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April 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: First Quarter 2026 – 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 *First Quarter 2026 –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 January, February, and March of 2026.

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.

FIRST QUARTER 2026 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 first quarter of 2026. 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 the March 9, 2026 O&M visit, 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 first quarter of 2026 O&M visits are presented in Appendix A.

Between startup and January 6, 2026, all Site SVE wells were operated in order to induce flow in impacted soil zones. During the January 6, 2026 O&M visit, the valve to SVE03 was closed to focus extraction efforts on the SVE wells with higher PID readings. Between December 27, 2025 and March 24, 2026, the SVE system operated for 2,042.9 hours for a runtime efficiency of 97.8 percent (%). Appendix B presents photographs of the runtime meter for calculating the first quarter 2026 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 January 6, 2026, 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, 8,548 pounds (4.3 tons) of TVPH have been removed by the system to date. Vapor sampling will continue on a quarterly basis.

DISCUSSION AND RECOMMENDATIONS

O&M visits will be conducted twice per month, and quarterly 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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Attachments:

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
Table 3	Soil Vapor Extraction System Air Analytical Results
Table 4	Soil Vapor Extraction System Mass Removal and Emissions
Graph 1	Oxygen vs Time
Graph 2	Carbon Dioxide vs Time
Appendix A	Field Notes
Appendix B	Project Photographs
Appendix C	Laboratory Analytical Reports

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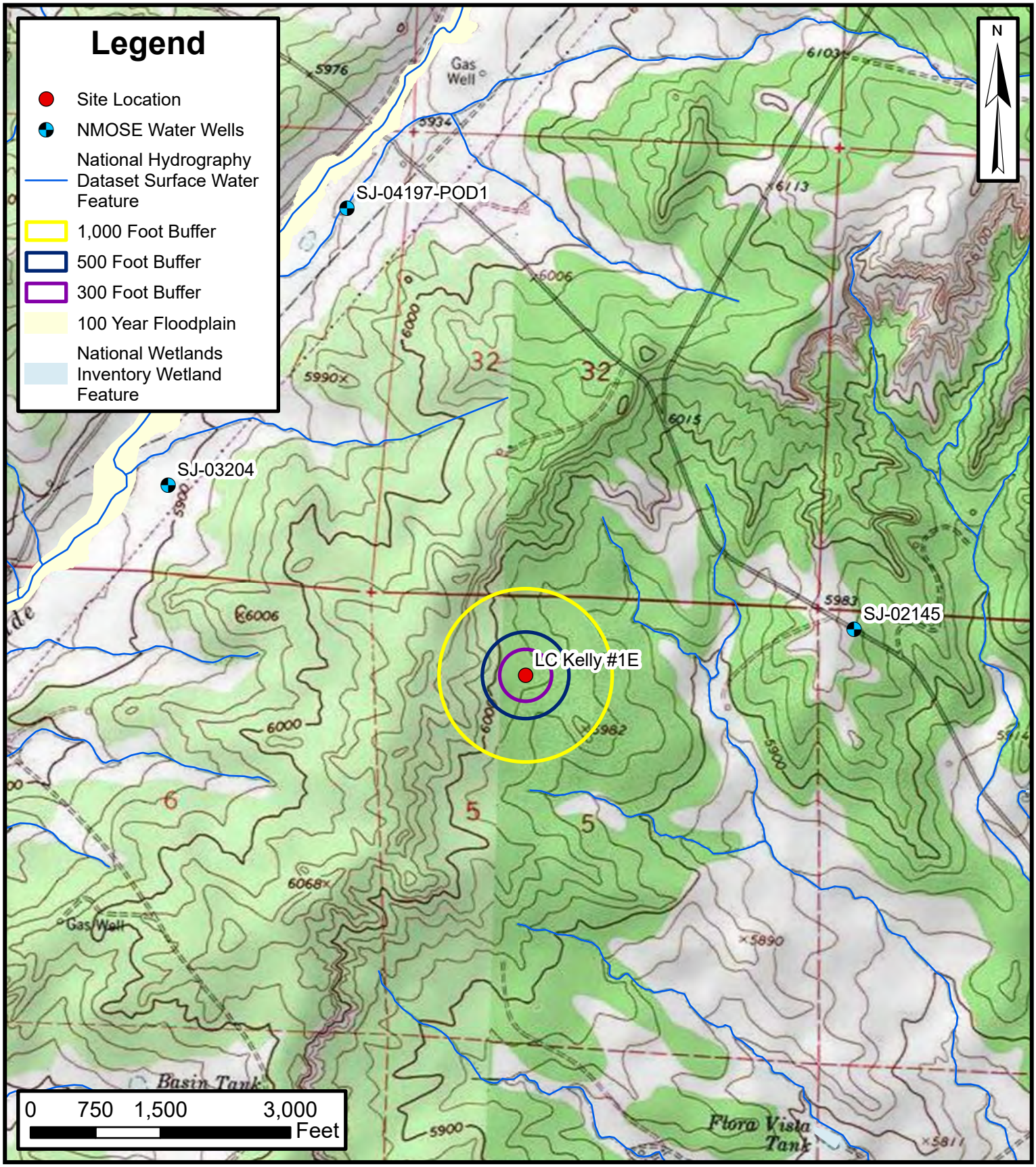
Figures



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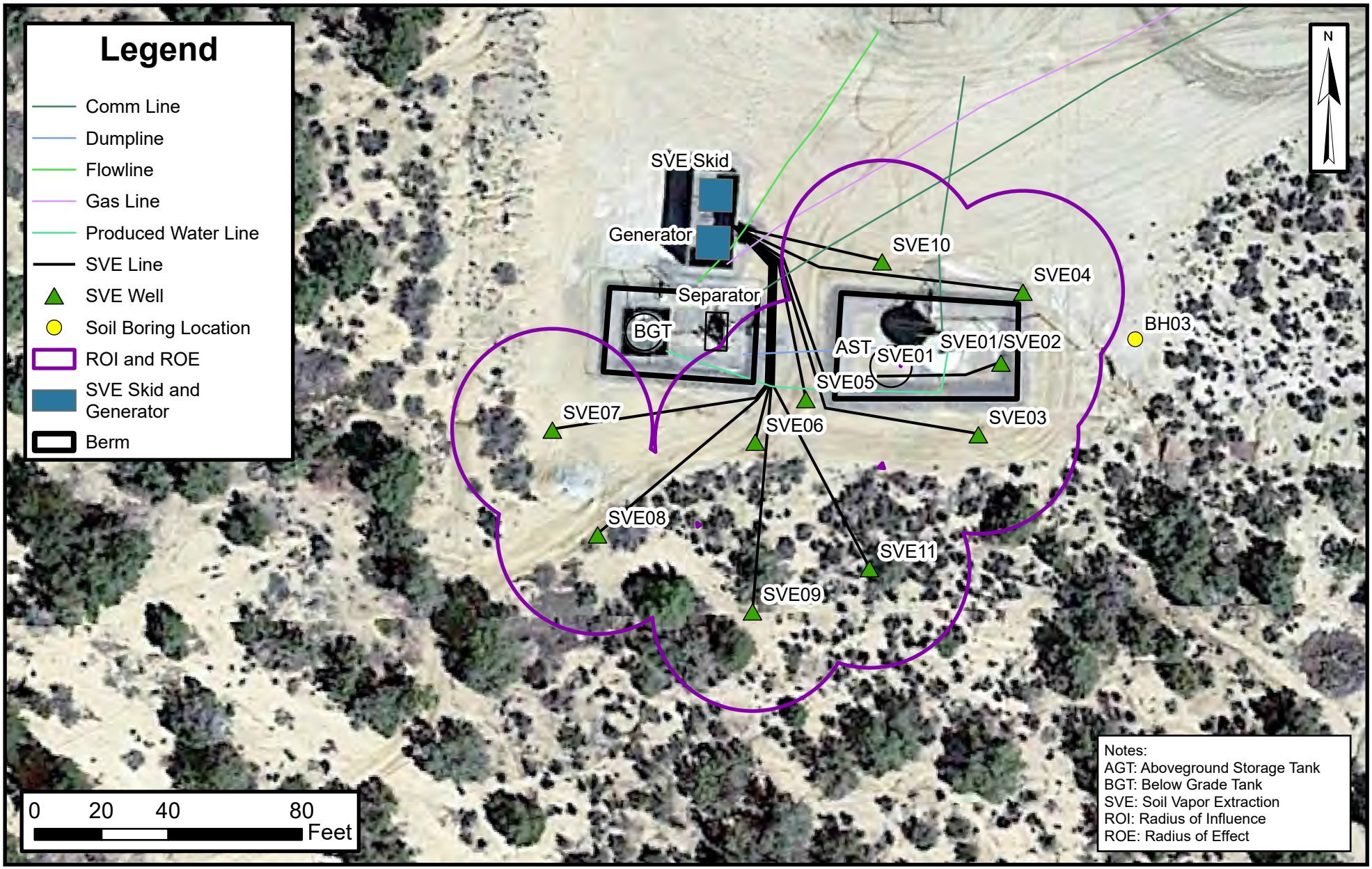
Site Location Map

L C Kelly #1E
Hilcorp Energy Company

36.84600, -108.12450
Unit C, Sec 05, T30N, R12W
San Juan County, New Mexico

FIGURE
1

Sources: Environmental Systems Research Institute (ESRI), National Geographic Society, i-cubed, United States Geologic Survey (USGS), United States Fish and Wildlife Service (USFWS), New Mexico Office of the State Engineer (NMOSE)



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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

Sources: Google Earth

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Tables & Graphs

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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			
12/27/2025	7,973.8	356.4	15	99.0%	93.5%
1/6/2026	8,212.9	239.1	10	99.6%	93.7%
1/22/2026	8,562.5	349.6	16	91.0%	93.6%
2/6/2026	8,923.5	361.0	15	100.3%	93.9%
2/26/2026	9,402.5	479.0	20	99.8%	94.1%
3/9/2026	9,660.4	257.9	11	97.7%	94.2%
3/24/2026	10,016.7	356.3	15	99.0%	94.4%
				1st Qtr 2026 Runtime:	97.8%

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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	--	--
	1/6/2026	108	0.21	160	101.6	78.2	2.8	--	--
	1/22/2026	135	0.26	178	114.3	74.8	2.7	--	--
	2/6/2026	129	0.38	216	141.0	68.0	2.5	--	--
	2/26/2026	127	0.34	204	133.3	68.0	2.5	--	--
	3/9/2026	120	0.28	185	121.0	68.0	2.5	--	--
	3/24/2026	135	0.28	185	121.0	68.0	2.5	--	--
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

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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 (%)
SVE01	1/6/2026	--	--	4	2.6	68.0	2.5	--	--
	1/22/2026	349	--	4	2.6	68.0	2.5	19.1	>1.0
	2/6/2026	311	--	4	2.6	68.0	2.5	19.3	>1.0
	2/26/2026	267	--	4	2.6	64.6	2.3	19.7	>1.0
	3/9/2026	--	--	--	--	--	--	--	--
	3/24/2026	282	--	4	2.6	69.1	2.5	19.5	>1.0
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
	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
	1/6/2026	--	--	46	29.5	74.8	2.7	--	--
	1/22/2026	154	--	23	15.0	68.0	2.5	20.8	0.06
	2/6/2026	128	--	23	15.0	68.0	2.5	20.9	0.06
	2/26/2026	132	--	23	15.2	64.6	2.3	20.9	0.07
	3/9/2026	--	--	--	--	--	--	--	--
	3/24/2026	130	--	23	15.2	65.1	2.3	20.9	0.11
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							

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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 (%)
	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
	1/6/2026	Well Taken Offline							
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
	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
	1/6/2026	193	--	--	--	47.6	1.7	20.2	>1.0
	1/22/2026	162	--	--	--	47.6	1.7	20.7	0.96
	2/6/2026	147	--	--	--	30.6	1.1	20.8	0.89
	2/26/2026	126	--	--	--	20.4	0.7	20.5	0.70
	3/9/2026	--	--	--	--	--	--	--	--
	3/24/2026	139	--	--	--	30.6	1.1	20.7	0.82
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

ENSOLUM

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 (%)
SVE05	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
	1/6/2026	352	--	10	6.9	47.6	1.7	20.2	0.77
	1/22/2026	322	--	12	8.3	47.6	1.7	20.4	>1.0
	2/6/2026	359	--	12	8.3	47.6	1.7	20.1	0.90
	2/26/2026	266	--	14	9.5	54.4	2.0	20.4	0.65
	3/9/2026	--	--	--	--	--	--	--	--
	3/24/2026	294	--	12	7.9	67.4	2.4	20.5	0.56
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	--	--
	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
	1/6/2026	227	--	8	4.9	88.4	3.2	20.2	0.56
	1/22/2026	228	--	10	6.1	88.4	3.2	20.4	0.30
	2/6/2026	272	--	10	6.3	81.6	2.9	20.4	0.55
	2/26/2026	166	--	8	4.6	88.4	3.2	20.2	0.54
	3/9/2026	219	--	--	--	18.0	0.6	20.9	0.46
	3/24/2026	172	--	8	6.0	18.8	0.7	20.5	0.58
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

ENSOLUM

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 (%)
SVE07	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
	1/6/2026	195	--	25	15.7	81.6	2.9	19.4	>1.0
	1/22/2026	181	--	25	16.0	74.8	2.7	19.9	>1.0
	2/6/2026	231	--	14	8.9	78.2	2.8	19.4	>1.0
	2/26/2026	201	--	11	6.9	81.6	2.9	19.4	>1.0
	3/9/2026	220	--	--	--	49.9	1.8	19.4	>1.0
	3/24/2026	193	--	12	8.1	55.2	2.0	19.6	>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	--	--	--	--	--	--	--	--
	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
	1/6/2026	124	--	8	5.4	54.4	2.0	19.1	>1.0
	1/22/2026	144	--	8	5.3	61.2	2.2	19.0	>1.0
	2/6/2026	174	--	7	4.8	61.2	2.2	19.2	>1.0
	2/26/2026	108	--	8	5.0	61.2	2.2	19.1	>1.0
	3/9/2026	140	--	--	--	55.2	2.0	19.0	>1.0
	3/24/2026	109	--	8	5.0	61.2	2.2	19.2	>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

ENSOLUM

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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 (%)
SVE09	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
	1/6/2026	116	--	4	2.6	71.4	2.6	20.7	0.38
	1/22/2026	109	--	4	2.6	74.8	2.7	20.8	0.46
	2/6/2026	88	--	4	2.6	68.0	2.5	20.9	0.22
	2/26/2026	93	--	4	2.7	61.2	2.2	20.9	0.26
	3/9/2026	--	--	--	--	--	--	--	--
	3/24/2026	133	--	4	2.6	69.3	2.5	20.9	0.33
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							
	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
	1/6/2026	278	--	4	2.6	74.8	2.7	19.7	>1.0
	1/22/2026	252	--	4	2.5	81.6	2.9	19.9	>1.0
	2/6/2026	319	--	4	2.5	81.6	2.9	19.2	>1.0
	2/26/2026	214	--	4	2.5	85.0	3.1	19.9	>1.0
	3/9/2026	--	--	--	--	--	--	--	--
	3/24/2026	328	--	4	2.6	66.7	2.4	19.4	>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

ENSOLUM

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 (%)
SVE11	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
	1/6/2026	--	--	4	2.5	88.4	3.2	--	--
	1/22/2026	214	--	4	2.5	88.4	3.2	20.9	0.33
	2/6/2026	146	--	8	4.9	88.4	3.2	20.9	0.36
	2/26/2026	92	--	10	6.1	88.4	3.2	20.9	0.25
	3/9/2026	--	--	--	--	--	--	--	--
	3/24/2026	117	--	10	6.8	52.8	1.9	20.9	0.20

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

ENSOLUM

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

Date	PID (ppm)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TVPH/GRO (µg/L)	Oxygen (%)	Carbon Dioxide (%)
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%
1/6/2026	107.9	1.6	5.8	1.1	19	570	21.38%	0.53%

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

ENSOLUM

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
1/6/2026	107.9	1.6	6	1.1	19	570
Average	415	63	79	8	76	9,078

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	System Startup						
1/7/2025 [(1)]	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
1/6/2026	102	5,827,166	5,827,166	0.001	0.00	0.0005	0.007	0.28
			Average	0.026	0.038	0.0041	0.036	3.80

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	System Startup						
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
1/6/2026	8,212.9	956	0.7	3	0.4	7	263	0.13
		Total Mass Recovery to Date	38	110	16	171	8,548	4.3

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

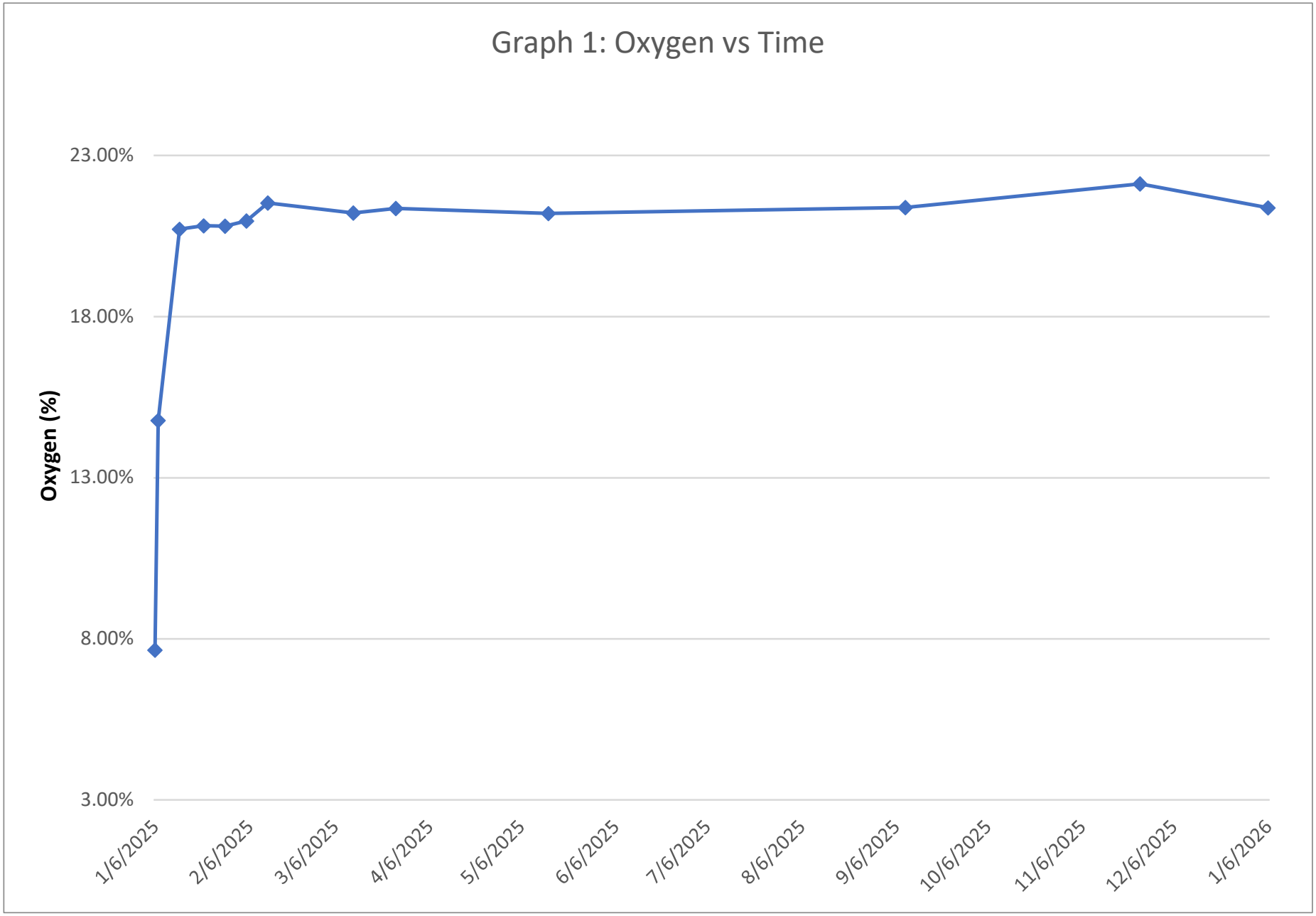
PID: photoionization detector

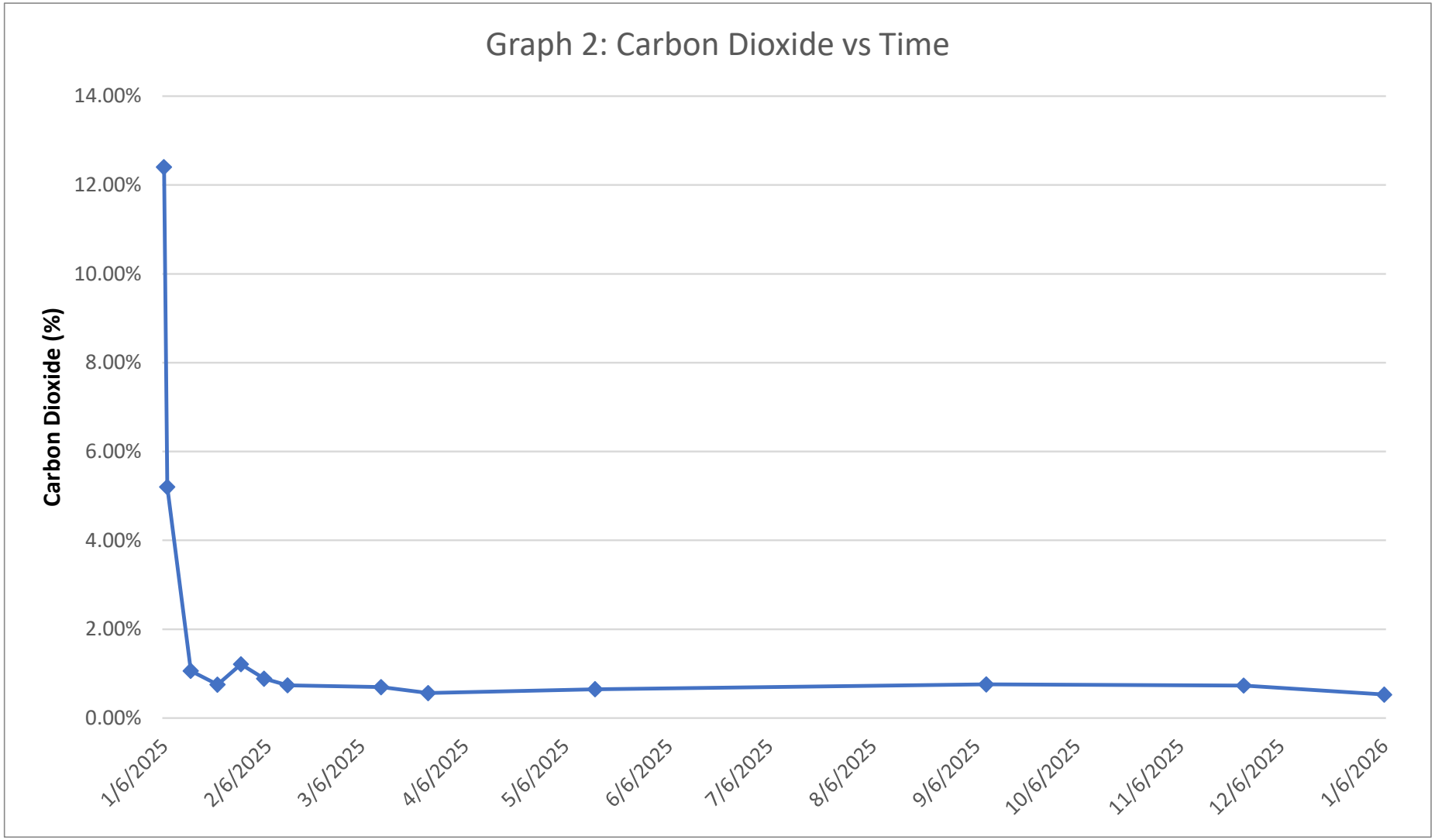
ppm: parts per million

TVPH: total volatile petroleum hydrocarbons

--: not measured

gray: laboratory reporting limit used for calculating emissions





ENSOLUM

APPENDIX A

Field Notes

ENSOLUM

LC KELLY #1E SVE SYSTEM
O&M FORM

DATE: 1-6
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)**	8212.9	1141
Inlet Vacuum (IHG)	5.25	
Differential Pressure (IWC)	0.21	
Inlet PID	107.9	
Exhaust PID	267.2	
Inlet Temperature		
K/O Tank Liquid Level		
K/O Liquid Drained (gallons)		

SVE SYSTEM SAMPLING

SAMPLE ID:	SVE-1 **SAMPLE TIME:** 1200
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			5.0 / 5.5	4 / 4		
~~SVE03~~			–	–		
SVE04		193.3	3.5	opaque	20.2	*
SVE05	54.3	352.1	3.5	10	20.2	>700
SVE06	19.43	226.9	6.5	8	20.2	5560
SVE07	52.9	194.7	6.0	25	19.4	*
SVE08	53.2	124.0	4.0	8	19.1	*
SVE09	69.6	115.9	5.25	4	20.7	3780
SVE10	53.1	278.3	5.5	4	19.7	*
SVE11			6.5	4		

COMMENTS/OTHER MAINTENANCE:

closed SVE03
partially closed SVE07 & SVE10
sight tube on KO tank cracked

system shut down during O&M visit, came back online later, unknown

ENSOLUM

LC KELLY #1E SVE SYSTEM
O&M FORM

DATE: 1-22
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)**	8562.5	1116
Inlet Vacuum (IHG)	5.5	
Differential Pressure (IWC)	0.26	
Inlet PID	135.2	
Exhaust PID	210.1	
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	43.7	349.1	5.0	4	14.1	X
SVE02	54.1	154.4	5.0	23	20.8	600
~~SVE03~~	—	—	—	—	—	—
SVE04	51.8	161.7	3.5	opaque 12	20.7	9560
SVE05	52.1	321.8	3.5		20.4	X
SVE06	17.96	228.1	6.5	10	20.4	3040
SVE07	43.0	180.7	5.5	25	19.9	X
SVE08	45.1	143.6	4.5	8	19.0	X
SVE09	60.4	109.1	5.5	4	20.8	4580
SVE10	49.3	251.7	6.0	4	19.9	X
SVE11	43.3	213.6	6.5	4	20.9	3260

COMMENTS/OTHER MAINTENANCE:

ENSOLUM

LC KELLY #1E SVE SYSTEM
O&M FORM

DATE: 2-6
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)**	8923.5	1214
Inlet Vacuum (IHG)	5.0	
Differential Pressure (IWC)	0.38	
Inlet PID	129.3	
Exhaust PID	232.1	
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	46.9	311.3	5.0	4	19.3	*
SVE02	53.6	127.5	5.0	23	20.9	580
~~SVE03~~	—	—	—	—	—	—
SVE04	49.5	146.8	2.25	opaque	20.8	8820
SVE05	48.1	359.3	3.5	12	20.1	9040
SVE06	17.76	272.1	6.0	10	20.4	5480
SVE07	37.4	231.1	5.75	14	19.4	*
SVE08	44.3	173.7	4.5	7.25	19.2	*
SVE09	61.4	88.3	5.0	4	20.9	2240
SVE10	40.0	319.3	6.0	4	19.2	*
SVE11	38.7	146.4	6.5	8	20.9	3580

COMMENTS/OTHER MAINTENANCE:

ENSOLUM

LC KELLY #1E SVE SYSTEM
O&M FORM

DATE: 2-26
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)**	9402.5	1153
Inlet Vacuum (IHG)	5.0	
Differential Pressure (IWC)	0.34	
Inlet PID	126.9	
Exhaust PID	202.6	
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	70.4	267.2	4.75	4	19.7	*
SVE02	64.9	132.1	4.75	2.3	20.9	>40
~~SVE03~~	—	—	—	—	—	—
SVE04	58.9	125.5	1.5	opaque	20.5	7000
SVE05	62.1	266.1	4.0	14	20.4	6500
SVE06	18.88	166.1	6.5	7.5	20.2	5440
SVE07	53.4	200.7	6.0	11	19.4	*
SVE08	54.3	107.6	4.5	7.5	19.1	*
SVE09	61.6	92.9	4.5	4	20.9	2380
SVE10	65.4	214.3	6.25	4	19.9	*
SVE11	52.1	91.9	6.5	10	20.9	2520

COMMENTS/OTHER MAINTENANCE:

SVE04 sight tube damaged; repaired with tape, but likely needs replacement (PRM Filtration # FMDFG4050)

ENSOLUM

LC KELLY #1E SVE SYSTEM
O&M FORM

DATE: 3-9
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	✓
QUARTERLY MAINTENANCE:	Blower Oil Change	

SVE SYSTEM	READING	TIME
Blower Hours **(take photo)**	9660.4	1234
Inlet Vacuum (IHG)	5.0	
Differential Pressure (IWC)	0.25	
Inlet PID	119.5	
Exhaust PID	184.2	
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						
SVE02						
~~SVE03~~	—	—			—	—
SVE04						
SVE05						
SVE06	17.96	218.9			20.9	4640
SVE07	49.9	220.2			19.4	*
SVE08	55.2	139.6			19.0	*
SVE09						
SVE10						
SVE11						

COMMENTS/OTHER MAINTENANCE:

Left early due to several CO alarms

ENSOLUM

LC KELLY #1E SVE SYSTEM
O&M FORM

DATE: 3-24
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)**	10016.7	1136
Inlet Vacuum (IHG)	5.0	
Differential Pressure (IWC)	0.28	
Inlet PID	134.7	
Exhaust PID	208.3	
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	69.1	281.7	4.75	4	19.5	X
SVE02	65.1	129.8	5.0	23	20.9	1140
~~SVE03~~	—	—	—	—	—	—
SVE04	60.3	138.5	2.25	opaque	20.7	8240
SVE05	67.4	293.6	3.5	12	20.5	5640
SVE06	18.86	172.3	6.0	8	20.5	3760
SVE07	55.2	193.0	6.25	12	19.6	X
SVE08	61.2	108.7	5.0	7.5	19.2	X
SVE09	69.3	132.6	4.5	4	20.9	3300
SVE10	66.7	327.7	6.5	4	19.4	X
SVE11	52.8	117.4	6.5	10	20.9	1980

COMMENTS/OTHER MAINTENANCE:

ENSOLUM

APPENDIX B

Project Photographs

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

Photograph 1 Runtime meter taken on December 27, 2025 at 10:58 AM Hours = 7,973.8	
Photograph 2 Runtime meter taken on March 24, 2026 at 11:36 AM Hours = 10,016.7	

Ensolum, LLC | Environmental & Hydrogeologic Consultants
Durango, Colorado | info@ensolum.com

ENSOLUM

APPENDIX C

Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/27/2026 12:38:09 PM

JOB DESCRIPTION

LC Kelly 1E

JOB NUMBER

885-40959-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

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1/27/2026 12:38:09 PM

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

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

Laboratory Job ID: 885-40959-1

Table of Contents

Definitions/Glossary

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

Job ID: 885-40959-1

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: 885-40959-1

Job ID: 885-40959-1 Eurofins Albuquerque

Job Narrative
885-40959-1

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 1/8/2026 3:49 PM. 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
Method 8260B: The continuing calibration verification (CCV) associated with batch 885-41173 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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: 885-40959-1

Client Sample ID: SVE-1

Lab Sample ID: 885-40959-1

Date Collected: 01/06/26 12:00
Matrix: Air
Date Received: 01/08/26 15:49
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]	570		10		ug/L			01/12/26 17:56	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*39 - 158*		*01/12/26 17:56*	*2*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.20		ug/L			01/12/26 17:56	2
1,1,1-Trichloroethane	ND		0.20		ug/L			01/12/26 17:56	2
1,1,2,2-Tetrachloroethane	ND		0.40		ug/L			01/12/26 17:56	2
1,1,2-Trichloroethane	ND		0.20		ug/L			01/12/26 17:56	2
1,1-Dichloroethane	ND		0.20		ug/L			01/12/26 17:56	2
1,1-Dichloroethene	ND		0.20		ug/L			01/12/26 17:56	2
1,1-Dichloropropene	ND		0.20		ug/L			01/12/26 17:56	2
1,2,3-Trichlorobenzene	ND		0.20		ug/L			01/12/26 17:56	2
1,2,3-Trichloropropane	ND		0.40		ug/L			01/12/26 17:56	2
1,2,4-Trichlorobenzene	ND		0.20		ug/L			01/12/26 17:56	2
1,2,4-Trimethylbenzene	1.4		0.20		ug/L			01/12/26 17:56	2
1,2-Dibromo-3-Chloropropane	ND		0.40		ug/L			01/12/26 17:56	2
1,2-Dibromoethane (EDB)	ND		0.20		ug/L			01/12/26 17:56	2
1,2-Dichlorobenzene	ND		0.20		ug/L			01/12/26 17:56	2
1,2-Dichloroethane (EDC)	ND		0.20		ug/L			01/12/26 17:56	2
1,2-Dichloropropane	ND		0.20		ug/L			01/12/26 17:56	2
1,3,5-Trimethylbenzene	1.5		0.20		ug/L			01/12/26 17:56	2
1,3-Dichlorobenzene	ND		0.20		ug/L			01/12/26 17:56	2
1,3-Dichloropropane	ND		0.20		ug/L			01/12/26 17:56	2
1,4-Dichlorobenzene	ND		0.20		ug/L			01/12/26 17:56	2
1-Methylnaphthalene	ND		0.80		ug/L			01/12/26 17:56	2
2,2-Dichloropropane	ND		0.40		ug/L			01/12/26 17:56	2
2-Butanone	ND		2.0		ug/L			01/12/26 17:56	2
2-Chlorotoluene	ND		0.20		ug/L			01/12/26 17:56	2
2-Hexanone	ND		2.0		ug/L			01/12/26 17:56	2
2-Methylnaphthalene	ND		0.80		ug/L			01/12/26 17:56	2
4-Chlorotoluene	ND		0.20		ug/L			01/12/26 17:56	2
4-Isopropyltoluene	ND		0.20		ug/L			01/12/26 17:56	2
4-Methyl-2-pentanone	ND		2.0		ug/L			01/12/26 17:56	2
Acetone	ND		2.0		ug/L			01/12/26 17:56	2
Benzene	1.6		0.20		ug/L			01/12/26 17:56	2
Bromobenzene	ND		0.20		ug/L			01/12/26 17:56	2
Bromodichloromethane	ND		0.20		ug/L			01/12/26 17:56	2
Dibromochloromethane	ND		0.20		ug/L			01/12/26 17:56	2
Bromoform	ND		0.20		ug/L			01/12/26 17:56	2
Bromomethane	ND		0.60		ug/L			01/12/26 17:56	2
Carbon disulfide	ND		2.0		ug/L			01/12/26 17:56	2
Carbon tetrachloride	ND		0.20		ug/L			01/12/26 17:56	2
Chlorobenzene	ND		0.20		ug/L			01/12/26 17:56	2
Chloroethane	ND		0.40		ug/L			01/12/26 17:56	2
Chloroform	ND		0.20		ug/L			01/12/26 17:56	2

Client Sample Results

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

Job ID: 885-40959-1

Client Sample ID: SVE-1

Lab Sample ID: 885-40959-1

Date Collected: 01/06/26 12:00
Matrix: Air
Date Received: 01/08/26 15:49
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		0.60		ug/L			01/12/26 17:56	2
cis-1,2-Dichloroethene	ND		0.20		ug/L			01/12/26 17:56	2
cis-1,3-Dichloropropene	ND		0.20		ug/L			01/12/26 17:56	2
Dibromomethane	ND		0.20		ug/L			01/12/26 17:56	2
Dichlorodifluoromethane	ND		0.20		ug/L			01/12/26 17:56	2
Ethylbenzene	**1.1**		0.20		ug/L			01/12/26 17:56	2
Hexachlorobutadiene	ND		0.20		ug/L			01/12/26 17:56	2
Isopropylbenzene	**0.29**		0.20		ug/L			01/12/26 17:56	2
Methyl-tert-butyl Ether (MTBE)	ND		0.20		ug/L			01/12/26 17:56	2
Methylene Chloride	ND		0.50		ug/L			01/12/26 17:56	2
n-Butylbenzene	ND		0.60		ug/L			01/12/26 17:56	2
N-Propylbenzene	**0.26**		0.20		ug/L			01/12/26 17:56	2
Naphthalene	ND		0.40		ug/L			01/12/26 17:56	2
sec-Butylbenzene	ND		0.20		ug/L			01/12/26 17:56	2
Styrene	ND		0.20		ug/L			01/12/26 17:56	2
tert-Butylbenzene	ND		0.20		ug/L			01/12/26 17:56	2
Tetrachloroethene (PCE)	ND		0.20		ug/L			01/12/26 17:56	2
Toluene	**5.8**		0.20		ug/L			01/12/26 17:56	2
trans-1,2-Dichloroethene	ND		0.20		ug/L			01/12/26 17:56	2
trans-1,3-Dichloropropene	ND		0.20		ug/L			01/12/26 17:56	2
Trichloroethene (TCE)	ND		0.20		ug/L			01/12/26 17:56	2
Trichlorofluoromethane	ND		0.20		ug/L			01/12/26 17:56	2
Vinyl chloride	ND		0.20		ug/L			01/12/26 17:56	2
Xylenes, Total	**19**		0.30		ug/L			01/12/26 17:56	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*01/12/26 17:56*	*2*
Toluene-d8 (Surr)	*118*		*70 - 130*		*01/12/26 17:56*	*2*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*		*01/12/26 17:56*	*2*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*01/12/26 17:56*	*2*

QC Sample Results

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

Job ID: 885-40959-1

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

Lab Sample ID: MB 885-41171/5
Matrix: Air
Analysis Batch: 41171

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		ug/L			01/12/26 13:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*39 - 158*		*01/12/26 13:20*	*1*

Lab Sample ID: LCS 885-41171/4
Matrix: Air
Analysis Batch: 41171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			500	545		ug/L		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*39 - 158*

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

Lab Sample ID: MB 885-41173/4
Matrix: Air
Analysis Batch: 41173

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.10		ug/L			01/12/26 13:20	1
1,1,1-Trichloroethane	ND		0.10		ug/L			01/12/26 13:20	1
1,1,2,2-Tetrachloroethane	ND		0.20		ug/L			01/12/26 13:20	1
1,1,2-Trichloroethane	ND		0.10		ug/L			01/12/26 13:20	1
1,1-Dichloroethane	ND		0.10		ug/L			01/12/26 13:20	1
1,1-Dichloroethene	ND		0.10		ug/L			01/12/26 13:20	1
1,1-Dichloropropene	ND		0.10		ug/L			01/12/26 13:20	1
1,2,3-Trichlorobenzene	ND		0.10		ug/L			01/12/26 13:20	1
1,2,3-Trichloropropane	ND		0.20		ug/L			01/12/26 13:20	1
1,2,4-Trichlorobenzene	ND		0.10		ug/L			01/12/26 13:20	1
1,2,4-Trimethylbenzene	ND		0.10		ug/L			01/12/26 13:20	1
1,2-Dibromo-3-Chloropropane	ND		0.20		ug/L			01/12/26 13:20	1
1,2-Dibromoethane (EDB)	ND		0.10		ug/L			01/12/26 13:20	1
1,2-Dichlorobenzene	ND		0.10		ug/L			01/12/26 13:20	1
1,2-Dichloroethane (EDC)	ND		0.10		ug/L			01/12/26 13:20	1
1,2-Dichloropropane	ND		0.10		ug/L			01/12/26 13:20	1
1,3,5-Trimethylbenzene	ND		0.10		ug/L			01/12/26 13:20	1
1,3-Dichlorobenzene	ND		0.10		ug/L			01/12/26 13:20	1
1,3-Dichloropropane	ND		0.10		ug/L			01/12/26 13:20	1
1,4-Dichlorobenzene	ND		0.10		ug/L			01/12/26 13:20	1
1-Methylnaphthalene	ND		0.40		ug/L			01/12/26 13:20	1
2,2-Dichloropropane	ND		0.20		ug/L			01/12/26 13:20	1
2-Butanone	ND		1.0		ug/L			01/12/26 13:20	1
2-Chlorotoluene	ND		0.10		ug/L			01/12/26 13:20	1
2-Hexanone	ND		1.0		ug/L			01/12/26 13:20	1

QC Sample Results

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

Job ID: 885-40959-1

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

Lab Sample ID: MB 885-41173/4
Matrix: Air
Analysis Batch: 41173

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		0.40		ug/L			01/12/26 13:20	1
4-Chlorotoluene	ND		0.10		ug/L			01/12/26 13:20	1
4-Isopropyltoluene	ND		0.10		ug/L			01/12/26 13:20	1
4-Methyl-2-pentanone	ND		1.0		ug/L			01/12/26 13:20	1
Acetone	ND		1.0		ug/L			01/12/26 13:20	1
Benzene	ND		0.10		ug/L			01/12/26 13:20	1
Bromobenzene	ND		0.10		ug/L			01/12/26 13:20	1
Bromodichloromethane	ND		0.10		ug/L			01/12/26 13:20	1
Dibromochloromethane	ND		0.10		ug/L			01/12/26 13:20	1
Bromoform	ND		0.10		ug/L			01/12/26 13:20	1
Bromomethane	ND		0.30		ug/L			01/12/26 13:20	1
Carbon disulfide	ND		1.0		ug/L			01/12/26 13:20	1
Carbon tetrachloride	ND		0.10		ug/L			01/12/26 13:20	1
Chlorobenzene	ND		0.10		ug/L			01/12/26 13:20	1
Chloroethane	ND		0.20		ug/L			01/12/26 13:20	1
Chloroform	ND		0.10		ug/L			01/12/26 13:20	1
Chloromethane	ND		0.30		ug/L			01/12/26 13:20	1
cis-1,2-Dichloroethene	ND		0.10		ug/L			01/12/26 13:20	1
cis-1,3-Dichloropropene	ND		0.10		ug/L			01/12/26 13:20	1
Dibromomethane	ND		0.10		ug/L			01/12/26 13:20	1
Dichlorodifluoromethane	ND		0.10		ug/L			01/12/26 13:20	1
Ethylbenzene	ND		0.10		ug/L			01/12/26 13:20	1
Hexachlorobutadiene	ND		0.10		ug/L			01/12/26 13:20	1
Isopropylbenzene	ND		0.10		ug/L			01/12/26 13:20	1
Methyl-tert-butyl Ether (MTBE)	ND		0.10		ug/L			01/12/26 13:20	1
Methylene Chloride	ND		0.25		ug/L			01/12/26 13:20	1
n-Butylbenzene	ND		0.30		ug/L			01/12/26 13:20	1
N-Propylbenzene	ND		0.10		ug/L			01/12/26 13:20	1
Naphthalene	ND		0.20		ug/L			01/12/26 13:20	1
sec-Butylbenzene	ND		0.10		ug/L			01/12/26 13:20	1
Styrene	ND		0.10		ug/L			01/12/26 13:20	1
tert-Butylbenzene	ND		0.10		ug/L			01/12/26 13:20	1
Tetrachloroethene (PCE)	ND		0.10		ug/L			01/12/26 13:20	1
Toluene	ND		0.10		ug/L			01/12/26 13:20	1
trans-1,2-Dichloroethene	ND		0.10		ug/L			01/12/26 13:20	1
trans-1,3-Dichloropropene	ND		0.10		ug/L			01/12/26 13:20	1
Trichloroethene (TCE)	ND		0.10		ug/L			01/12/26 13:20	1
Trichlorofluoromethane	ND		0.10		ug/L			01/12/26 13:20	1
Vinyl chloride	ND		0.10		ug/L			01/12/26 13:20	1
Xylenes, Total	ND		0.15		ug/L			01/12/26 13:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*01/12/26 13:20*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*01/12/26 13:20*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*01/12/26 13:20*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*01/12/26 13:20*	*1*

QC Sample Results

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

Job ID: 885-40959-1

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

Lab Sample ID: LCS 885-41173/3
Matrix: Air
Analysis Batch: 41173

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	18.5		ug/L		92	70 - 130		
Benzene			20.0	21.4		ug/L		107	70 - 130		
Chlorobenzene			20.0	21.2		ug/L		106	70 - 130		
Toluene			20.0	20.9		ug/L		104	70 - 130		
Trichloroethene (TCE)			20.0	19.9		ug/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*

QC Association Summary

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

Job ID: 885-40959-1

GC/MS VOA

Analysis Batch: 41171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40959-1	SVE-1	Total/NA	Air	8015M/D	
MB 885-41171/5	Method Blank	Total/NA	Air	8015M/D	
LCS 885-41171/4	Lab Control Sample	Total/NA	Air	8015M/D	

Analysis Batch: 41173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40959-1	SVE-1	Total/NA	Air	8260B	
MB 885-41173/4	Method Blank	Total/NA	Air	8260B	
LCS 885-41173/3	Lab Control Sample	Total/NA	Air	8260B	

Lab Chronicle

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

Job ID: 885-40959-1

Client Sample ID: SVE-1
Date Collected: 01/06/26 12:00
Date Received: 01/08/26 15:49

Lab Sample ID: 885-40959-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015M/D		2	41171	CM	EET ALB	01/12/26 17:56
Total/NA	Analysis	8260B		2	41173	CM	EET ALB	01/12/26 17:56

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: 885-40959-1

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

Accreditation/Certification Summary

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

Job ID: 885-40959-1

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

Accreditation/Certification Summary

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

Job ID: 885-40959-1

Laboratory: Eurofins Albuquerque (Continued)

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

Authority	Program	Identification Number	Expiration Date

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

Analysis Method	Prep Method	Matrix	Analyte
8260B		Air	1-Methylnaphthalene
8260B		Air	2,2-Dichloropropane
8260B		Air	2-Butanone
8260B		Air	2-Chlorotoluene
8260B		Air	2-Hexanone
8260B		Air	2-Methylnaphthalene
8260B		Air	4-Chlorotoluene
8260B		Air	4-Isopropyltoluene
8260B		Air	4-Methyl-2-pentanone
8260B		Air	Acetone
8260B		Air	Benzene
8260B		Air	Bromobenzene
8260B		Air	Bromodichloromethane
8260B		Air	Bromoform
8260B		Air	Bromomethane
8260B		Air	Carbon disulfide
8260B		Air	Carbon tetrachloride
8260B		Air	Chlorobenzene
8260B		Air	Chloroethane
8260B		Air	Chloroform
8260B		Air	Chloromethane
8260B		Air	cis-1,2-Dichloroethene
8260B		Air	cis-1,3-Dichloropropene
8260B		Air	Dibromochloromethane
8260B		Air	Dibromomethane
8260B		Air	Dichlorodifluoromethane
8260B		Air	Ethylbenzene
8260B		Air	Hexachlorobutadiene
8260B		Air	Isopropylbenzene
8260B		Air	Methylene Chloride
8260B		Air	Methyl-tert-butyl Ether (MTBE)
8260B		Air	Naphthalene
8260B		Air	n-Butylbenzene
8260B		Air	N-Propylbenzene
8260B		Air	sec-Butylbenzene
8260B		Air	Styrene
8260B		Air	tert-Butylbenzene
8260B		Air	Tetrachloroethene (PCE)
8260B		Air	Toluene
8260B		Air	trans-1,2-Dichloroethene
8260B		Air	trans-1,3-Dichloropropene
8260B		Air	Trichloroethene (TCE)
8260B		Air	Trichlorofluoromethane
8260B		Air	Vinyl chloride
8260B		Air	Xylenes, Total

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ANALYTICAL SUMMARY REPORT

January 26, 2026

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

Work Order: B26011001 Quote ID: B15626

Project Name: LC Kelly 1E 88501698

Energy Laboratories Inc Billings MT received the following 1 sample for Eurofins TestAmerica - Albuquerque on 1/16/2026 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B26011001-001	SVE-1	01/06/26 12:00	01/16/26	Air	Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60

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

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

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

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

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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Eurofins TestAmerica - Albuquerque
Project: LC Kelly 1E 88501698
Lab ID: B26011001-001
Client Sample ID: SVE-1

Report Date: 01/26/26
Collection Date: 01/06/26 12:00
DateReceived: 01/16/26
Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
GAS CHROMATOGRAPHY ANALYSIS REPORT							
Oxygen	21.38	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
Nitrogen	78.08	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
Carbon Dioxide	0.53	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
Hydrogen Sulfide	<0.01	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
Methane	<0.01	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
Ethane	<0.01	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
Propane	<0.01	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
Isobutane	<0.01	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
n-Butane	<0.01	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
Isopentane	<0.01	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
n-Pentane	<0.01	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
Hexanes plus	0.01	Mol %		0.01		GPA 2261-13	01/19/26 10:05 / jrj
Propane	< 0.001	gpm		0.001		GPA 2261-13	01/19/26 10:05 / jrj
Isobutane	< 0.001	gpm		0.001		GPA 2261-13	01/19/26 10:05 / jrj
n-Butane	< 0.001	gpm		0.001		GPA 2261-13	01/19/26 10:05 / jrj
Isopentane	< 0.001	gpm		0.001		GPA 2261-13	01/19/26 10:05 / jrj
n-Pentane	< 0.001	gpm		0.001		GPA 2261-13	01/19/26 10:05 / jrj
Hexanes plus	0.004	gpm		0.001		GPA 2261-13	01/19/26 10:05 / jrj
GPM Total	0.004	gpm		0.001		GPA 2261-13	01/19/26 10:05 / jrj
GPM Pentanes plus	0.004	gpm		0.001		GPA 2261-13	01/19/26 10:05 / jrj
CALCULATED PROPERTIES							
Gross BTU per cu ft @ Std Cond. (HHV)	ND			1		GPA 2261-13	01/19/26 10:05 / jrj
Net BTU per cu ft @ std cond. (LHV)	ND			1		GPA 2261-13	01/19/26 10:05 / jrj
Pseudo-critical Pressure, psia	547			1		GPA 2261-13	01/19/26 10:05 / jrj
Pseudo-critical Temperature, deg R	240			1		GPA 2261-13	01/19/26 10:05 / jrj
Specific Gravity @ 60/60F	1.00			0.001		D3588-17	01/19/26 10:05 / jrj
Air, %	97.67			0.01		GPA 2261-13	01/19/26 10:05 / jrj
- The analysis was not corrected for air.							
COMMENTS							
-						-	01/19/26 10:05 / jrj

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

Report Definitions:
RL - Analyte Reporting Limit
MCL - Maximum Contaminant Level
QCL - Quality Control Limit
ND - Not detected at the Reporting Limit (RL)

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QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B26011001 **Report Date:** 01/26/26

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: GPA 2261-13										Batch: R456780
Lab ID: LCS011926	11	Laboratory Control Sample				Run: GC7890_260119A				01/19/26 12:33
Oxygen		0.60	Mol %	0.01	122	70	130			
Nitrogen		6.36	Mol %	0.01	108	70	130			
Carbon Dioxide		0.97	Mol %	0.01	97	70	130			
Methane		76.1	Mol %	0.01	100	70	130			
Ethane		6.00	Mol %	0.01	99	70	130			
Propane		4.98	Mol %	0.01	100	70	130			
Isobutane		1.78	Mol %	0.01	89	70	130			
n-Butane		2.00	Mol %	0.01	100	70	130			
Isopentane		0.50	Mol %	0.01	100	70	130			
n-Pentane		0.50	Mol %	0.01	100	70	130			
Hexanes plus		0.20	Mol %	0.01	97	70	130			
Lab ID: B26011001-001ADUP	12	Sample Duplicate				Run: GC7890_260119A				01/19/26 10:54
Oxygen		21.1	Mol %	0.01				1.2	20	
Nitrogen		78.3	Mol %	0.01				0.3	20	
Carbon Dioxide		0.53	Mol %	0.01				0.0	20	
Hydrogen Sulfide		<0.01	Mol %	0.01					20	
Methane		<0.01	Mol %	0.01					20	
Ethane		<0.01	Mol %	0.01					20	
Propane		<0.01	Mol %	0.01					20	
Isobutane		<0.01	Mol %	0.01					20	
n-Butane		<0.01	Mol %	0.01					20	
Isopentane		<0.01	Mol %	0.01					20	
n-Pentane		<0.01	Mol %	0.01					20	
Hexanes plus		0.01	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

Eurofins TestAmerica - Albuquerque B26011001

Login completed by: Danielle N. Lindberg
Date Received: 1/16/2026
Reviewed by: rtooke
Received by: CMJ
Reviewed Date: 1/19/2026
Carrier name: FedEx NDA

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☐	No ☑	Not Applicable ☐
Container/Temp Blank temperature:	12.6°C No Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Standard Reporting Procedures:

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

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

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

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

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

Contact and Corrective Action Comments:

None

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Laboratory Certifications and Accreditations

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

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

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Garcia, Michelle	Carrier Tracking No(s): N/A	COC No: 885-8128.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: michelle.garcia@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Energy Laboratories, Inc.		Accreditations Required (See note): NELAP - Oregon; State - New Mexico		Job #: 885-40959-1
Address: 1120 South 27th Street, ,	Due Date Requested: 1/15/2026			Preservation Codes: -
City: Billings	TAT Requested (days): N/A			
State, Zip: MT, 59101				
Phone: 406-252-6325(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: LC Kelly 1E	Project #: 88501698			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB - Subcontract - Fixed Gases	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SVE-1 (885-40959-1)	1/6/26	12:00 Mountain	G	Air			X	1	See Attached Instructions DMC 01/16/26 B260101 B260111001

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	1/14/26 1400				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Crystal Jones	Date/Time: 01/16/26 1120	Company ELT

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

ICOC No:
885-8128

Containers

Count	Container Type	Preservative
1	Tedlar Bag 1L	None

Subcontract Method Instructions

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

Chain-of-Custody Record

Client: Hilcorp

Mailing Address:

Phone #:

email or Fax#: brandon.sinclair@hilcorp.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: LC Kelly 1E

Project #:

Project Manager: Mitch Killough

Sampler: Brandon Sinclair

On Ice: ☐ Yes ☒ No

# of Coolers: 1

Cooler Temp(including CF): N/A (°C)

HALL ENVIRONMENTAL ANALYSIS LABORA
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-40959 COC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	8015 TVPH	Fixed gas O_2 & CO_2			
1-6	1200	air	SVE-1	2 Tedlar										✓			✓	✓			

Analysis Request

Date	Time	Relinquished by	Received by	Via	Date	Time
1/7/26	1612				1/7/26	1612
1/7/26	1800			courier	1/8/26	7:58

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-40959-1

Login Number: 40959 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 574549
	Action Type: [REPORT] Alternative Remediation Report (C-141AR)

CONDITIONS

Created By	Condition	Condition Date
nvelez	1. Continue O&M & sampling as stated in report. 2. Submit next quarterly report by July 15, 2026.	4/15/2026