K/O Liquid Drained (gallons) |         |      |

SVE SYSTEM SAMPLING

SAMPLE ID: \_\_\_\_\_ SAMPLE TIME: \_\_\_\_\_  
Analytes: Sample for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2)

OPERATING WELLS

Change in Well Operation: \_\_\_\_\_

WELLHEAD MEASUREMENTS

| WELL ID | VACUUM (IHG) | PID HEADSPACE (PPM) | DIFF PRESSURE (IN W.C.) | OXYGEN (%) | CARBON DIOXIDE (%) |
|---------|--------------|---------------------|-------------------------|------------|--------------------|
| SVE01   | 72.2         | 280.4               |                         | 19.7       | *                  |
| SVE02   | 64.3         | 227.5               |                         | 20.9       | 1020               |
| SVE03   | 65.3         | 75.9                |                         | 20.9       | 880                |
| SVE04   | 72.9         | 155.4               |                         | 20.2       | *                  |
| SVE05   | 42.9         | 316.4               |                         | 20.5       | 6480               |
| SVE06   | 17.2         | 287.7               |                         | 20.9       | 2900               |
| SVE07   | 66.4         | 192.1               |                         | 19.8       | *                  |
| SVE08   | 51.1         | 107.4               |                         | 19.2       | *                  |
| SVE09   | 67.4         | 71.9                |                         | 20.8       | 2960               |
| SVE10   | 66.1         | 147.6               |                         | 19.9       | *                  |
| SVE11   | 49.2         | 75.8                |                         | 20.7       | 3560               |

COMMENTS/OTHER MAINTENANCE:

| Well | ID | Vac  | Flow   |
|------|----|------|--------|
| 1    |    | 5.0  | 13     |
| 2    |    | 4.75 | 31     |
| 3    |    | 4.5  | 13     |
| 4    |    | 3.0  | opaque |
| 5    |    | 3.0  | 11     |
| 6    |    | 6.25 | 7      |
| 7    |    | 6.5  | 25     |
| 8    |    | 4.0  | 7      |
| 9    |    | 5.0  | 5      |
| 10   |    | 6.5  | 6      |
| 11   |    | 6.0  | 4      |

LC KELLY #1E SVE SYSTEM  
O&M FORM

DATE: 10-28  
TIME ONSITE:

O&M PERSONNEL: B Sinclair  
TIME OFFSITE:

SVE SYSTEM - MONTHLY O&M

SVE ALARMS:

KO TANK HIGH LEVEL

|                        |                       |            |
|------------------------|-----------------------|------------|
|                        |                       | Check/Date |
| WEEKLY MAINTENANCE:    | Blower Bearing Grease | ✓          |
| QUARTERLY MAINTENANCE: | Blower Oil Change     |            |

| SVE SYSTEM                   | READING | TIME |
|------------------------------|---------|------|
| Blower Hours (take photo)    | 6646.2  | 1428 |
| Inlet Vacuum (IHG)           | 5.5     |      |
| Differential Pressure (IWC)  | 9.27    |      |
| Inlet PID                    | 199.5   |      |
| Exhaust PID                  | 359.2   |      |
| Inlet Temperature            |         |      |
| K/O Tank Liquid Level        |         |      |
| K/O Liquid Drained (gallons) |         |      |

SVE SYSTEM SAMPLING

SAMPLE ID:

SAMPLE TIME:

Analytes: Sample for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2)

OPERATING WELLS

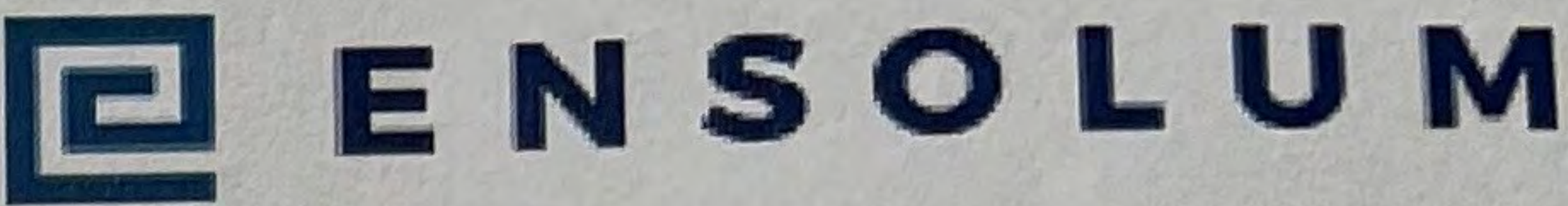
Change in Well Operation:

WELLHEAD MEASUREMENTS

| WELL ID | VACUUM (IN W.C.) | PID HEADSPACE (PPM) | VACUUM (IHG) | FLOW (ACFM) | OXYGEN (%) | CARBON DIOXIDE (%) |
|---------|------------------|---------------------|--------------|-------------|------------|--------------------|
| SVE01   | 77.2             | 388.1               | 5.5          | 13          | 20.2       | *                  |
| SVE02   | 74.5             | 253.7               | 5.0          | 21          | 20.9       | 1040               |
| SVE03   | 70.3             | 79.0                | 5.0          | 22          | 20.9       | 920                |
| SVE04   | 70.9             | 128.9               | 3.25         | open        | 20.9       | 6400               |
| SVE05   | 53.1             | 385.9               | 3.5          | 10          | 20.9       | 6760               |
| SVE06   | 17.95            | 368.6               | 6.5          | 7           | 20.9       | 2300               |
| SVE07   | 69.9             | 202.0               | 7.0          | 25          | 20.8       | *                  |
| SVE08   | 52.4             | 100.8               | 4.25         | 7           | 20.0       | *                  |
| SVE09   | 68.9             | 93.1                | 5.0          | 9           | 20.9       | 2880               |
| SVE10   | 73.6             | 195.5               | 7.25         | 47          | 20.9       | *                  |
| SVE11   | 50.9             | 80.8                | 6.5          | 4           | 20.9       | 2360               |

COMMENTS/OTHER MAINTENANCE:

\* over 10,000 ppm



LC KELLY #1E SVE SYSTEM  
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 |
|                              |                                                             | Check/Date         |
| WEEKLY MAINTENANCE:          | Blower Bearing Grease                                       | ✓                  |
| QUARTERLY MAINTENANCE:       | Blower Oil Change                                           |                    |
| SVE SYSTEM                   | READING                                                     | TIME               |
| Blower Hours (take photo)    | 6493.2                                                      | 1103               |
| Inlet Vacuum (IHG)           |                                                             |                    |
| Differential Pressure (IWC)  |                                                             |                    |
| Inlet PID                    |                                                             |                    |
| Exhaust PID                  |                                                             |                    |
| Inlet Temperature            |                                                             |                    |
| K/O Tank Liquid Level        |                                                             |                    |
| K/O Liquid Drained (gallons) |                                                             |                    |
| SVE SYSTEM SAMPLING          |                                                             |                    |
| SAMPLE ID:                   | SAMPLE TIME:                                                |                    |
| Analytes:                    | Sample for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2) |                    |
| OPERATING WELLS              |                                                             |                    |

Change in Well Operation:

WELLHEAD MEASUREMENTS

| WELL ID | VACUUM (IN W.C.) | PID HEADSPACE (PPM) | VACUUM (IHG) | FLOW (ACFM) | OXYGEN (%) | CARBON DIOXIDE (%) |
|---------|------------------|---------------------|--------------|-------------|------------|--------------------|
| SVE01   |                  |                     |              |             |            |                    |
| SVE02   |                  |                     |              |             |            |                    |
| SVE03   |                  |                     |              |             |            |                    |
| SVE04   |                  |                     |              |             |            |                    |
| SVE05   |                  |                     |              |             |            |                    |
| SVE06   |                  |                     |              |             |            |                    |
| SVE07   |                  |                     |              |             |            |                    |
| SVE08   |                  |                     |              |             |            |                    |
| SVE09   |                  |                     |              |             |            |                    |
| SVE10   |                  |                     |              |             |            |                    |
| SVE11   |                  |                     |              |             |            |                    |

COMMENTS/OTHER MAINTENANCE:

System down due to generator issues

LC KELLY #1E SVE SYSTEM  
O&M FORM

DATE: 11-25  
TIME ONSITE:

O&M PERSONNEL:  
TIME OFFSITE:

B Sinclair

SVE SYSTEM - MONTHLY O&M

SVE ALARMS: KO TANK HIGH LEVEL

|                        |                       |            |
|------------------------|-----------------------|------------|
|                        |                       | Check/Date |
| WEEKLY MAINTENANCE:    | Blower Bearing Grease | ✓          |
| QUARTERLY MAINTENANCE: | Blower Oil Change     |            |

| SVE SYSTEM                   | READING | TIME |
|------------------------------|---------|------|
| Blower Hours (take photo)    | 72570   | 1138 |
| Inlet Vacuum (IHG)           | 5.5     |      |
| Differential Pressure (IWC)  | 0.25    |      |
| Inlet PID                    | 87.2    |      |
| Exhaust PID                  | 241.9   |      |
| Inlet Temperature            |         |      |
| K/O Tank Liquid Level        |         |      |
| K/O Liquid Drained (gallons) | 30      |      |

SVE SYSTEM SAMPLING

SAMPLE ID: SVE-1  
Analytes: Sample for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2)

OPERATING WELLS

Change in Well Operation:

WELLHEAD MEASUREMENTS

| WELL ID | VACUUM (IN W.C.) | PID HEADSPACE (PPM) | VACUUM (IHG) | FLOW (ACFM) | OXYGEN (%) | CARBON DIOXIDE (%) |
|---------|------------------|---------------------|--------------|-------------|------------|--------------------|
| SVE01   | 55.5             | 373.9               | 4.0          | 4           | 19.4       | *                  |
| SVE02   | 28.3             | 254.4               | 2.0          | 4           | 20.9       | 3360               |
| SVE03   | 71.6             | 94.7                | 5.0          | 21          | 20.9       | 820                |
| SVE04   | 77.7             | 127.7               | 3.5          | opaque      | 20.8       | 7640               |
| SVE05   | 52.4             | 383.0               | 6.5          | 10          | 20.4       | 9200               |
| SVE06   | 14.07            | 184.3               | 6.5          | 4           | 20.4       | 6940               |
| SVE07   | 68.2             | 183.8               | 7.0          | 25          | 19.8       | *                  |
| SVE08   | 48.1             | 123.4               | 7.5          | 4           | 19.5       | *                  |
| SVE09   | 70.1             | 86.6                | 5.0          | 5           | 20.8       | 4160               |
| SVE10   | 78.3             | 238.7               | 7.5          | 47          | 20.2       | *                  |
| SVE11   | 48.9             | 103.7               | 6.5          | 4           | 20.9       | 3780               |

COMMENTS/OTHER MAINTENANCE:

LC KELLY #1E SVE SYSTEM  
O&M FORMDATE: 12-12  
TIME ONSITE: \_\_\_\_\_O&M PERSONNEL:  
TIME OFFSITE: \_\_\_\_\_B Sinclair

## SVE SYSTEM - MONTHLY O&amp;M

SVE ALARMS: \_\_\_\_\_ KO TANK HIGH LEVEL

|                        |                       |            |
|------------------------|-----------------------|------------|
|                        |                       | Check/Date |
| WEEKLY MAINTENANCE:    | Blower Bearing Grease | ✓          |
| QUARTERLY MAINTENANCE: | Blower Oil Change     |            |

| SVE SYSTEM                   | READING | TIME |
|------------------------------|---------|------|
| Blower Hours (take photo)    | 7617.4  | 1152 |
| Inlet Vacuum (IHG)           | 5.25    |      |
| Differential Pressure (IWG)  | .31     |      |
| Inlet PID                    | 186.2   |      |
| Exhaust PID                  | 295.8   |      |
| Inlet Temperature            |         |      |
| K/O Tank Liquid Level        |         |      |
| K/O Liquid Drained (gallons) | 2.5     |      |

## SVE SYSTEM SAMPLING

|                 |                                                             |
|-----------------|-------------------------------------------------------------|
| SAMPLE ID:      | SAMPLE TIME:                                                |
| Analytes:       | Sample for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2) |
| OPERATING WELLS |                                                             |

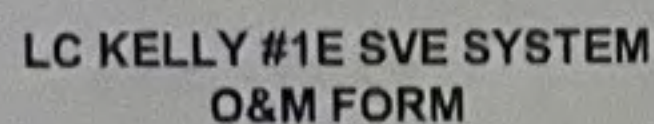
Change in Well Operation: \_\_\_\_\_

## WELLHEAD MEASUREMENTS

| WELL ID | VACUUM (IN W.C.) | PID HEADSPACE (PPM) | VACUUM (IHG) | FLOW (ACFM) | OXYGEN (%) | CARBON DIOXIDE (%) |
|---------|------------------|---------------------|--------------|-------------|------------|--------------------|
| SVE01   | 53.1             | 351.9               | 3.5          | 4.0         | 19.5       | X                  |
| SVE02   | 30.2             | 204.2               | 6.0          | 2.1         | 20.9       | 2500               |
| SVE03   | 67.6             | 120.8               | 5.0          | 2.2         | 20.9       | 640                |
| SVE04   | 47.7             | 162.1               | 3.0          | opaque      | 20.4       | 9080               |
| SVE05   | 52.1             | 378.4               | 3.5          | 2.5         | 20.9       | 9060               |
| SVE06   | 17.96            | 349.4               | 6.5          | 2.5         | 20.8       | 2600               |
| SVE07   | 66.8             | 226.1               | 6.5          | 2.5         | 19.5       | X                  |
| SVE08   | 49.7             | 152.1               | 4.0          | 2.5         | 19.9       | X                  |
| SVE09   | 66.8             | 139.6               | 5.0          | 5.0         | 20.7       | 3650               |
| SVE10   | 67.6             | 286.2               | 6.5          | 4.0         | 19.5       | X                  |
| SVE11   | 44.2             | 148.7               | 6.0          | 4.0         | 20.9       | 4180               |

COMMENTS/OTHER MAINTENANCE:

\* over 10,000 ppm



O&M PERSONNEL:  
TIME OFFSITE:

B Sinclair

SVE ALARMS: KO TANK HIGH LEVEL

| SVE SYSTEM                   | READING | TIME |
|------------------------------|---------|------|
| Blower Hours (take photo)    | 7973.8  | 1058 |
| Inlet Vacuum (IHG)           | 5.5     |      |
| Differential Pressure (IWC)  | 0.3     |      |
| Inlet PID                    | 158.1   |      |
| Exhaust PID                  | 222.6   |      |
| Inlet Temperature            |         |      |
| K/O Tank Liquid Level        |         |      |
| K/O Liquid Drained (gallons) | 35      |      |

|                 |                                                             |
|-----------------|-------------------------------------------------------------|
| SAMPLE ID:      | SAMPLE TIME:                                                |
| Analytes:       | Sample for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2) |
| OPERATING WELLS |                                                             |

|  |
|--|
|  |
|--|

| WELLHEAD MEASUREMENTS |                  |                     |              |             |            |                    |
|-----------------------|------------------|---------------------|--------------|-------------|------------|--------------------|
| WELL ID               | VACUUM (IN W.C.) | PID HEADSPACE (PPM) | VACUUM (IHG) | FLOW (ACFM) | OXYGEN (%) | CARBON DIOXIDE (%) |
| SVE01                 | 57.3             | 361.9               | 3.5          | 4           | 19.7       | 9840               |
| SVE02                 | 29.7             | 239.7               | 5.5          | 18          | 20.9       | 3020               |
| SVE03                 | 69.6             | 111.5               | 4.0          | 20          | 20.9       | 700                |
| SVE04                 | 52.3             | 148.3               | 3.5          | operator    | 20.6       | 8480               |
| SVE05                 | 51.5             | 348.7               | 3.5          | 8           | 20.5       | 8860               |
| SVE06                 | 15.17            | 252.5               | 6.0          | 6           | 20.9       | 3550               |
| SVE07                 | 66.9             | 213.4               | 6.5          | 25          | 19.8       | X                  |
| SVE08                 | 48.8             | 137.9               | 5.0          | 8           | 19.6       | X                  |
| SVE09                 | 69.5             | 101.6               | 5.5          | 4           | 20.9       | 9260               |
| SVE10                 | 22.3             | 258.2               | 7.0          | 10          | 20.1       | X                  |
| SVE11                 | 46.2             | 124.5               | 6.5          | 4           | 20.9       | 3680               |

COMMENTS/OTHER MAINTENANCE:



## APPENDIX B

### Project Photographs

---

**PROJECT PHOTOGRAPHS**  
LC Kelly 1E  
San Juan County, New Mexico  
Hilcorp Energy Company

|                                                                                                     |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Photograph 1</b><br><br>Runtime meter taken on September 27, 2025 at 11:19 AM<br>Hours = 5,938.7 |  <p>DIRECTION 272 deg(T) 36.84594°N 108.12479°W ACCURACY 5 m DATUM WGS84</p> <p>2025-09-27 11:19:25-06:00</p>  |
| <b>Photograph 2</b><br><br>Runtime meter taken on December 27, 2025 at 10:58 AM<br>Hours = 7,973.8  |  <p>DIRECTION 174 deg(T) 36.84594°N 108.12476°W ACCURACY 4 m DATUM WGS84</p> <p>2025-12-27 10:58:17-07:00</p> |



## APPENDIX C

### Laboratory Analytical Reports

---



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 12/29/2025 12:08:16 PM

## JOB DESCRIPTION

LC Kelly 1E

## JOB NUMBER

885-38417-1

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



Generated  
12/29/2025 12:08:16 PM

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

Client: Hilcorp Energy  
Project/Site: LC Kelly 1E

Laboratory Job ID: 885-38417-1

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## Definitions/Glossary

Client: Hilcorp Energy  
Project/Site: LC Kelly 1E

Job ID: 885-38417-1

## 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: LC Kelly 1E

Job ID: 885-38417-1

Job ID: 885-38417-1Eurofins Albuquerque

Job Narrative  
885-38417-1

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 11/26/2025 6:40 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.

Gasoline Range Organics

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

GC/MS VOA

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

## Client Sample Results

Client: Hilcorp Energy  
Project/Site: LC Kelly 1E

Job ID: 885-38417-1

Client Sample ID: SVE-1

Lab Sample ID: 885-38417-1

Date Collected: 11/25/25 12:00

Matrix: Air

Date Received: 11/26/25 06:40

Sample Container: Tedlar Bag 1L

## Method: SW846 8015M/D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

| Analyte                            | Result | Qualifier | RL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|----|------|---|----------|----------------|---------|
| Gasoline Range Organics [C6 - C10] | 880    |           | 25 | ug/L |   |          | 12/02/25 14:02 | 5       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 113       |           | 39 - 158 |          | 12/02/25 14:02 | 5       |

## 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 |   |          | 12/02/25 14:02 | 5       |
| 1,1,1-Trichloroethane       | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 1.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,1-Dichloroethane          | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,1-Dichloroethene          | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,1-Dichloropropene         | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,2,3-Trichlorobenzene      | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,2,3-Trichloropropane      | ND     |           | 1.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,2,4-Trichlorobenzene      | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,2,4-Trimethylbenzene      | 1.1    |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,2-Dibromo-3-Chloropropane | ND     |           | 1.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,2-Dichlorobenzene         | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,2-Dichloroethane (EDC)    | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,3,5-Trimethylbenzene      | 1.3    |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,3-Dichlorobenzene         | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,3-Dichloropropane         | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1,4-Dichlorobenzene         | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 1-Methylnaphthalene         | ND     |           | 2.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| 2,2-Dichloropropane         | ND     |           | 1.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| 2-Butanone                  | ND     |           | 5.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| 2-Chlorotoluene             | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 2-Hexanone                  | ND     |           | 5.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| 2-Methylnaphthalene         | ND     |           | 2.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| 4-Chlorotoluene             | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 4-Isopropyltoluene          | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| 4-Methyl-2-pentanone        | ND     |           | 5.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| Acetone                     | ND     |           | 5.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| Benzene                     | 2.1    |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Bromobenzene                | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Bromodichloromethane        | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Dibromochloromethane        | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Bromoform                   | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Bromomethane                | ND     |           | 1.5  | ug/L |   |          | 12/02/25 14:02 | 5       |
| Carbon disulfide            | ND     |           | 5.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| Carbon tetrachloride        | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Chlorobenzene               | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Chloroethane                | ND     |           | 1.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| Chloroform                  | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |

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## Client Sample Results

Client: Hilcorp Energy  
Project/Site: LC Kelly 1E

Job ID: 885-38417-1

Client Sample ID: SVE-1

Lab Sample ID: 885-38417-1

Date Collected: 11/25/25 12:00

Matrix: Air

Date Received: 11/26/25 06:40

Sample Container: Tedlar Bag 1L

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

| Analyte                        | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| Chloromethane                  | ND     |           | 1.5  | ug/L |   |          | 12/02/25 14:02 | 5       |
| cis-1,2-Dichloroethene         | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| cis-1,3-Dichloropropene        | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Dibromomethane                 | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Dichlorodifluoromethane        | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Ethylbenzene                   | 1.3    |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Hexachlorobutadiene            | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Isopropylbenzene               | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Methyl-tert-butyl Ether (MTBE) | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Methylene Chloride             | ND     |           | 1.3  | ug/L |   |          | 12/02/25 14:02 | 5       |
| n-Butylbenzene                 | ND     |           | 1.5  | ug/L |   |          | 12/02/25 14:02 | 5       |
| N-Propylbenzene                | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Naphthalene                    | ND     |           | 1.0  | ug/L |   |          | 12/02/25 14:02 | 5       |
| sec-Butylbenzene               | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Styrene                        | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| tert-Butylbenzene              | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Tetrachloroethene (PCE)        | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Toluene                        | 8.5    |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| trans-1,2-Dichloroethene       | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| trans-1,3-Dichloropropene      | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Trichloroethene (TCE)          | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Trichlorofluoromethane         | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Vinyl chloride                 | ND     |           | 0.50 | ug/L |   |          | 12/02/25 14:02 | 5       |
| Xylenes, Total                 | 19     |           | 0.75 | ug/L |   |          | 12/02/25 14:02 | 5       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 82        |           | 70 - 130 |          | 12/02/25 14:02 | 5       |
| Toluene-d8 (Surr)            | 114       |           | 70 - 130 |          | 12/02/25 14:02 | 5       |
| 4-Bromofluorobenzene (Surr)  | 106       |           | 70 - 130 |          | 12/02/25 14:02 | 5       |
| Dibromofluoromethane (Surr)  | 96        |           | 70 - 130 |          | 12/02/25 14:02 | 5       |

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## QC Sample Results

Client: Hilcorp Energy  
Project/Site: LC Kelly 1E

Job ID: 885-38417-1

## Method: 8015M/D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Lab Sample ID: MB 885-39253/5

Matrix: Air

Analysis Batch: 39253

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                            | MB<br>Result    | MB<br>Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|-----------------|-----------------|----------|------|---|----------|----------------|---------|
| Gasoline Range Organics [C6 - C10] | ND              |                 | 5.0      | ug/L |   |          | 12/02/25 13:37 | 1       |
| Surrogate                          | MB<br>%Recovery | MB<br>Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)        | 95              |                 | 39 - 158 |      |   |          | 12/02/25 13:37 | 1       |

Lab Sample ID: LCS 885-39253/4

Matrix: Air

Analysis Batch: 39253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                            | Spike<br>Added   | LCS<br>Result    | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------------------|------------------|------------------|------------------|------|---|------|----------------|
| Gasoline Range Organics [C6 - C10] | 500              | 541              |                  | ug/L |   | 108  | 70 - 130       |
| Surrogate                          | LCS<br>%Recovery | LCS<br>Qualifier | Limits           |      |   |      |                |
| 4-Bromofluorobenzene (Surr)        | 104              |                  | 39 - 158         |      |   |      |                |

Lab Sample ID: 885-38417-1 DU

Matrix: Air

Analysis Batch: 39253

Client Sample ID: SVE-1

Prep Type: Total/NA

| Analyte                            | Sample<br>Result | Sample<br>Qualifier | DU<br>Result | DU<br>Qualifier | Unit | D | RPD | Limit |
|------------------------------------|------------------|---------------------|--------------|-----------------|------|---|-----|-------|
| Gasoline Range Organics [C6 - C10] | 880              |                     | 844          |                 | ug/L |   | 5   | 20    |
| Surrogate                          | DU<br>%Recovery  | DU<br>Qualifier     | Limits       |                 |      |   |     |       |
| 4-Bromofluorobenzene (Surr)        | 112              |                     | 39 - 158     |                 |      |   |     |       |

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

Lab Sample ID: MB 885-39251/5

Matrix: Air

Analysis Batch: 39251

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,1,1-Trichloroethane       | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND           |                 | 0.20 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,1,2-Trichloroethane       | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,1-Dichloroethane          | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,1-Dichloroethene          | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,1-Dichloropropene         | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,2,3-Trichlorobenzene      | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,2,3-Trichloropropane      | ND           |                 | 0.20 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,2,4-Trichlorobenzene      | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,2,4-Trimethylbenzene      | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND           |                 | 0.20 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,2-Dibromoethane (EDB)     | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,2-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |

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## QC Sample Results

Client: Hilcorp Energy  
Project/Site: LC Kelly 1E

Job ID: 885-38417-1

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

Lab Sample ID: MB 885-39251/5

Matrix: Air

Analysis Batch: 39251

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                        | MB<br>Result | MB<br>Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|--------------|-----------------|------|------|---|----------|----------------|---------|
| 1,2-Dichloroethane (EDC)       | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,2-Dichloropropane            | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,3,5-Trimethylbenzene         | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,3-Dichlorobenzene            | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,3-Dichloropropane            | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1,4-Dichlorobenzene            | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 1-Methylnaphthalene            | ND           |                 | 0.40 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 2,2-Dichloropropane            | ND           |                 | 0.20 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 2-Butanone                     | ND           |                 | 1.0  | ug/L |   |          | 12/02/25 13:37 | 1       |
| 2-Chlorotoluene                | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 2-Hexanone                     | ND           |                 | 1.0  | ug/L |   |          | 12/02/25 13:37 | 1       |
| 2-Methylnaphthalene            | ND           |                 | 0.40 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 4-Chlorotoluene                | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 4-Isopropyltoluene             | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| 4-Methyl-2-pentanone           | ND           |                 | 1.0  | ug/L |   |          | 12/02/25 13:37 | 1       |
| Acetone                        | ND           |                 | 1.0  | ug/L |   |          | 12/02/25 13:37 | 1       |
| Benzene                        | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Bromobenzene                   | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Bromodichloromethane           | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Dibromochloromethane           | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Bromoform                      | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Bromomethane                   | ND           |                 | 0.30 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Carbon disulfide               | ND           |                 | 1.0  | ug/L |   |          | 12/02/25 13:37 | 1       |
| Carbon tetrachloride           | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Chlorobenzene                  | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Chloroethane                   | ND           |                 | 0.20 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Chloroform                     | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Chloromethane                  | ND           |                 | 0.30 | ug/L |   |          | 12/02/25 13:37 | 1       |
| cis-1,2-Dichloroethene         | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| cis-1,3-Dichloropropene        | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Dibromomethane                 | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Dichlorodifluoromethane        | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Ethylbenzene                   | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Hexachlorobutadiene            | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Isopropylbenzene               | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Methyl-tert-butyl Ether (MTBE) | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Methylene Chloride             | ND           |                 | 0.25 | ug/L |   |          | 12/02/25 13:37 | 1       |
| n-Butylbenzene                 | ND           |                 | 0.30 | ug/L |   |          | 12/02/25 13:37 | 1       |
| N-Propylbenzene                | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Naphthalene                    | ND           |                 | 0.20 | ug/L |   |          | 12/02/25 13:37 | 1       |
| sec-Butylbenzene               | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Styrene                        | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| tert-Butylbenzene              | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Tetrachloroethene (PCE)        | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Toluene                        | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| trans-1,2-Dichloroethene       | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| trans-1,3-Dichloropropene      | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Trichloroethene (TCE)          | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |
| Trichlorofluoromethane         | ND           |                 | 0.10 | ug/L |   |          | 12/02/25 13:37 | 1       |

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## QC Sample Results

Client: Hilcorp Energy  
Project/Site: LC Kelly 1E

Job ID: 885-38417-1

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

Lab Sample ID: MB 885-39251/5

Matrix: Air

Analysis Batch: 39251

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                      | MB Result    | MB Qualifier | RL       | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|------|---|----------|----------------|---------|
| Vinyl chloride               | ND           |              | 0.10     | ug/L |   |          | 12/02/25 13:37 | 1       |
| Xylenes, Total               | ND           |              | 0.15     | ug/L |   |          | 12/02/25 13:37 | 1       |
| Surrogate                    | MB %Recovery | MB Qualifier | Limits   |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 92           |              | 70 - 130 |      |   |          | 12/02/25 13:37 | 1       |
| Toluene-d8 (Surr)            | 97           |              | 70 - 130 |      |   |          | 12/02/25 13:37 | 1       |
| 4-Bromofluorobenzene (Surr)  | 91           |              | 70 - 130 |      |   |          | 12/02/25 13:37 | 1       |
| Dibromofluoromethane (Surr)  | 93           |              | 70 - 130 |      |   |          | 12/02/25 13:37 | 1       |

Lab Sample ID: LCS 885-39251/4

Matrix: Air

Analysis Batch: 39251

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          | 18.0          |               | ug/L |   | 90   | 70 - 130    |
| Benzene                      | 20.0          | 19.4          |               | ug/L |   | 97   | 70 - 130    |
| Chlorobenzene                | 20.0          | 20.4          |               | ug/L |   | 102  | 70 - 130    |
| Toluene                      | 20.0          | 21.3          |               | ug/L |   | 106  | 70 - 130    |
| Trichloroethene (TCE)        | 20.0          | 17.8          |               | ug/L |   | 89   | 70 - 130    |
| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits        |      |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 96            |               | 70 - 130      |      |   |      |             |
| Toluene-d8 (Surr)            | 104           |               | 70 - 130      |      |   |      |             |
| 4-Bromofluorobenzene (Surr)  | 100           |               | 70 - 130      |      |   |      |             |
| Dibromofluoromethane (Surr)  | 98            |               | 70 - 130      |      |   |      |             |

Lab Sample ID: 885-38417-1 DU

Matrix: Air

Analysis Batch: 39251

Client Sample ID: SVE-1

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| 1,1,1,2-Tetrachloroethane   | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,1,1-Trichloroethane       | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,1,2,2-Tetrachloroethane   | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,1,2-Trichloroethane       | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,1-Dichloroethane          | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,1-Dichloroethene          | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,1-Dichloropropene         | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,2,3-Trichlorobenzene      | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,2,3-Trichloropropane      | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,2,4-Trichlorobenzene      | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,2,4-Trimethylbenzene      | 1.1           |                  | 1.01      |              | ug/L |   | 4   | 20        |
| 1,2-Dibromo-3-Chloropropane | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,2-Dibromoethane (EDB)     | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,2-Dichlorobenzene         | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,2-Dichloroethane (EDC)    | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,2-Dichloropropane         | ND            |                  | ND        |              | ug/L |   | NC  | 20        |
| 1,3,5-Trimethylbenzene      | 1.3           |                  | 1.23      |              | ug/L |   | 6   | 20        |

Eurofins Albuquerque

## QC Sample Results

Client: Hilcorp Energy  
Project/Site: LC Kelly 1E

Job ID: 885-38417-1

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

Lab Sample ID: 885-38417-1 DU

Client Sample ID: SVE-1

Matrix: Air

Prep Type: Total/NA

Analysis Batch: 39251

| Analyte                        | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | Limit |
|--------------------------------|---------------|------------------|-----------|--------------|------|---|-----|-------|
| 1,3-Dichlorobenzene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,3-Dichloropropane            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1,4-Dichlorobenzene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 1-Methylnaphthalene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 2,2-Dichloropropane            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 2-Butanone                     | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 2-Chlorotoluene                | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 2-Hexanone                     | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 2-Methylnaphthalene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 4-Chlorotoluene                | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 4-Isopropyltoluene             | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| 4-Methyl-2-pentanone           | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Acetone                        | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Benzene                        | 2.1           |                  | 2.05      |              | ug/L |   | 1   | 20    |
| Bromobenzene                   | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Bromodichloromethane           | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Dibromochloromethane           | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Bromoform                      | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Bromomethane                   | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Carbon disulfide               | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Carbon tetrachloride           | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Chlorobenzene                  | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Chloroethane                   | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Chloroform                     | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Chloromethane                  | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| cis-1,2-Dichloroethene         | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| cis-1,3-Dichloropropene        | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Dibromomethane                 | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Dichlorodifluoromethane        | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Ethylbenzene                   | 1.3           |                  | 1.27      |              | ug/L |   | 1   | 20    |
| Hexachlorobutadiene            | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Isopropylbenzene               | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Methyl-tert-butyl Ether (MTBE) | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Methylene Chloride             | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| n-Butylbenzene                 | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| N-Propylbenzene                | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Naphthalene                    | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| sec-Butylbenzene               | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Styrene                        | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| tert-Butylbenzene              | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Tetrachloroethene (PCE)        | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Toluene                        | 8.5           |                  | 8.13      |              | ug/L |   | 5   | 20    |
| trans-1,2-Dichloroethene       | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| trans-1,3-Dichloropropene      | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Trichloroethene (TCE)          | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Trichlorofluoromethane         | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Vinyl chloride                 | ND            |                  | ND        |              | ug/L |   | NC  | 20    |
| Xylenes, Total                 | 19            |                  | 17.8      |              | ug/L |   | 5   | 20    |

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy  
Project/Site: LC Kelly 1E

Job ID: 885-38417-1

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

Lab Sample ID: 885-38417-1 DU  
Matrix: Air  
Analysis Batch: 39251

Client Sample ID: SVE-1  
Prep Type: Total/NA

|                              | DU        | DU        |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 1,2-Dichloroethane-d4 (Surr) | 83        |           | 70 - 130 |
| Toluene-d8 (Surr)            | 113       |           | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 107       |           | 70 - 130 |
| Dibromofluoromethane (Surr)  | 90        |           | 70 - 130 |

QC Association Summary

Client: Hilcorp Energy  
Project/Site: LC Kelly 1E

Job ID: 885-38417-1

GC/MS VOA

Analysis Batch: 39251

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-38417-1     | SVE-1              | Total/NA  | Air    | 8260B  |            |
| MB 885-39251/5  | Method Blank       | Total/NA  | Air    | 8260B  |            |
| LCS 885-39251/4 | Lab Control Sample | Total/NA  | Air    | 8260B  |            |
| 885-38417-1 DU  | SVE-1              | Total/NA  | Air    | 8260B  |            |

Analysis Batch: 39253

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method  | Prep Batch |
|-----------------|--------------------|-----------|--------|---------|------------|
| 885-38417-1     | SVE-1              | Total/NA  | Air    | 8015M/D |            |
| MB 885-39253/5  | Method Blank       | Total/NA  | Air    | 8015M/D |            |
| LCS 885-39253/4 | Lab Control Sample | Total/NA  | Air    | 8015M/D |            |
| 885-38417-1 DU  | SVE-1              | Total/NA  | Air    | 8015M/D |            |

Lab Chronicle

Client: Hilcorp Energy  
Project/Site: LC Kelly 1E

Job ID: 885-38417-1

Client Sample ID: SVE-1  
Date Collected: 11/25/25 12:00  
Date Received: 11/26/25 06:40

Lab Sample ID: 885-38417-1  
Matrix: Air

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8015M/D      |     | 5               | 39253        | CM      | EET ALB | 12/02/25 14:02       |
| Total/NA  | Analysis   | 8260B        |     | 5               | 39251        | CM      | EET ALB | 12/02/25 14:02       |

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: LC Kelly 1E

Job ID: 885-38417-1

## 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                | 02-25-26        |

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                            |
|-----------------|-------------|--------|------------------------------------|
| 8015M/D         |             | 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: LC Kelly 1E

Job ID: 885-38417-1

## 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                   | 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              | 02-25-26                       |

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                            |
| 8015M/D         |             | 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: LC Kelly 1E

Job ID: 885-38417-1

## 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

December 05, 2025

Eurofins TestAmerica - Albuquerque

4901 Hawkins St NE Ste D

Albuquerque, NM 87109-4372

Work Order: B25120162

Quote ID: B15626

Project Name: L C Kelly 1E 88501698

Energy Laboratories Inc Billings MT received the following 1 sample for Eurofins TestAmerica - Albuquerque on 12/2/2025 for analysis.

| Lab ID        | Client Sample ID    | Collect Date   | Receive Date | Matrix | Test                                                                                                                                                                                |
|---------------|---------------------|----------------|--------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B25120162-001 | SVE-1 (885-38414-1) | 11/25/25 12:00 | 12/02/25     | Air    | Air Correction Calculations<br>Appearance and Comments<br>Calculated Properties<br>GPM @ std cond./1000 cu. ft., moist.<br>Free<br>Natural Gas Analysis<br>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:** L C Kelly 1E 88501698  
**Lab ID:** B25120162-001  
**Client Sample ID:** SVE-1 (885-38414-1)

**Report Date:** 12/05/25  
**Collection Date:** 11/25/25 12:00  
**Date Received:** 12/02/25  
**Matrix:** Air

| Analyses                                  | Result  | Units | Qualifiers | RL    | MCL/<br>QCL | Method      | Analysis Date / By   |
|-------------------------------------------|---------|-------|------------|-------|-------------|-------------|----------------------|
| <b>GAS CHROMATOGRAPHY ANALYSIS REPORT</b> |         |       |            |       |             |             |                      |
| Oxygen                                    | 22.12   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Nitrogen                                  | 77.14   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Carbon Dioxide                            | 0.73    | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Hydrogen Sulfide                          | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Methane                                   | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Ethane                                    | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Propane                                   | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Isobutane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| n-Butane                                  | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Isopentane                                | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| n-Pentane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Hexanes plus                              | 0.01    | Mol % |            | 0.01  |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Propane                                   | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Isobutane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| n-Butane                                  | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Isopentane                                | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| n-Pentane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Hexanes plus                              | 0.004   | gpm   |            | 0.001 |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| GPM Total                                 | 0.004   | gpm   |            | 0.001 |             | GPA 2261-13 | 12/03/25 11:04 / jrj |
| GPM Pentanes plus                         | 0.004   | gpm   |            | 0.001 |             | GPA 2261-13 | 12/03/25 11:04 / jrj |

### CALCULATED PROPERTIES

|                                       |        |  |       |  |             |                      |
|---------------------------------------|--------|--|-------|--|-------------|----------------------|
| Gross BTU per cu ft @ Std Cond. (HHV) | ND     |  | 1     |  | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Net BTU per cu ft @ std cond. (LHV)   | ND     |  | 1     |  | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Pseudo-critical Pressure, psia        | 550    |  | 1     |  | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Pseudo-critical Temperature, deg R    | 241    |  | 1     |  | GPA 2261-13 | 12/03/25 11:04 / jrj |
| Specific Gravity @ 60/60F             | 1.00   |  | 0.001 |  | D3588-17    | 12/03/25 11:04 / jrj |
| Air, %                                | 101.03 |  | 0.01  |  | GPA 2261-13 | 12/03/25 11:04 / jrj |

- The analysis was not corrected for air.

### COMMENTS

|                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |   |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|---|----------------------|
| -                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  | - | 12/03/25 11:04 / jrj |
| - BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.<br>- GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.<br>- To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.<br>- 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: B25120162

Report Date: 12/05/25

| Analyte                          | Count | Result                    | Units | RL   | %REC | Low Limit           | High Limit | RPD | RPDLimit       | Qual |
|----------------------------------|-------|---------------------------|-------|------|------|---------------------|------------|-----|----------------|------|
| <b>Method: GPA 2261-13</b>       |       |                           |       |      |      |                     |            |     | Batch: R454727 |      |
| <b>Lab ID: B25120162-001ADUP</b> | 12    | Sample Duplicate          |       |      |      | Run: GC7890_251203A |            |     | 12/03/25 12:42 |      |
| Oxygen                           |       | 22.5                      | Mol % | 0.01 |      |                     |            | 1.7 | 20             |      |
| Nitrogen                         |       | 76.8                      | Mol % | 0.01 |      |                     |            | 0.5 | 20             |      |
| Carbon Dioxide                   |       | 0.72                      | Mol % | 0.01 |      |                     |            | 1.4 | 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                     |       | 0.01                      | Mol % | 0.01 |      |                     |            | 0.0 | 20             |      |
| <b>Lab ID: LCS120325</b>         | 11    | Laboratory Control Sample |       |      |      | Run: GC7890_251203A |            |     | 12/03/25 16:08 |      |
| Oxygen                           |       | 0.62                      | Mol % | 0.01 | 126  | 70                  | 130        |     |                |      |
| Nitrogen                         |       | 5.98                      | Mol % | 0.01 | 101  | 70                  | 130        |     |                |      |
| Carbon Dioxide                   |       | 0.97                      | Mol % | 0.01 | 97   | 70                  | 130        |     |                |      |
| Methane                          |       | 76.5                      | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| Ethane                           |       | 6.02                      | Mol % | 0.01 | 99   | 70                  | 130        |     |                |      |
| Propane                          |       | 5.04                      | Mol % | 0.01 | 101  | 70                  | 130        |     |                |      |
| Isobutane                        |       | 1.66                      | Mol % | 0.01 | 83   | 70                  | 130        |     |                |      |
| n-Butane                         |       | 2.00                      | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| Isopentane                       |       | 0.49                      | Mol % | 0.01 | 98   | 70                  | 130        |     |                |      |
| n-Pentane                        |       | 0.50                      | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| Hexanes plus                     |       | 0.20                      | Mol % | 0.01 | 97   | 70                  | 130        |     |                |      |
| <b>Lab ID: B25111881-001ADUP</b> | 11    | Sample Duplicate          |       |      |      | Run: GC7890_251203A |            |     | 12/03/25 14:29 |      |
| Nitrogen                         |       | 3.88                      | Mol % | 0.01 |      |                     |            | 0.0 | 20             |      |
| Carbon Dioxide                   |       | 1.05                      | Mol % | 0.01 |      |                     |            | 0.0 | 20             |      |
| Hydrogen Sulfide                 |       | <0.01                     | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Methane                          |       | 78.3                      | Mol % | 0.01 |      |                     |            | 0.2 | 20             |      |
| Ethane                           |       | 7.38                      | Mol % | 0.01 |      |                     |            | 0.9 | 20             |      |
| Propane                          |       | 4.61                      | Mol % | 0.01 |      |                     |            | 0.2 | 20             |      |
| Isobutane                        |       | 0.93                      | Mol % | 0.01 |      |                     |            | 4.2 | 20             |      |
| n-Butane                         |       | 1.87                      | Mol % | 0.01 |      |                     |            | 0.0 | 20             |      |
| Isopentane                       |       | 0.61                      | Mol % | 0.01 |      |                     |            | 1.6 | 20             |      |
| n-Pentane                        |       | 0.58                      | Mol % | 0.01 |      |                     |            | 1.7 | 20             |      |
| Hexanes plus                     |       | 0.81                      | Mol % | 0.01 |      |                     |            | 0.0 | 20             |      |

### Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



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## Work Order Receipt Checklist

Euofins TestAmerica - Albuquerque

B25120162

Login completed by: Danielle N. Lindberg

Date Received: 12/2/2025

Reviewed by: Ibarlage

Received by: DNL

Reviewed Date: 12/5/2025

Carrier name: FedEx NDA

|                                                                                                                                                             |                                         |                                        |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|------------------------------------------------------------|
| Shipping container/cooler in good condition?                                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all shipping container(s)/cooler(s)?                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all sample bottles?                                                                                                                 | Yes <input type="checkbox"/>            | No <input type="checkbox"/>            | Not Present <input checked="" type="checkbox"/>            |
| Chain of custody present?                                                                                                                                   | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Chain of custody signed when relinquished and received?                                                                                                     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Chain of custody agrees with sample labels?                                                                                                                 | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Samples in proper container/bottle?                                                                                                                         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Sample containers intact?                                                                                                                                   | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Sufficient sample volume for indicated test?                                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| All samples received within holding time?<br>(Exclude analyses that are considered field parameters<br>such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Temp Blank received in all shipping container(s)/cooler(s)?                                                                                                 | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> | Not Applicable <input type="checkbox"/>                    |
| Container/Temp Blank temperature:                                                                                                                           | 10.2°C No Ice                           |                                        |                                                            |
| Containers requiring zero headspace have no headspace or<br>bubble that is <6mm (1/4").                                                                     | Yes <input type="checkbox"/>            | No <input type="checkbox"/>            | No VOA vials submitted <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt?                                                                                                                         | Yes <input type="checkbox"/>            | No <input type="checkbox"/>            | Not Applicable <input checked="" type="checkbox"/>         |

### 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](http://www.energylab.com) website:

|                                                                                                                                                                                                   | Agency                               | Number           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------|
| <b>Billings, MT</b><br><br><br> | 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            |
| <b>Casper, WY</b><br><br>                                                                                      | 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            |
| <b>Gillette, WY</b>                                                                                                                                                                               | US EPA Region VIII                   | WY00006          |
| <b>Helena, MT</b>                                                                                                                                                                                 | Colorado                             | MT00945          |
|                                                                                                                                                                                                   | Montana                              | CERT0079         |
|                                                                                                                                                                                                   | Nevada                               | NV-C24-00119     |
|                                                                                                                                                                                                   | US EPA Region VIII                   | Reciprocal       |
|                                                                                                                                                                                                   | USDA Soil Permit                     | P330-20-00090    |

## Eurofins Albuquerque

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

## Chain of Custody Record

 eurofins

## Environment Testing

|                                                                             |  |  |  |                                                                           |  |
|-----------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------|--|
| <b>Client Information (Sub Contract Lab)</b>                                |  |  |  | Carrier Tracking No(s):<br>885-7569.1                                     |  |
| Client Contact:<br>Shipping/Receiving                                       |  |  |  | Lab PM:<br>Garcia, Michelle                                               |  |
| Company:<br>Energy Laboratories, Inc.                                       |  |  |  | State of Origin:<br>New Mexico                                            |  |
| Address:<br>1120 South 27th Street,<br>Billings<br>State, Zip:<br>MT, 59101 |  |  |  | Page:<br>Page 1 of 1                                                      |  |
| Phone:<br>406-252-6325(Tel)                                                 |  |  |  | Job #:<br>885-38417-1                                                     |  |
| Email:<br>N/A                                                               |  |  |  | Preservation Codes:<br>-                                                  |  |
| Project Name:<br>LC Kelly 1E                                                |  |  |  | Accreditations Required (See note):<br>NELAP - Oregon; State - New Mexico |  |
| Site:<br>N/A                                                                |  |  |  | Analysis Requested                                                        |  |
| Due Date Requested:<br>12/5/2025                                            |  |  |  | TAT Requested (days):<br>N/A                                              |  |
| PO #:<br>N/A                                                                |  |  |  | Matrix<br>(W=water, S=solid, O=oil, A=air)<br>Preservation Code:          |  |
| WO #:<br>N/A                                                                |  |  |  | Sample Type<br>(C=Comp, G=grab)<br>G                                      |  |
| Project #:<br>88501698                                                      |  |  |  | Sample Date<br>11/25/25                                                   |  |
| SSOW #:<br>N/A                                                              |  |  |  | Sample Time<br>12:00 Mountain                                             |  |
| Sample Identification - Client ID (Lab ID)<br>SVE-1 (885-38417-1)           |  |  |  | Field Filtered Sample (Yes or No)<br>X                                    |  |
| SUB - Subcontract - Fixed Gases<br>X                                        |  |  |  | Perform MS/MSD (Yes or No)<br>X                                           |  |
| Special Instructions/Note:<br>See Attached Instructions                     |  |  |  | Total Number of Containers<br>1                                           |  |
| Other:<br>N/A                                                               |  |  |  | Special Instructions/Note:<br>See Attached Instructions                   |  |

**Possible Hazard Identification**

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify)

Primary Deliverable Rank: 2

Empty Kit Relinquished by: *[Signature]*

Relinquished by: *[Signature]*

Relinquished by: *[Signature]*

Relinquished by: *[Signature]*

**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)**

☐ Return To Client ☐ Disposal By Lab ☐ Archive For \_\_\_\_\_ Months

Special Instructions/QC Requirements:

Method of Shipment:

Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Company: \_\_\_\_\_

Company: \_\_\_\_\_

Company: \_\_\_\_\_

Note: Since laboratory accreditation is 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 accreditation is current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Custody Seal No.: \_\_\_\_\_

Custody Seals Intact: \_\_\_\_\_

A Yes ☐ No ☐

Comments/Remarks:  
*[Signature]* 1325

**ICOC No:**  
885-7569

**Containers**

Count      Container Type  
1      Tedlar Bag 1L

Preservative  
None

**Subcontract Method Instructions**

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

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



## Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-38417-1

Login Number: 38417

List Source: Eurofins Albuquerque

List Number: 1

Creator: Cason, Cheyenne

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ 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.                                                        | 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 542775

CONDITIONS

|                                                                                    |                                                                       |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Operator:<br><br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br><br>372171                                                  |
|                                                                                    | Action Number:<br><br>542775                                          |
|                                                                                    | Action Type:<br><br>[REPORT] Alternative Remediation Report (C-141AR) |

CONDITIONS

| Created By | Condition                                                                                          | Condition Date |
|------------|----------------------------------------------------------------------------------------------------|----------------|
| nvez       | 1. Continue O&M & sampling as stated in report. 2. Submit next quarterly report by April 15, 2026. | 1/27/2026      |