



July 14, 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: Second Quarter 2026 – Remediation System Operation and Monitoring Report
Standard #1
San Juan County, New Mexico
Hilcorp Energy Company
NMOCD Incident Number: NCS1735235018
Abatement Plan Number: AP-126**

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Second Quarter 2026 - Remediation System Operation and Monitoring Report* summarizing remediation system performance during the second quarter of 2026 at the Standard #1 (Site, Figure 1). The duration of operation and monitoring activities included in this report is for the period from March 24 to June 24, 2026.

This report was prepared following the approval from the New Mexico Oil Conservation Division (NMOCD) regarding the dual-phase extraction (DPE) remediation system described in the *Stage 2 Abatement Plan* submitted by LT Environmental, Inc. in September 2019. Although no formal conditions of approval (COAs) have been provided in response to the aforementioned report, this report includes the following information based on COAs issued for similar Sites:

- A summary of remediation activities during the quarter;
- The system run time summary (90 percent (%) run time typically required);
- Total system flow and vacuum measurements;
- Individual well flow rates, photoionization detector (PID) measurements of volatile organic compounds (VOCs), vacuum measurements, and oxygen/carbon dioxide measurements via hand-held analyzers; and
- The petroleum mass removal and fluid product recovery from the remediation system.

Per correspondence with the NMOCD in April 2024, the quarterly remediation summary reports also include data and summaries from groundwater sampling events conducted at the Site during each reporting period. This report summarizes groundwater data gathered during the second quarter of 2026.

REMEDIATION SYSTEM DESCRIPTION

The remediation system at the Site includes a DPE system, which uses a high vacuum rotary claw blower to apply vacuum to remediation wells (MW01, MW02, MW03, MW06, MW10, and MW15) connected to the blower via subsurface piping (Figure 2). The extracted air, petroleum vapors, and fluids enter a vapor/liquid separator or “knock out” tank. Air and petroleum vapors are

passed through the high vacuum extraction blower and discharged to the atmosphere via an exhaust stack. Separated liquid, which includes light phase-separated hydrocarbons (PSH) and potentially impacted groundwater, is pumped to an aboveground storage tank for storage and off-site disposal. The system layout is depicted on Figure 3.

SECOND QUARTER 2026 OPERATION AND MAINTENANCE

Since startup on January 2, 2024, all Site DPE wells have been operated in order to recover PSH, draw down the groundwater table, and induce air flow in impacted soil zones. Field visits were conducted bi-monthly (twice per month) throughout the second quarter of 2026. Field forms completed during operations and maintenance (O&M) visits are presented as Appendix A.

Between March 24 and June 24, 2026, the DPE system operated for 2,168 hours for a runtime efficiency of 98%. Appendix B presents photographs of the runtime meter for calculating the second quarter of 2026 runtime efficiency. Table 1 presents the DPE system operational hours and calculated percent runtime.

Vapor Recovery

Influent vapor samples from the DPE system are collected quarterly following the first year of operation. An influent vapor sample was collected on May 30, 2026. The sample was collected into two 1-Liter Tedlar® bags and submitted to Eurofins Environment Testing (Eurofins) in Albuquerque, New Mexico for analysis of VOCs following United States Environmental Protection Agency (EPA) EPA Method 8260B, total volatile petroleum hydrocarbons (TVPH, also referred to as total petroleum hydrocarbons-gasoline range organics (TPH-GRO)) following EPA Method 8015D. Fixed gas analysis of oxygen and carbon dioxide following American Society for Testing and Materials (ASTM) Method D-1946 could not be performed by the laboratory due to instrument failure. A summary of field measurements and analytical results are presented in Tables 2 and 3, respectively. The full laboratory analytical report is attached as Appendix C. Graphs 1 and 2 also present oxygen and carbon dioxide levels over time, respectively.

Vapor sample data and measured influent flow rates are used to estimate total mass recovered and total emissions generated by the DPE system (Table 4). Based on these estimates, 12,598 pounds (6.30 tons) of TVPH in the vapor phase have been removed by the system to date.

Liquid Recovery

Total liquid recovery volumes are measured using a totalizing flow metering device. Since the startup of the system on January 2, 2024, through June 24, 2026, approximately 207,241 gallons of liquid have been recovered. The impacted groundwater and recovered PSH are emulsified and homogenously commingled enough during extraction that product thickness is unmeasurable in the liquid recovery tank. Therefore, the estimated volume of PSH recovered is not measurable and not reported. Liquid recovery is summarized in Table 5.

GROUNDWATER MONITORING

Since October 2018, groundwater gauging and sampling activities have been conducted at the Site. Groundwater gauging and sampling at the Site was completed between June 15 and June 17, 2026, as part of the second quarter 2026 system activities.

Fluid Level Measurements

Prior to purging and sampling, static depth to groundwater and total depth of each monitoring well was measured using an oil/water interface probe. The interface probe was decontaminated with

Alconox® soap and rinsed with distilled water prior to each measurement to prevent cross contamination. Depth to groundwater, depth to PSH, and calculated groundwater elevations are summarized in Table 6. Potentiometric surface maps were drafted with groundwater elevations measured during the second quarter 2026 quarterly monitoring event (Figure 4).

During the second quarter 2026 gauging event, no measurable PSH was observed in any of the monitoring wells at the Site; however, trace PSH was observed in monitoring wells MW01, MW02, MW03, MW05, MW06, and MW15 during purging, all of which contained trace PSH during the first quarter 2026 monitoring event.

In general, the presence of groundwater at the Site is highly variable and no apparent continuous groundwater aquifer has been observed during drilling and/or groundwater monitoring activities. Groundwater flow direction and gradient is generally difficult to interpret, as dry wells often exist around the perimeter of the Site, as well as between wells containing groundwater. Based on historical measurements, groundwater flow direction is variable across the Site, but is generally to the west-northwest and to the southeast.

Groundwater Sampling Activities and Analytical Results

Groundwater samples were collected for laboratory analysis from monitoring wells containing sufficient water to sample and that did not contain trace PSH during purging. Disposable polyvinyl chloride (PVC) bailers were used to collect groundwater samples due to limited water volume within several of the monitoring wells. Prior to collecting groundwater samples, Ensolum purged a minimum of three casing volumes or until the well was bailed dry to verify water from the adjacent formation, representative of actual aquifer conditions, was sampled. If a well was purged dry, the well was allowed to recharge before samples were collected. Water quality parameters including pH, electrical conductivity, and temperature were measured in each well using a multi-probe water quality field meter during purging.

Groundwater samples were collected into laboratory provided sample bottles and immediately placed on ice for preservation. Samples were submitted to Eurofins Environment Testing in Albuquerque, New Mexico for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) via EPA Method 8260B. Of the wells sampled, one or more BTEX constituent exceeded the New Mexico Water Quality Control Commission (NMWQCC) standards in groundwater within monitoring wells MW09, MW12, MW14, MW16, MW18, and MW19. All aforementioned wells also contained BTEX concentrations exceeding the NMWQCC standards during the first quarter 2026 monitoring event, with the exception of MW14, which contained PSH during the first quarter 2026 monitoring event, and MW12, both of which were not sampled previously. Monitoring well MW04, which historically contained PSH or BTEX concentrations exceeding the NMWQCC standards, was compliant for the first time during the second quarter 2026 sampling event. A summary of groundwater analytical results is presented in Table 7 and on Figure 5, with the complete laboratory analytical report attached as Appendix D.

DISCUSSIONS AND RECOMMENDATIONS

Based on the decreasing BTEX constituent trends and PSH thicknesses observed across the Site, the DPE system continues to be effective at remediating hydrocarbon impacts, despite the diminished vapor-phase mass removal rates. Bi-monthly (twice per month) to monthly O&M visits and quarterly sampling events will be performed by Ensolum and/or Hilcorp personnel to confirm the DPE 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.

Reporting

Updated remediation reports will be prepared and submitted to the NMOCD on a quarterly basis within 15 days following the end of the quarter and will contain the following:

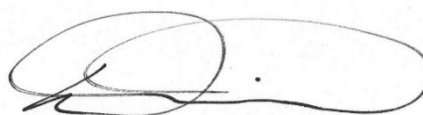
- A summary of remediation and monitoring activities during the period;
- System run-time summary;
- Petroleum hydrocarbon mass removal and fluid recovery from the remediation system;
- DPE volume liquid removal; and
- Groundwater monitoring results, when applicable.

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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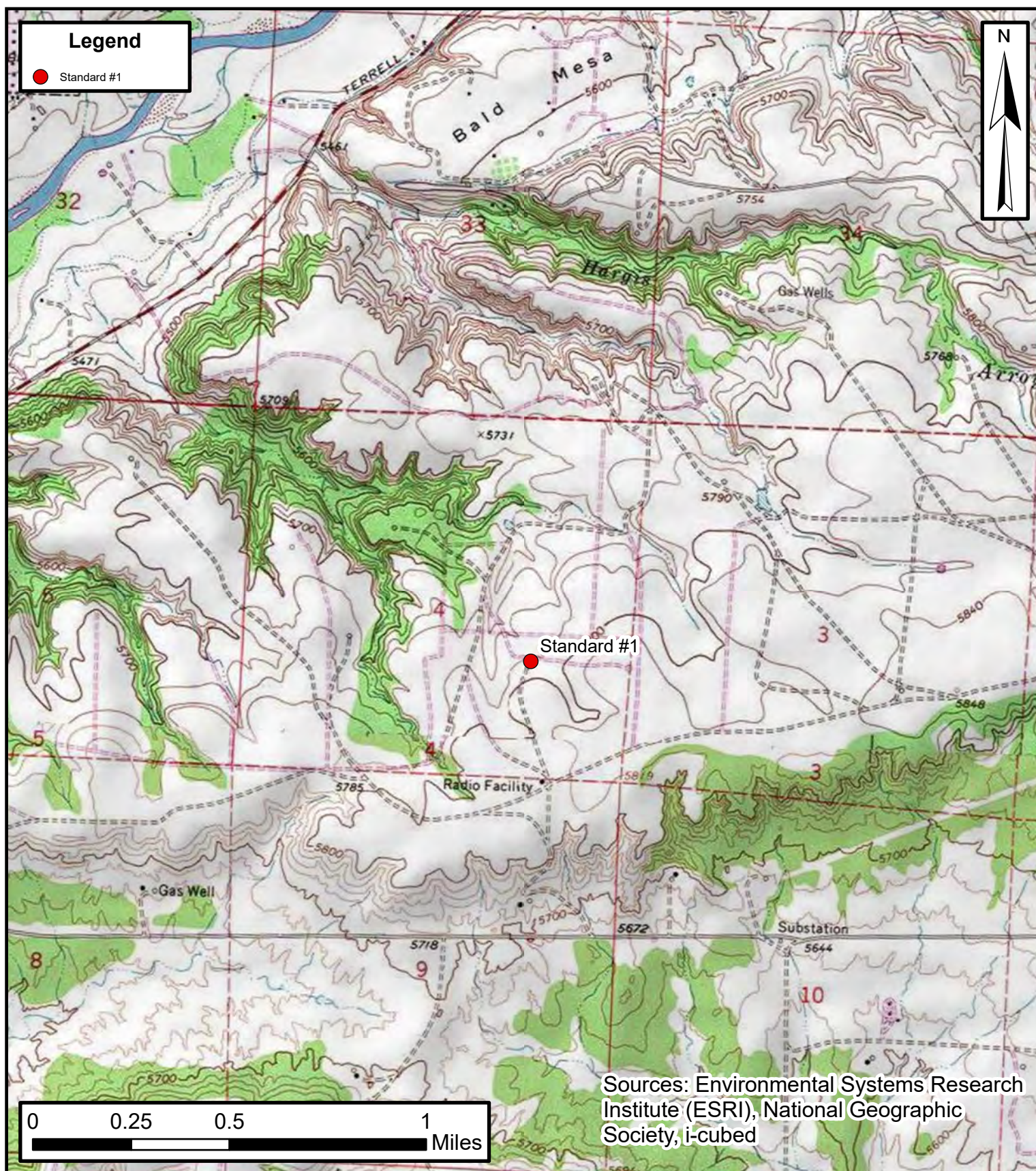
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Attachments:

Figure 1	Site Location Map
Figure 2	Site Features
Figure 3	Dual Phase Extraction System Layout
Figure 4	Groundwater Elevation Map – Q1 2026
Figure 5	Groundwater Analytical Results – Q1 2026
Table 1	Dual Phase Extraction System Runtime Calculations
Table 2	Dual Phase Extraction System Field Measurements
Table 3	Dual Phase Extraction System Air Analytical Results
Table 4	Dual Phase Extraction System Mass Removal and Emissions
Table 5	Dual Phase Extraction System Liquid Recovery
Table 6	Groundwater Elevation
Table 7	Groundwater Analytical Results
Graph 1	Oxygen vs Time
Graph 2	Carbon Dioxide vs Time
Appendix A	Field Notes
Appendix B	Project Photographs
Appendix C	Vapor Laboratory Analytical Report
Appendix D	Groundwater Laboratory Analytical Report



Figures



Environmental, Engineering and
Hydrogeologic Consultants

Site Location Map

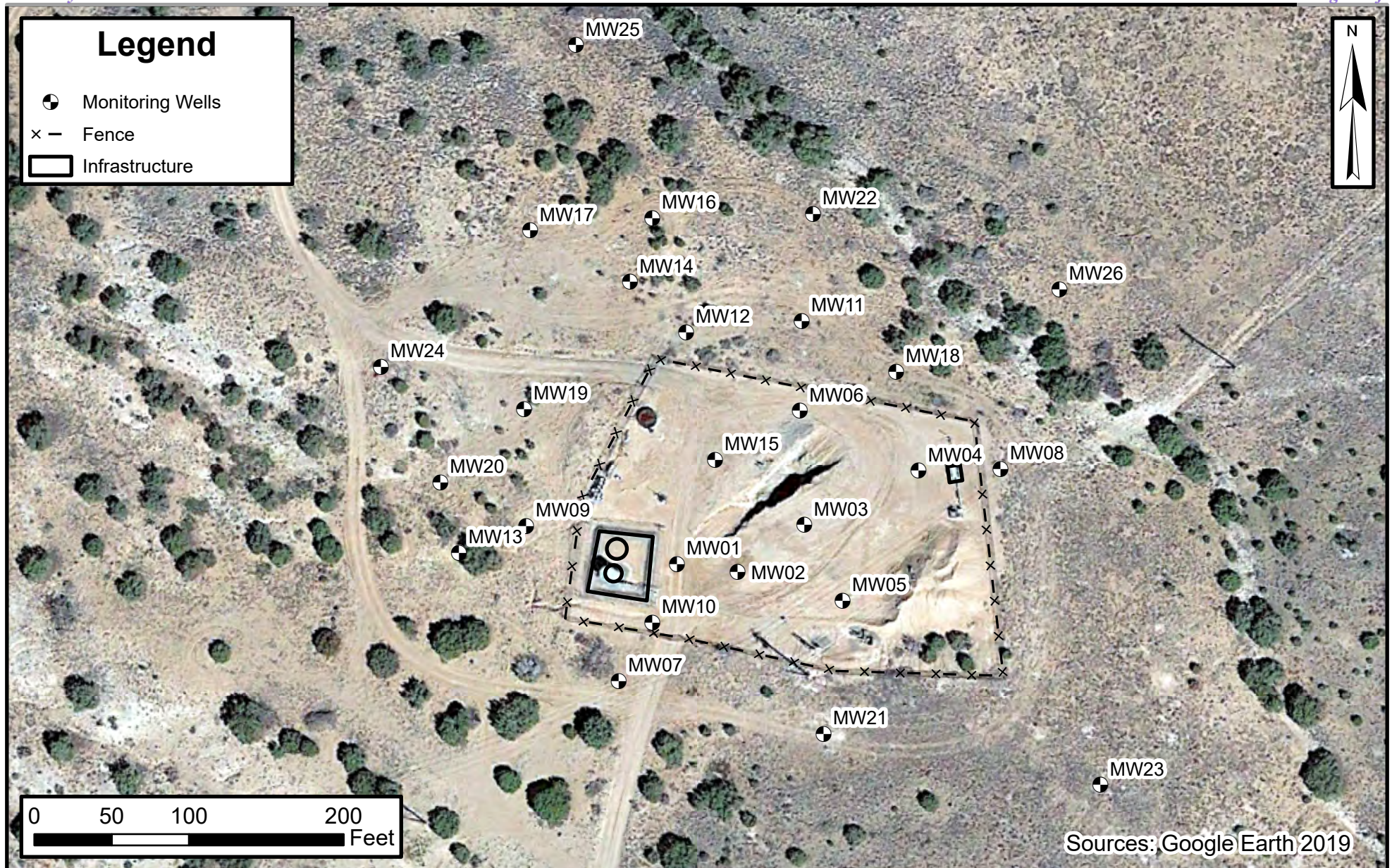
Standard #1

Hilcorp Energy Company

36.75285, -108.099744
San Juan County, New Mexico

FIGURE

1

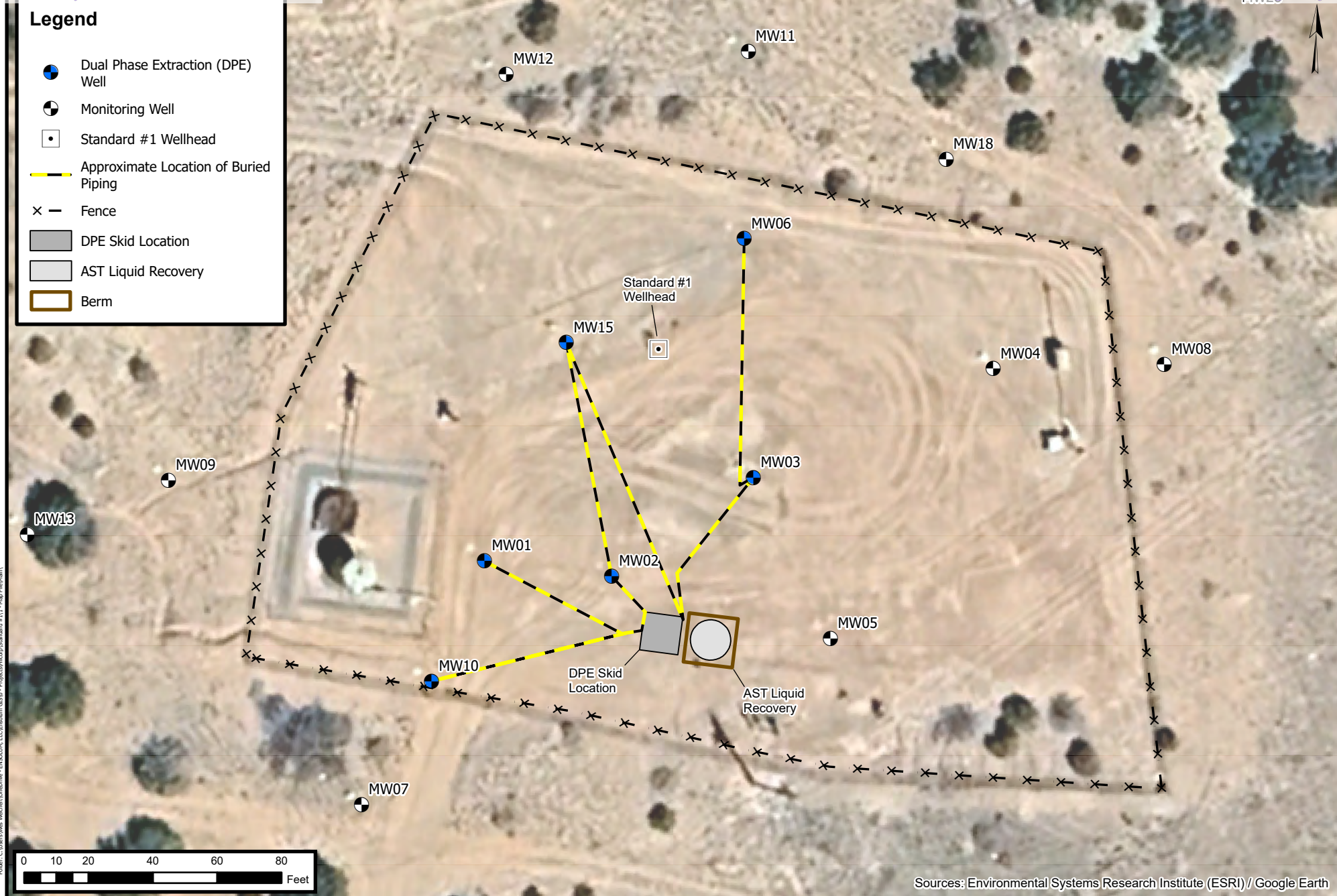


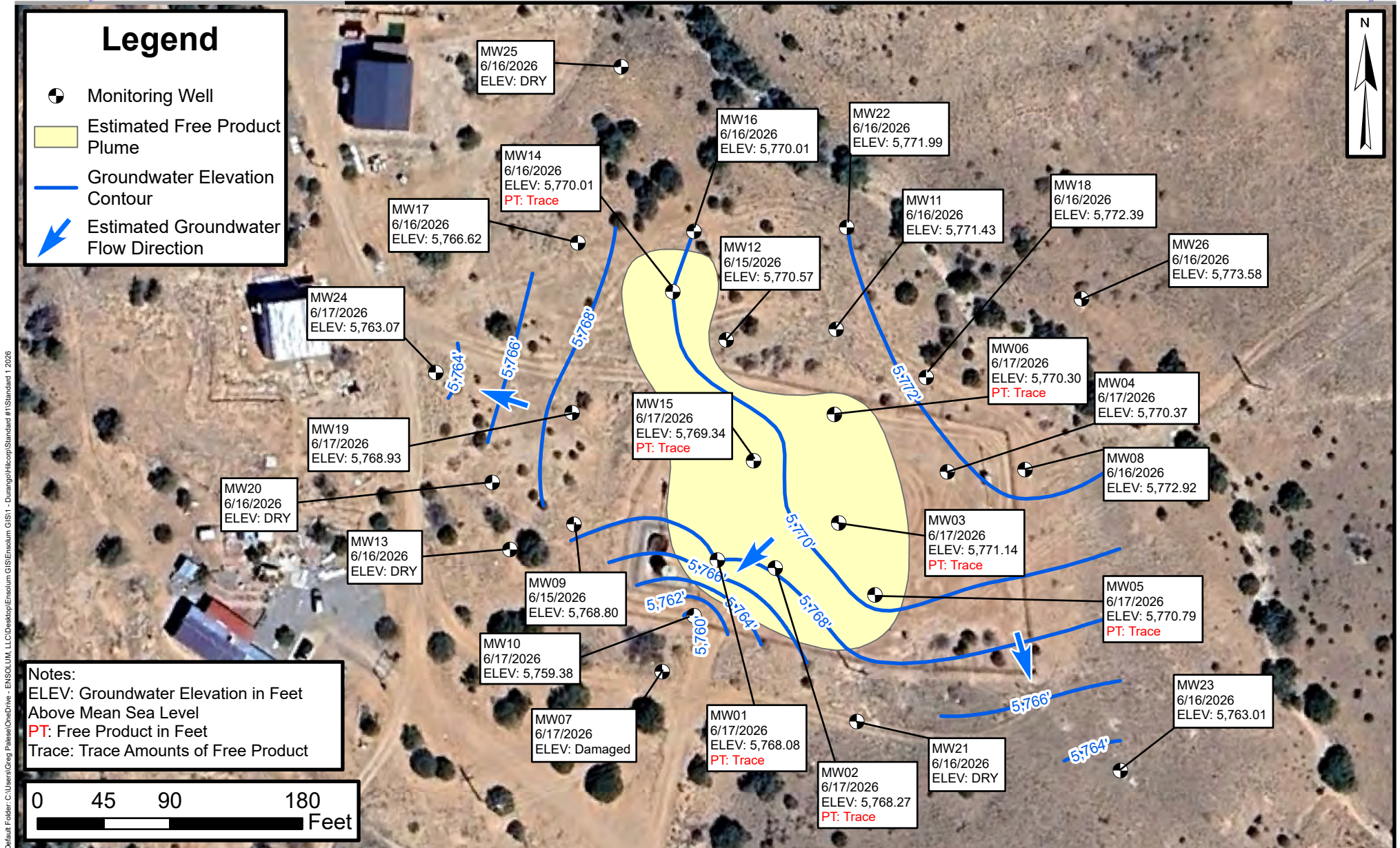
Site Features

Standard #1
Hilcorp Energy Company

36.75285, -108.099744
San Juan County, New Mexico

FIGURE
2





Groundwater Elevation Map - Q2 2026

Standard #1
 Hilcorp Energy Company
 36.75285, -108.099744
 San Juan County, New Mexico



FIGURE
4





Tables & Graphs



TABLE 1 DUAL PHASE EXTRACTION SYSTEM RUNTIME CALCULATIONS Standard #1 Hilcorp Energy Company San Juan County, New Mexico				
Date of Reading	System Hour Runtime	Runtime Between Events	Run Time (%)	Cumulative Run Time (%)
1/2/2024	4	4	START UP	
3/24/2026	17,566	118	45%	90%
4/9/2026	17,949	500	100%	90%
4/27/2026	18,370	421	97%	90%
5/11/2026	18,704	335	100%	91%
5/30/2026	19,151	447	98%	91%
6/15/2026	19,525	373	97%	91%
6/24/2026	19,734	210	97%	91%
2nd Qtr 2026 Run Time Hours				2,168
2nd Qtr 2026 Run Time %				98%

Notes:

%: percent

Dashed line indicates quarter change

--: not applicable/not collected



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS
 Standard #1
 Hilcorp Energy Company
 San Juan County, New Mexico

SVE Well ID	Date	PID (ppm)	Differential Pressure (IWC)	Flow Rate (acfm)	Flow Rate (scfm) ⁽¹⁾	Vacuum (IHG)	Vacuum (psi)	Oxygen (%)	Carbon Dioxide (%)
Influent, All Wells	1/2/2024	198	4.50	742	534	2.5	1.23	20.9	0.06
	1/3/2024	69	4.50	742	534	2.5	1.23	20.9	0.02
	1/4/2024	467	2.50	553	398	2.5	1.23	16.6	4.99
	1/5/2024	416	2.50	553	216	15.0	7.37	19.8	1.34
	1/11/2024	993	1.75	463	187	14.5	7.12	--	--
	1/18/2024	234	2.00	495	220	13.0	6.39	--	--
	1/24/2024	521	2.50	553	260	12.0	5.89	--	--
	2/1/2024	397	3.25	630	379	7.0	3.44	--	--
	2/8/2024	350	3.00	606	348	8.0	3.93	--	--
	2/15/2024	401	3.00	606	340	8.5	4.17	--	--
	2/21/2024	400	3.00	606	340	8.5	4.17	20.0	0.38
	3/1/2024	662	2.25	525	267	10.5	5.16	--	--
	3/7/2024	525	2.25	525	271	10.3	5.03	20.9	0.30
	3/14/2024	763	2.50	553	282	10.5	5.16	20.9	0.28
	3/21/2024	568	2.50	553	282	10.5	5.16	--	--
	4/1/2024	517	2.50	553	282	10.5	5.16	--	--
	4/5/2024	547	2.50	553	289	10.0	4.91	20.0	0.16
	4/19/2024	364	2.25	525	292	8.7	4.27	20.6	0.14
	5/7/2024	337	2.25	525	247	12.0	5.89	20.7	0.15
	5/21/2024	284	2.25	525	240	12.5	6.14	20.9	0.11
	6/6/2024	247	2.25	525	233	13.0	6.39	20.7	0.13
	6/27/2024	369	2.25	525	226	13.5	6.63	20.7	0.13
	7/17/2024	148	3.25	630	305	11.5	5.65	20.8	0.12
	7/29/2024	190	3.00	606	249	14.3	7.00	20.9	0.09
	8/12/2024	119	2.75	580	231	14.8	7.24	20.9	0.10
	8/23/2024	122	1.75	463	181	15.0	7.37	20.9	0.13
	9/5/2024	156	1.75	463	169	16.0	7.86	20.9	0.11
	9/23/2024	121	1.50	428	151	16.5	8.10	20.9	0.13
	10/10/2024	101	1.50	428	148	16.8	8.23	20.5	0.13
	10/24/2024	114	1.00	350	121	16.8	8.23	20.9	0.14
	11/11/2024	74	1.50	428	168	15.0	7.37	20.9	0.14
	11/20/2024	79	1.50	428	162	15.5	7.61	20.9	0.08
	12/10/2024	72	2.75	580	296	10.5	5.16	20.9	0.12
	12/19/2024	73	2.50	553	282	10.5	5.16	--	--
	1/13/2025	108	2.50	553	286	10.2	5.01	20.9	0.12
	1/23/2025	92	2.50	553	283	10.4	5.11	20.9	0.06
	2/7/2025	32	1.00	350	109	18.0	8.84	--	--
	2/24/2025	59	1.00	350	107	18.3	8.96	--	--
	3/10/2025	49	2.00	495	216	13.3	6.51	--	--
	3/29/2025	35	0.75	303	85	19.3	9.45	20.7	0.20
	4/16/2025	37	1.00	350	96	19.5	9.58	20.9	0.20
	4/24/2025	--	--	--	--	--	--	--	--
	5/29/2025	23	1.20	383	120	18.0	8.84	20.9	0.09
	6/17/2025	19	1.00	350	103	18.8	9.21	20.8	0.11
	6/27/2025	--	--	--	--	--	--	--	--
	7/8/2025	7	1.00	350	96	19.5	9.58	20.7	0.20
	7/29/2025	--	--	--	--	--	--	--	--
	8/11/2025	7	0.25	175	62	16.5	8.10	20.9	0.09
	8/26/2025	8	0.00	0	0	16.8	8.23	20.9	0.05
	9/9/2025	5	0.00	0	0	16.5	8.10	20.9	0.06
	9/29/2025	5	0.50	247	90	16.0	7.86	20.9	0.00
	10/9/2025	5	0.50	247	66	19.8	9.70	20.9	2.00
	10/27/2025	5	0.50	247	73	18.8	9.21	20.9	0.00
	11/18/2025	58	0.60	271	63	21.0	10.31	20.9	0.08
	11/29/2025	63	0.25	175	41	21.0	10.31	20.9	0.07
	12/19/2025	56	1.00	350	119	17.0	8.35	20.9	0.06
	12/27/2025	52	0.25	175	51	18.8	9.21	20.9	0.05
	1/13/2026	--	0.20	156	59	15.5	7.61	--	--
	1/28/2026	--	0.20	156	59	15.5	7.61	--	--
	2/16/2026	37	1.00	350	114	17.5	8.60	20.9	0.05
	2/28/2026	28	1.00	350	119	17.0	8.35	20.9	0.05
	3/9/2026	28	0.75	303	107	16.5	8.10	20.9	0.04
	3/24/2026	38	1.00	350	123	16.5	8.10	20.9	0.04
	4/9/2026	62	1.50	428	162	15.5	7.61	20.9	0.03
	4/27/2026	26	1.25	391	148	15.5	7.61	20.9	0.02
	5/11/2026	33	1.25	391	143	16.0	7.86	20.9	0.02
	5/30/2026	45	1.25	391	143	16.0	7.86	20.9	0.02
	6/15/2026	18	1.00	350	125	16.3	7.98	20.9	0.02
	6/24/2026	7	1.50	428	159	15.8	7.74	20.9	0.01



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 San Juan County, New Mexico

SVE Well ID	Date	PID (ppm)	Differential Pressure (IWC)	Flow Rate (acfm)	Flow Rate (scfm) ⁽¹⁾	Vacuum (IHG)	Vacuum (psi)	Oxygen (%)	Carbon Dioxide (%)
MW01	1/2/2024	102	--	--	44.0	1.0	0.49	20.9	0.08
	1/3/2024	87	--	--	14.0	1.0	0.49	20.9	0.04
	1/4/2024	--	--	--	93.0	13.5	6.63	--	--
	1/5/2024	403	--	--	53.0	13.0	6.39	20.7	0.58
	1/11/2024	135	0.95	85.2	42.3	11.0	5.40	--	--
	1/18/2024	655	0.08	24.7	11.6	12.0	5.89	--	--
	1/24/2024	1394	0.55	64.8	32.2	11.0	5.40	20.2	0.52
	2/1/2024	468	0.54	64.2	41.2	5.5	2.70	--	--
	2/8/2024	436	--	--	--	7.0	3.44	19.8	0.78
	2/15/2024	413	0.20	39.1	23.5	7.0	3.44	19.8	0.44
	2/21/2024	543	0.20	39.1	23.5	7.0	3.44	20.0	0.40
	3/1/2024	353	0.28	46.3	25.4	9.0	4.42	20.5	0.44
	3/7/2024	431	0.51	62.4	34.3	9.0	4.42	20.9	0.36
	3/14/2024	409	0.19	38.1	20.9	9.0	4.42	20.9	0.38
	3/21/2024	398	0.49	61.2	33.6	9.0	4.42	20.9	0.36
	4/1/2024	523	0.61	68.3	38.4	8.5	4.17	--	--
	4/5/2024	496	0.42	56.7	31.8	8.5	4.17	19.8	0.28
	4/19/2024	450	0.31	48.7	27.7	8.3	4.05	19.4	0.32
	5/7/2024	611	0.64	69.9	43.2	6.4	3.14	19.5	0.34
	5/21/2024	645	0.77	76.7	42.6	8.8	4.30	19.5	0.31
	6/6/2024	387	1.83	118.3	68.8	7.8	3.81	19.8	0.30
	6/27/2024	604	--	--	--	8.0	3.93	19.5	0.28
	7/17/2024	276	0.37	53.2	30.9	7.8	3.81	19.7	0.25
	7/29/2024	286	2.07	125.8	72.3	8.0	3.93	20.2	0.23
	8/12/2024	274	1.83	118.3	68.0	8.0	3.93	20.2	0.23
	8/23/2024	141	1.27	98.5	56.7	8.0	3.93	20.5	0.16
	9/6/2024	206	2.93	149.7	85.1	8.3	4.05	20.3	0.18
	9/23/2024	159	1.31	100.1	57.5	8.0	3.93	20.6	0.19
	10/10/2024	187	0.51	62.4	40.4	5.3	2.58	19.7	0.23
	10/24/2024	150	0.72	74.2	46.1	6.3	3.07	20.5	0.15
	11/11/2024	201	0.62	68.8	32.4	12.0	5.89	20.9	0.25
	11/20/2024	163	0.67	71.6	33.6	12.0	5.89	20.9	0.14
	12/10/2024	197	0.66	71.0	33.4	12.0	5.89	20.9	0.19
	12/19/2024	38	Gauge Broken	--	--	7.5	3.68	--	--
	1/13/2025	29	Gauge Broken	--	--	7.0	3.44	20.2	0.48
	1/23/2025	44	Gauge Broken	--	--	5.5	2.70	20.9	0.00
	2/7/2025	--	Gauge Broken	--	--	13.5	6.63	--	--
	2/24/2025	--	Gauge Broken	--	--	14.0	6.88	--	--
	3/10/2025	--	Gauge Broken	--	--	9.0	4.42	--	--
	3/29/2025	Line Clogged							
	4/16/2025	Line Clogged							
	4/24/2025	--	--	--	--	--	--	--	--
	5/29/2025	55	Gauge Broken	--	--	12.5	6.14	20.5	0.22
	6/17/2025	115	Gauge Broken	--	--	11.5	5.65	20.6	0.24
	6/27/2025	--	--	--	--	--	--	--	--
	7/8/2025	5	0.43	57.3	33.3	7.8	3.81	20.9	0.12
	7/29/2025	--	--	--	--	--	--	--	--
	8/11/2025	5	2.74	144.7	93.7	5.3	2.58	20.5	0.08
	8/26/2025	12	1.24	97.4	72.6	1.5	0.74	20.9	0.02
	9/9/2025	6	1.08	90.9	67.1	1.8	0.86	20.9	0.05
	9/29/2025	4	1.27	99	46.8	11.8	5.80	20.9	0.00
	10/9/2025	4	0.76	76.2	35.5	12.2	5.98	20.9	0.00
	10/27/2025	1	0.58	66.6	25.7	15.2	7.46	20.9	0.00
	11/18/2025	28	0.14	32.7	12.5	15.3	7.53	20.9	0.04
	11/29/2025	33	Gauge Broken	--	--	14.7	7.21	20.9	0.02
	12/19/2025	35	0.15	33.9	14.1	14.1	6.93	20.9	0.03
	12/27/2025	29	0.09	26.2	11.5	13.3	6.52	20.9	0.04
	1/13/2026	--	--	--	--	--	--	--	--
	1/28/2026	--	--	--	--	--	--	--	--
	2/16/2026	16	1.16	94.2	41.0	13.3	6.54	20.9	0.03
	2/28/2026	13	2.15	128.2	59.8	12.1	5.97	20.9	0.00
	3/9/2026	16	1.97	122.7	58.4	11.8	5.79	20.9	--
	3/24/2026	34	1.47	106.0	50.0	11.9	5.86	20.9	0.02
	4/9/2026	--	Gauge Broken	--	--	9.7	4.77	--	--
	4/27/2026	--	0.06	21.4	10.1	11.9	5.86	--	--
	5/11/2026	--	Gauge Broken	--	--	12.1	5.96	--	--
	5/30/2026	--	--	--	--	--	--	--	--
	6/15/2026	--	2.89	148.6	67.4	12.6	6.21	--	--
	6/24/2026	--	1.33	100.8	48.7	11.5	5.66	--	--



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS

Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

SVE Well ID	Date	PID (ppm)	Differential Pressure (IWC)	Flow Rate (acfm)	Flow Rate (scfm) ⁽¹⁾	Vacuum (IHG)	Vacuum (psi)	Oxygen (%)	Carbon Dioxide (%)
MW02	1/2/2024	102	--	--	20.0	1.0	0.49	20.9	0.02
	1/3/2024	240	--	--	25.0	1.0	0.49	20.9	0.06
	1/4/2024	--	--	--	86.0	13.5	6.63	--	--
	1/5/2024	243	--	--	84.0	12.5	6.14	20.6	0.82
	1/11/2024	392	0.80	78.2	38.8	11.0	5.40	--	--
	1/18/2024	335	1.05	89.6	42.1	12.0	5.89	--	--
	1/24/2024	710	0.75	75.7	38.6	10.5	5.16	20.7	0.52
	2/1/2024	179	0.15	33.9	21.2	6.0	2.95	--	--
	2/8/2024	380	--	--	--	7.3	3.56	20.7	0.54
	2/15/2024	232	0.21	40.1	23.6	7.5	3.68	20.3	0.32
	2/21/2024	175	0.15	33.9	20.4	7.0	3.44	20.6	0.18
	3/1/2024	315	0.56	65.4	35.9	9.0	4.42	20.9	0.36
	3/7/2024	396	0.64	69.9	38.4	9.0	4.42	20.9	0.24
	3/14/2024	412	0.64	69.9	38.4	9.0	4.42	20.9	0.20
	3/21/2024	408	0.61	68.3	37.5	9.0	4.42	20.9	0.18
	4/1/2024	257	0.13	31.5	17.3	9.0	4.42	--	--
	4/5/2024	294	0.55	64.8	35.6	9.0	4.42	20.1	0.16
	4/19/2024	249	0.37	53.2	29.9	8.5	4.17	20.2	0.17
	5/7/2024	193	0.25	43.7	24.6	8.5	4.17	20.3	0.14
	5/21/2024	193	0.54	64.2	36.1	8.5	4.17	20.4	0.16
	6/6/2024	173	0.44	58.0	31.1	9.5	4.67	20.3	0.19
	6/27/2024	321	0.40	55.3	28.9	10.0	4.91	20.1	0.17
	7/17/2024	118	0.13	31.5	16.3	10.3	5.03	20.9	0.15
	7/29/2024	88	0.46	59.3	30.6	10.3	5.03	20.9	0.10
	8/12/2024	110	0.16	35.0	18.0	10.3	5.03	20.9	0.13
	8/23/2024	47	0.08	24.7	12.3	11.0	5.40	20.9	0.06
	9/6/2024	128	Gauge Broken	--	--	11.3	5.53	20.8	0.07
	9/23/2024	78	0.11	29.0	14.8	10.5	5.16	20.7	0.20
	10/10/2024	79	Gauge Broken	--	--	10.8	5.28	20.6	0.16
	10/24/2024	82	Gauge Broken	--	--	15.3	7.49	20.6	0.12
	11/11/2024	66	Gauge Broken	--	--	13.0	6.39	20.9	0.18
	11/20/2024	83	0.38	53.9	23.9	13.0	6.39	20.9	0.10
	12/10/2024	84	0.12	30.3	13.4	13.0	6.39	20.9	0.16
	12/19/2024	74	Gauge Broken	--	--	8.0	3.93	--	--
	1/13/2025	63	Gauge Broken	--	--	8.5	4.17	20.9	0.12
	1/23/2025	61	0.43	57.3	32.2	8.5	4.17	20.9	0.10
	2/7/2025	--	Gauge Broken	--	--	13.5	6.63	--	--
	2/24/2025	--	Gauge Broken	--	--	15.8	7.74	--	--
	3/10/2025	--	0.41	56.0	32.2	8.0	3.93	--	--
	3/29/2025	29	Gauge Broken	--	--	17.5	8.60	20.2	0.20
	4/16/2025	35	Gauge Broken	--	--	17.5	8.60	20.9	0.00
	4/24/2025	--	--	--	--	--	--	--	--
	5/29/2025	19	Gauge Broken	--	--	16.0	7.86	20.2	0.23
	6/17/2025	21	Gauge Broken	--	--	15.3	7.49	20.4	0.22
	6/27/2025	--	--	--	--	--	--	--	--
	7/8/2025	16	Gauge Broken	--	--	11.8	5.77	20.9	0.10
	7/29/2025	--	--	--	--	--	--	--	--
	8/11/2025	--	0.04	17.5	9.1	10.0	4.91	--	--
	8/26/2025	--	0.10	27.6	19.0	3.8	1.84	--	--
	9/9/2025	--	0.05	19.5	13.3	4.0	1.96	--	--
	9/29/2025	3	0.03	15.1	8.7	8.1	3.96	16.8	>1.0
	10/9/2025	4	0.02	12.4	7.2	7.7	3.80	17.5	0.86
	10/2/2025	4	0.04	17.5	7.4	13.8	6.78	20.9	0.20
	11/18/2025	32	0.02	12.4	1.9	24.2	11.87	20.8	0.26
	11/29/2025	28	0.04	17.5	5.7	17.5	8.58	20.9	0.18
	12/19/2025	22	0.02	12.4	4.8	15.1	7.43	20.9	0.18
	12/27/2025	26	Gauge Broken	--	--	14.1	6.95	20.9	0.21
	1/13/2026	--	--	--	--	--	--	--	--
	1/28/2026	--	--	--	--	--	--	--	--
	2/16/2026	10	0.33	50.2	21.5	13.6	6.69	20.9	0.19
	2/28/2026	13	0.22	41.0	19.3	12.0	5.88	20.9	0.19
	3/9/2026	15	0.19	38.1	19.1	10.8	5.31	20.9	--
	3/24/2026	28	0.18	37.1	18.6	10.8	5.30	20.9	0.16
	4/9/2026	16	Gauge Broken	--	--	7.6	3.74	20.9	0.24
	4/27/2026	23	Gauge Broken	--	--	10.9	5.36	20.9	0.18
	5/11/2026	20	Gauge Broken	--	--	12.1	5.94	20.9	0.22
	5/30/2026	--	--	--	--	--	--	--	--
	6/15/2026	10	0.45	58.6	26.3	12.9	6.31	20.9	0.19
	6/24/2026	6	0.26	44.6	20.9	12.1	5.93	20.8	0.17



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS

Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

SVE Well ID	Date	PID (ppm)	Differential Pressure (IWC)	Flow Rate (acfm)	Flow Rate (scfm) ⁽¹⁾	Vacuum (IHG)	Vacuum (psi)	Oxygen (%)	Carbon Dioxide (%)
MW03	1/2/2024	139	--	--	45.0	1.0	0.49	20.9	0.14
	1/3/2024	240	--	--	25.0	1.0	0.49	20.9	0.06
	1/4/2024	--	--	--	37.0	13.0	6.39	--	--
	1/5/2024	332	--	--	18.0	12.0	5.89	18.9	1.56
	1/11/2024	187	1.30	99.7	44.3	13.0	6.39	--	--
	1/18/2024	452	1.11	92.1	36.1	15.0	7.37	--	--
	1/24/2024	1775	0.62	68.8	30.6	13.0	6.39	19.2	1.26
	2/1/2024	644	0.24	42.8	24.1	8.5	4.17	--	--
	2/8/2024	325	--	--	--	9.5	4.67	19.0	1.30
	2/15/2024	235	0.23	41.9	21.9	10.0	4.91	20.3	0.28
	2/21/2024	498	--	--	--	--	--	19.1	0.72
	3/1/2024	404	0.13	31.5	14.8	12.0	5.89	19.7	1.04
	3/7/2024	721	0.41	56.0	27.1	11.5	5.65	20.2	0.66
	3/14/2024	687	0.35	51.7	25.0	11.5	5.65	20.4	0.44
	3/21/2024	627	0.36	52.5	25.4	11.5	5.65	20.3	0.45
	4/1/2024	433	0.45	58.6	28.3	11.5	5.65	--	--
	4/5/2024	511	0.71	73.7	36.6	11.0	5.40	19.3	0.39
	4/19/2024	433	0.23	41.9	20.8	11.0	5.40	19.4	0.38
	5/7/2024	671	0.65	70.5	39.6	8.5	4.17	19.9	0.34
	5/21/2024	444	0.28	46.3	25.1	9.3	4.54	19.6	0.35
	6/6/2024	438	0.43	57.3	31.1	9.3	4.54	19.4	0.36
	6/27/2024	420	0.18	37.1	19.4	10.0	4.91	19.5	0.38
	7/17/2024	439	0.54	64.2	34.8	9.3	4.54	19.6	0.32
	7/29/2024	398	0.85	80.6	43.7	9.3	4.54	20.2	0.26
	8/12/2024	413	0.66	71.0	38.5	9.3	4.54	20.1	0.28
	8/23/2024	364	2.33	133.5	75.0	8.5	4.17	19.7	0.40
	9/6/2024	457	0.12	30.3	16.8	8.8	4.30	20.2	0.30
	9/23/2024	381	0.83	79.7	43.7	9.0	4.42	19.8	0.39
	10/10/2024	392	0.22	41.0	21.4	10.0	4.91	20.1	0.30
	10/24/2024	363	0.14	32.7	15.6	11.8	5.77	20.0	0.30
	11/11/2024	117	0.17	36.0	15.3	13.8	6.75	20.9	0.26
	11/20/2024	157	0.04	17.5	7.4	13.8	6.75	20.9	0.18
	12/10/2024	123	0.11	29.0	12.5	13.5	6.63	20.9	0.14
	12/19/2024	25	0.07	23.1	13.6	7.5	3.68	--	--
	1/13/2025	21	0.07	23.1	13.3	8.0	3.93	20.9	0.00
	1/23/2025	34	0.10	27.6	15.5	8.5	4.17	20.9	0.00
	2/7/2025	--	0.10	27.6	11.2	14.5	7.12	--	--
	2/24/2025	--	0.08	24.7	9.4	15.5	7.61	--	--
	3/10/2025	--	0.13	31.5	17.3	9.0	4.42	--	--
	3/29/2025	126	0.08	24.7	8.1	17.5	8.60	20.5	0.20
	4/16/2025	107	0.05	19.5	11.2	8.0	3.93	20.9	0.00
	4/24/2025	--	--	--	--	--	--	--	--
	5/29/2025	26	0.06	21.4	9.5	13.0	6.39	20.9	0.10
	6/17/2025	34	0.03	15.1	7.4	11.3	5.53	20.9	0.08
	6/27/2025	--	--	--	--	--	--	--	--
	7/8/2025	33	0.05	19.5	11.1	8.3	4.05	20.9	0.06
	7/29/2025	--	--	--	--	--	--	--	--
	8/11/2025	--	0.00	0.0	0.0	0.0	0.00	--	--
	8/26/2025	--	0.00	0.0	0.0	1.0	0.49	--	--
	9/9/2025	--	0.00	0.0	0.0	0.5	0.25	--	--
	9/29/2025	4	Gauge Broken	--	--	12.0	5.89	20.9	0.01
	10/9/2025	4	Gauge Broken	--	--	12.0	5.88	20.9	0.02
	10/27/2025	1	Gauge Broken	--	--	10.6	5.20	20.9	0.00
	11/18/2025	23	Gauge Broken	--	--	13.4	6.58	20.9	0.07
	11/29/2025	16	2.33	133.5	55.4	14.1	6.93	20.9	0.03
	12/19/2025	16	Gauge Broken	--	--	10.7	5.25	20.8	0.03
	12/27/2025	16	Gauge Broken	--	--	10.1	4.94	20.8	0.04
	1/13/2026	--	--	--	--	--	--	--	--
	1/28/2026	--	--	--	--	--	--	--	--
	2/16/2026	20	0.01	8.7	4.0	12.4	6.08	20.9	0.01
	2/28/2026	15	0.02	12.4	5.8	12.0	5.92	20.9	0.00
	3/9/2026	18	0.02	12.4	5.8	12.0	5.91	20.9	--
	3/24/2026	23	0.04	17.5	8.3	11.9	5.83	20.9	0.01
	4/9/2026	26	0.06	21.4	10.7	10.9	5.38	20.9	0.03
	4/27/2026	30	0.01	8.7	4.3	11.3	5.55	20.9	0.02
	5/11/2026	31	0.03	15.1	7.5	10.9	5.36	20.9	0.01
	5/30/2026	--	--	--	--	--	--	--	--
	6/15/2026	8	0.11	29.0	12.9	12.9	6.34	20.9	0.00
	6/24/2026	4	0.08	24.7	11.2	12.6	6.18	20.9	0.00



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS
 Standard #1
 Hilcorp Energy Company
 San Juan County, New Mexico

SVE Well ID	Date	PID (ppm)	Differential Pressure (IWC)	Flow Rate (acfm)	Flow Rate (scfm) ⁽¹⁾	Vacuum (IHG)	Vacuum (psi)	Oxygen (%)	Carbon Dioxide (%)
MW06	1/2/2024	153	--	--	48.0	1.0	0.49	20.9	0.14
	1/3/2024	161	--	--	23.0	1.0	0.49	20.9	0.04
	1/4/2024	--	--	--	48.0	12.0	5.89	--	--
	1/5/2024	295	--	--	26.0	11.5	5.65	19.1	1.41
	1/11/2024	323	1.18	95.0	47.1	11.0	5.40	--	--
	1/18/2024	35	1.12	92.5	42.3	12.5	6.14	--	--
	1/24/2024	439	0.40	55.3	28.2	10.5	5.16	20.9	0.56
	2/1/2024	245	0.17	36.0	23.1	5.5	2.70	--	--
	2/8/2024	220	--	--	--	7.0	3.44	20.9	0.42
	2/15/2024	120	0.15	33.9	20.4	7.0	3.44	20.9	0.12
	2/21/2024	319	0.22	41.0	24.4	7.2	3.54	20.6	0.20
	3/1/2024	121	0.04	17.5	9.6	9.0	4.42	20.9	0.24
	3/7/2024	314	0.65	70.5	38.7	9.0	4.42	20.9	0.16
	3/14/2024	402	0.30	47.9	26.3	9.0	4.42	20.9	0.20
	3/21/2024	372	0.27	45.4	25.5	8.5	4.17	20.9	0.15
	4/1/2024	134	0.04	17.5	9.6	9.0	4.42	--	--
	4/5/2024	202	0.82	79.2	44.5	8.5	4.17	20.2	0.10
	4/19/2024	154	0.34	51.0	28.7	8.5	4.17	20.2	0.12
	5/7/2024	145	0.18	37.1	20.4	9.0	4.42	20.8	0.12
	5/21/2024	139	0.46	59.3	32.9	8.8	4.30	20.3	0.11
	6/6/2024	152	0.84	80.1	45.6	8.3	4.05	20.3	0.12
	6/27/2024	129	--	--	--	8.0	3.93	20.3	0.12
	7/17/2024	51	0.01	8.7	5.0	8.0	3.93	20.4	0.10
	7/29/2024	54	0.63	69.4	39.9	8.0	3.93	20.7	0.10
	8/8/2024	56	0.43	57.3	33.0	8.0	3.93	20.6	0.10
	8/23/2024	34	0.12	30.3	17.6	7.8	3.81	20.7	0.09
	9/6/2024	49	0.03	15.1	8.8	7.8	3.81	20.6	0.10
	9/23/2024	36	0.31	48.7	28.0	8.0	3.93	20.8	0.10
	10/10/2024	36	0.04	17.5	9.9	8.3	4.05	20.7	0.14
	10/24/2024	36	0.06	21.4	11.9	8.8	4.30	20.1	0.27
	11/11/2024	66	0.04	17.5	7.5	13.5	6.63	20.9	0.20
	11/20/2024	62	0.04	17.5	7.5	13.5	6.63	20.9	0.16
	12/10/2024	70	0.19	38.1	16.4	13.5	6.63	20.9	0.16
	12/19/2024	25	0.25	43.7	24.0	9.0	4.42	--	--
	1/13/2025	17	1.39	103.1	55.2	9.5	4.67	20.9	0.03
	1/23/2025	20	0.67	71.6	37.4	10.0	4.91	20.9	0.02
	2/7/2025	--	0.41	56.0	19.7	16.5	8.10	--	--
	2/24/2025	--	0.53	63.6	22.4	16.5	8.10	--	--
	3/10/2025	--	0.42	56.7	27.8	11.3	5.53	--	--
	3/29/2025	14	0.78	77.2	23.7	18.3	8.96	19.2	0.70
	4/16/2025	15	0.27	45.4	14.2	18.0	8.84	20.8	0.20
	4/24/2025	--	--	--	--	--	--	--	--
	5/29/2025	7	0.46	59.3	22.4	15.5	7.61	20.5	0.03
	6/17/2025	6	0.18	37.1	14.3	15.3	7.49	20.6	0.05
	6/27/2025	--	--	--	--	--	--	--	--
	7/8/2025	2	0.07	23.1	11.5	11.0	5.40	20.7	0.05
	7/29/2025	--	--	--	--	--	--	--	--
	8/11/2025	--	0.00	0.0	0.0	2.0	0.98	--	--
	8/26/2025	--	0.00	0.0	0.0	4.3	2.09	--	--
	9/9/2025	--	0.00	0.0	0.0	4.0	1.96	--	--
	9/29/2025	4	0.61	68	33.5	11.2	5.51	20.9	0.10
	10/9/2025	6	0.42	56.7	27.0	11.8	5.79	20.8	0.00
	10/27/2025	1	0.58	66.6	29.5	13.0	6.40	20.9	0.17
	11/18/2025	17	0.01	8.7	2.8	17.6	8.62	20.9	0.12
	11/29/2025	16	0.22	41.0	15.6	15.4	7.59	20.8	0.10
	12/19/2025	23	0.18	37.1	18.0	11.4	5.62	20.9	0.10
	12/27/2025	20	0.30	47.9	22.8	11.8	5.78	20.7	0.08
	1/13/2026	--	--	--	--	--	--	--	--
	1/28/2026	--	--	--	--	--	--	--	--
	2/16/2026	--	0.08	24.7	10.4	13.8	6.80	--	--
	2/28/2026	--	0.02	12.4	6.1	11.2	5.49	--	--
	3/9/2026	--	0.02	12.4	5.9	11.8	5.80	--	--
	3/24/2026	--	0.02	12.4	5.8	12.2	5.98	--	--
	4/9/2026	--	Gauge Broken	--	--	8.8	4.32	20.9	0.11
	4/27/2026	--	Gauge Broken	--	--	9.1	4.45	--	--
	5/11/2026	--	Gauge Broken	--	--	9.6	4.70	--	--
	5/30/2026	--	--	--	--	--	--	--	--
	6/15/2026	--	Gauge Broken	--	--	10.6	5.20	--	--
	6/24/2026	--	Gauge Broken	--	--	8.1	3.99	--	--



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS
 Standard #1
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 San Juan County, New Mexico

SVE Well ID	Date	PID (ppm)	Differential Pressure (IWC)	Flow Rate (acfm)	Flow Rate (scfm) ⁽¹⁾	Vacuum (IHG)	Vacuum (psi)	Oxygen (%)	Carbon Dioxide (%)
MW10	1/2/2024	104	--	--	44.0	1.0	0.49	20.9	0.08
	1/3/2024	92	--	--	16.0	1.0	0.49	20.9	0.02
	1/4/2024	--	--	--	85.0	14.0	6.88	--	--
	1/5/2024	147	--	--	69.0	13.5	6.63	20.9	0.36
	1/11/2024	59	0.88	82	43.9	9.5	4.67	--	--
	1/18/2024	256	0.77	77	35.1	12.5	6.14	--	--
	1/24/2024	7	0.62	69	34.2	11.0	5.40	20.9	0.00
	2/1/2024	435	0.21	40	26.2	5.0	2.46	--	--
	2/8/2024	381	--	--	--	7.0	3.44	20.9	0.32
	2/15/2024	205	0.05	20	11.8	7.0	3.44	20.6	0.18
	2/21/2024	204	0.03	15	9.1	7.0	3.44	20.7	0.16
	3/1/2024	91	0.12	30	16.6	9.0	4.42	20.9	0.12
	3/7/2024	60	0.34	51	28.0	9.0	4.42	20.9	0.18
	3/14/2024	75	0.57	66	36.2	9.0	4.42	20.9	0.16
	3/21/2024	77	0.48	61	33.2	9.0	4.42	20.9	0.13
	4/1/2024	280	0.00	0	0.0	9.0	4.42	--	--
	4/5/2024	321	0.69	73	39.9	9.0	4.42	20.4	0.13
	4/19/2024	297	0.17	36	20.3	8.5	4.17	20.5	0.14
	5/7/2024	242	0.12	30	17.0	8.5	4.17	20.6	0.13
	5/21/2024	234	0.06	21	12.0	8.5	4.17	20.7	0.13
	6/6/2024	196	0.04	17	9.5	9.3	4.54	20.8	0.16
	6/27/2024	302	0.22	41	21.4	10.0	4.91	20.8	0.15
	7/17/2024	66	--	--	--	10.3	5.03	20.9	0.11
	7/29/2024	61	--	--	--	10.3	5.03	20.9	0.10
	8/12/2024	61	0.56	65	33.8	10.3	5.03	20.9	0.11
	8/23/2024	51	0.89	82	40.4	11.3	5.53	20.9	0.08
	9/6/2024	80	Gauge Broken	--	--	11.0	5.40	20.9	0.08
	9/23/2024	50	0.87	82	41.6	10.5	5.16	20.8	0.14
	10/10/2024	49	Gauge Broken	--	--	8.5	4.17	20.7	0.13
	10/24/2024	28	Gauge Broken	--	--	5.3	2.58	20.6	0.13
	11/11/2024	19	Gauge Broken	--	--	12.0	5.89	20.9	0.12
	11/20/2024	38	2.77	146	66.5	12.5	6.14	20.9	0.08
	12/10/2024	24	0.15	34	15.5	12.5	6.14	20.9	0.09
	12/19/2024	44	0.21	40	24.1	7.0	3.44	--	--
	1/13/2025	40	0.32	49	28.8	7.8	3.81	20.9	0.07
	1/23/2025	60	0.22	41	23.6	8.0	3.93	20.9	0.07
	2/7/2025	--	0.65	70	38.7	9.0	4.42	--	--
	2/24/2025	--	Gauge Broken	--	--	10.0	4.91	--	--
	3/10/2025	--	Gauge Broken	--	--	9.5	4.67	--	--
	3/29/2025	18	0.02	12	5.4	13.3	6.51	20.2	0.20
	4/16/2025	23	0.01	9	3.4	15.0	7.37	20.9	0.00
	4/24/2025	--	--	--	--	--	--	--	--
	5/29/2025	20	0.01	9	3.0	16.8	8.23	20.9	0.09
	6/17/2025	15	0.03	15	5.1	17.0	8.35	20.9	0.08
	6/27/2025	--	--	--	--	--	--	--	--
	7/8/2025	9	0.02	12	5.7	12.5	6.14	20.9	0.01
	7/29/2025	--	--	--	--	--	--	--	--
	8/11/2025	6	0.01	9	4.4	10.8	5.28	20.7	0.11
	8/26/2025	54	0.03	15	10.7	3.0	1.47	20.9	0.14
	9/9/2025	41	0.02	12	8.6	3.5	1.72	20.9	0.10
	9/29/2025	3	2.32	133	63.3	11.8	5.80	20.2	0.16
	10/9/2025	2	2.57	140	68.2	11.4	5.59	20.9	0.11
	10/27/2025	4	2.42	136	62.0	12.5	6.16	20.9	0.01
	11/18/2025	31	2.77	146	47.2	17.6	8.62	20.9	0.05
	11/29/2025	20	Gauge Broken	--	--	16.4	8.06	20.9	0.01
	12/19/2025	26	Gauge Broken	--	--	13.9	6.81	20.9	0.01
	12/27/2025	22	Gauge Broken	--	--	13.4	6.58	20.9	0.02
	1/13/2026	--	--	--	--	--	--	--	--
	1/28/2026	--	--	--	--	--	--	--	--
	2/16/2026	25	0.91	83	35.7	13.6	6.69	20.9	0.05
	2/28/2026	20	1.62	111	52.3	12.0	5.90	20.9	0.07
	3/9/2026	22	0.24	43	21.5	10.8	5.28	20.9	--
	3/24/2026	49	0.16	35	18.2	10.1	4.94	20.9	0.09
	4/9/2026	41	0.02	12	6.5	9.9	4.85	20.9	0.11
	4/27/2026	35	0.01	9	4.4	10.7	5.26	20.9	0.07
	5/11/2026	43	0.01	9	4.1	12.2	5.98	20.9	0.08
	5/30/2026	--	--	--	--	--	--	--	--
	6/15/2026	23	0.05	20	8.8	12.7	6.24	20.9	0.04
	6/24/2026	14	0.04	17	7.9	12.8	6.28	20.9	0.03



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS

Standard #1

Hilcorp Energy Company
San Juan County, New Mexico

SVE Well ID	Date	PID (ppm)	Differential Pressure (IWC)	Flow Rate (acfm)	Flow Rate (scfm) ⁽¹⁾	Vacuum (IHG)	Vacuum (psi)	Oxygen (%)	Carbon Dioxide (%)
MW15	1/2/2024	126	--	--	46.0	1.0	0.49	20.9	0.12
	1/3/2024	125	--	--	20.0	1.0	0.49	20.9	0.02
	1/4/2024	--	--	--	45.0	11.5	5.65	--	--
	1/5/2024	138	--	--	43.0	11.5	5.65	20.9	0.10
	1/11/2024	Frozen							
	1/18/2024	124	3.78	170.0	79.9	12.0	5.89	--	--
	1/24/2024	425	0.18	37.1	20.8	8.5	4.17	20.9	0.18
	2/1/2024	34	0.12	30.3	19.0	6.0	2.95	--	--
	2/8/2024	90	--	--	--	5.0	2.43	20.9	0.06
	2/15/2024	25	0.05	19.5	11.8	7.0	3.44	20.9	0.08
	2/21/2024	57	--	--	--	--	--	20.9	0.08
	3/1/2024	129	0.07	23.1	12.7	9.0	4.42	20.9	0.00
	3/7/2024	114	0.16	35.0	19.2	9.0	4.42	20.9	0.00
	3/14/2024	130	0.13	31.5	17.3	9.0	4.42	20.9	0.00
	3/21/2024	122	0.13	31.5	17.3	9.0	4.42	20.9	0.00
	4/1/2024	25	0.30	47.9	26.3	9.0	4.42	--	--
	4/5/2024	34	0.23	41.9	23.6	8.5	4.17	20.4	0.00
	4/19/2024	73	0.03	15.1	8.5	8.5	4.17	20.6	0.00
	5/7/2024	50	0.24	42.8	24.1	8.5	4.17	20.8	0.00
	5/21/2024	23	0.24	42.8	24.1	8.5	4.17	20.5	0.00
	6/6/2024	269	0.00	0.0	0.0	9.0	4.42	20.3	0.17
	6/27/2024	169	0.52	63.0	33.8	9.5	4.67	20.4	0.02
	7/17/2024	10	0.02	12.4	6.4	10.3	5.03	20.9	0.11
	7/29/2024	16	0.09	26.2	13.7	10.0	4.91	20.9	0.00
	8/12/2024	19	0.03	15.1	7.8	10.3	5.03	20.9	0.00
	8/23/2024	13	0.02	12.4	6.5	10.0	4.91	20.9	0.00
	9/6/2024	27	Gauge Broken	--	--	10.8	5.28	20.9	0.00
	9/23/2024	32	0.02	12.4	6.4	10.3	5.03	20.7	0.10
	10/10/2024	39	0.01	8.7	4.5	10.3	5.03	20.7	0.13
	10/24/2024	18	Gauge Broken	--	--	12.5	6.14	20.9	0.00
	11/11/2024	78	0.02	12.4	5.7	12.5	6.14	20.9	0.15
	11/20/2024	92	Gauge Broken	--	--	13.5	6.63	20.9	0.12
	12/10/2024	84	0.01	8.7	3.9	13.0	6.39	20.9	0.12
	12/19/2024	33	0.28	46.3	26.6	8.0	3.93	--	--
	1/13/2025	20	0.65	70.5	40.1	8.3	4.05	20.9	0.00
	1/23/2025	26	0.46	59.3	33.3	8.5	4.17	20.9	0.00
	2/7/2025	--	Gauge Broken	--	--	15.0	7.37	--	--
	2/24/2025	--	Gauge Broken	--	--	15.0	7.37	--	--
	3/10/2025	--	Gauge Broken	--	--	6.8	3.32	--	--
	3/29/2025	28	Gauge Broken	--	--	16.5	8.10	20.5	0.30
	4/16/2025	60	Gauge Broken	--	--	8.3	4.05	20.9	0.10
	4/24/2025	--	--	--	--	--	--	--	--
	5/29/2025	61	Gauge Broken	--	--	12.3	6.02	18.7	>5.0
	6/17/2025	51	Gauge Broken	--	--	11.5	5.65	18.9	0.97
	6/27/2025	--	--	--	--	--	--	--	--
	7/8/2025	23	Gauge Broken	--	--	10.0	4.91	20.8	0.55
	7/29/2025	--	--	--	--	--	--	--	--
	8/11/2025	--	2.42	136.0	99.6	2.0	0.98	--	--
	8/26/2025	--	0.57	66.0	49.2	1.5	0.74	--	--
	9/9/2025	--	1.31	100.1	73.3	2.0	0.98	--	--
	9/29/2025	190	--	--	--	12.1	5.94	19.3	>1.0
	10/9/2025	211	0.43	57.3	28.2	11.2	5.50	20.3	>1.0
	10/27/2025	223	0.45	58.6	20.8	16.4	8.06	20.9	0.00
	11/18/2025	20	0.79	77.7	29.2	15.6	7.67	20.5	0.58
	11/29/2025	11	0.66	71.0	26.0	16.0	7.85	20.7	0.05
	12/19/2025	10	0.32	49.5	24.3	11.2	5.49	20.8	0.05
	12/27/2025	11	0.41	56.0	26.3	12.0	5.91	20.9	0.07
	1/13/2026	--	--	--	--	--	--	--	--
	1/28/2026	--	--	--	--	--	--	--	--
	2/16/2026	16	0.00	0.0	0.0	14.6	7.18	20.9	0.04
	2/28/2026	25	0.00	0.0	0.0	14.5	7.11	20.9	0.01
	3/9/2026	25	0.00	0.0	0.0	12.0	5.92	20.9	--
	3/24/2026	35	0.01	8.7	4.0	12.4	6.11	20.9	0.01
	4/9/2026	282	0.03	15.1	7.5	11.1	5.44	20.5	0.63
	4/27/2026	10	0.00	0.0	0.0	12.2	5.99	20.9	0.00
	5/11/2026	110	0.00	0.0	0.0	0.0	0.00	20.9	0.07
	5/30/2026	--	--	--	--	--	--	--	--
	6/15/2026	11	0.00	0.0	0.0	0.0	0.00	20.9	0.00
	6/24/2026	3	0.00	0.0	0.0	0.0	0.00	20.9	0.01



TABLE 2 DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS Standard #1 Hilcorp Energy Company San Juan County, New Mexico									
SVE Well ID	Date	PID (ppm)	Differential Pressure (IWC)	Flow Rate (acfm)	Flow Rate (scfm) ⁽¹⁾	Vacuum (IHG)	Vacuum (psi)	Oxygen (%)	Carbon Dioxide (%)

Notes:
(1) Individual Well Flow Rates in scfm estimated based on rotometer readings from 1/2/24 to 1/5/24
IHG: inches of mercury
PID: photoionization detector
ppm: parts per million
acfm: actual cubic feet per minute
scfm: standard cubic feet per minute
%: percent
--: not measured



TABLE 3
DUAL PHASE EXTRACTION SYSTEM EMISSIONS ANALYTICAL RESULTS
 Standard #1
 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 (%)
1/2/2024	198	0.58	2.8	0.42	8.9	170	21.64	0.09
1/3/2024	69	0.21	1.2	0.24	5.0	69	21.71	0.06
1/4/2024	467	29	40	<5.0	18	3,400	17.40	4.80
1/5/2024	416	18	26	<5.0	8.7	2,300	20.83	1.26
1/12/2024 ⁽¹⁾	993	22	42	<5.0	56	6,500	20.53	1.49
1/18/2024	234	21	28	<5.0	10	2,700	21.30	0.42
1/24/2024	523	22	40	<5.0	30	4,400	21.19	0.57
2/8/2024	350	19	31	<5.0	34	2,200	21.33	0.51
2/21/2024	400	13	18	<2.0	18	2,900	19.74	0.40
3/7/2024	525	14	28	<5.0	36	2,100	21.91	0.30
3/21/2024	568	15	27	1.1	34	2,900	21.57	0.29
5/7/2024	337	5.2	9.2	<2.0	10	1,400	22.02	0.31
7/30/2024 ⁽²⁾	190	3.9	7.3	<2.0	6.6	980	21.14	0.27
9/5/2024	156	3.2	8.1	<2.0	6.6	680	22.07	0.21
11/20/2024	79	8.2	44.0	3.1	43	1,300	21.34	0.12
2/7/2025	32	1.6	4.8	0.34	5.3	140	21.68	0.13
5/29/2025	23	1.3	1.7	<0.20	2.2	68	21.49	0.14
8/11/2025	7	<2.0	<2.0	<2.0	<3.0	170	22.12	0.15
11/18/2025	58	2.0	22	1.6	18	180	21.90	0.19
2/16/2026	37	0.71	3.5	<0.50	6.9	120	21.86	0.17
5/30/2026	45	1.4	1.6	<0.50	1.1	30	--	--

Notes:

GRO: gasoline range organics

µg/L: microgram per liter

PID: photoionization detector

ppm: parts per million

(1) PID reading is from 1/11/2024

(2) PID Reading is from 7/29/2024

TVPH: total volatile petroleum hydrocarbons

%: percent

--: not sampled



TABLE 4
DUAL PHASE EXTRACTION SYSTEM MASS REMOVAL AND EMISSIONS
 Standard #1
 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 (µg/L)
1/2/2024	198	0.58	2.8	0.42	8.9	170
1/3/2024	69	0.21	1.2	0.24	5.0	69
1/4/2024	467	29	40	<5.0	18	3,400
1/5/2024	416	18	26	<5.0	8.7	2,300
1/12/2024 ⁽¹⁾	993	22	42	<5.0	56	6,500
1/18/2024	234	21	28	<5.0	10	2,700
1/24/2024	523	22	40	<5.0	30	4,400
2/8/2024	350	19	31	<5.0	34	2,200
2/21/2024	400	13	18	<2.0	18	2,900
3/7/2024	525	14	28	<5.0	36	2,100
3/21/2024	568	15	27	1.1	34	2,900
5/7/2024	337	5.2	9.2	<2.0	10	1,400
7/30/2024 ⁽²⁾	190	3.9	7.3	<2.0	6.6	980
9/5/2024	156	3.2	8.1	<2.0	6.6	680
11/20/2024	79	8.2	44.0	3.1	43	1,300
2/7/2025	32	1.6	4.8	0.34	5.3	140
5/29/2025	23	1.3	1.7	<0.20	2.2	68
8/11/2025	7	<2.0	<2.0	<2.0	<3.0	170
11/18/2025	58	2.0	22	1.6	18	180
2/16/2026	37	0.71	3.5	<0.50	6.9	120
5/30/2026	45	1.40	1.6	<0.50	1.1	30
Average	272	10	18	2.5	17	1,653

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)
1/2/2024	534	0	0	0.0012	0.0056	0.0008	0.0178	0.34
1/3/2024	534	762,552	762,552	0.0008	0.0040	0.0007	0.0139	0.24
1/4/2024	398	1,347,612	585,060	0.0217	0.0307	0.0039	0.0171	2.58
1/5/2024	216	1,648,284	300,672	0.0190	0.0267	0.0040	0.0108	2.30
1/12/2024 ⁽¹⁾	187	3,569,148	1,920,864	0.0140	0.0238	0.0035	0.0226	3.08
1/18/2024	220	5,271,948	1,702,800	0.0177	0.0288	0.0041	0.0272	3.78
1/24/2024	260	7,487,148	2,215,200	0.0209	0.0331	0.0049	0.0194	3.45
2/8/2024	340	14,749,548	7,262,400	0.0261	0.0451	0.0064	0.0407	4.20
2/21/2024	340	21,055,188	6,305,640	0.0203	0.0312	0.0045	0.0331	3.24
3/7/2024	271	26,939,682	5,884,494	0.0137	0.0233	0.0035	0.0274	2.53
3/21/2024	282	32,540,202	5,600,520	0.01529	0.0290	0.00322	0.0369	2.64
5/7/2024	247	48,738,462	16,198,260	0.00933	0.0167	0.00143	0.0203	1.99
7/30/2024 ⁽²⁾	249	78,153,828	29,415,366	0.00424	0.0077	0.00186	0.0077	1.11
9/5/2024	151	86,402,958	8,249,130	0.00200	0.0043	0.00113	0.0037	0.47
11/20/2024	162	101,591,430	15,188,472	0.00345	0.0158	0.00155	0.0150	0.60
2/7/2025	109	113,301,954	11,710,524	0.00200	0.0099	0.00070	0.0098	0.29
5/29/2025	120	126,586,674	13,284,720	0.00065	0.0015	0.00012	0.0017	0.05
8/11/2025	62	132,471,342	5,884,668	0.00038	0.0004	0.00026	0.0006	0.03
11/18/2025	63	140,881,842	8,410,500	0.00047	0.0028	0.00042	0.0025	0.04
2/16/2026	114	154,590,570	13,708,728	0.00058	0.0054	0.00045	0.0053	0.06
5/30/2026	143	174,268,800	19,678,230	0.00056	0.0014	0.00027	0.0021	0.04
Average				0.0093	0.017	0.0023	0.016	1.57

Date	Total SVE System Hours	Delta Hours	Benzene (pounds)	Toluene (pounds)	Ethylbenzene (pounds)	Total Xylenes (pounds)	TVPH (pounds)	TVPH (tons)
1/2/2024	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/3/2024	28	24	0.0	0.1	0.0	0.3	5.7	0.0
1/4/2024	53	25	0.5	0.8	0.1	0	63	0.03
1/5/2024	76	23	0.4	0.6	0.1	0.3	53	0.03
1/12/2024 ⁽¹⁾	247	171	2.4	4.1	0.6	4	527	0.26
1/18/2024	376	129	2.3	3.7	0.5	4	488	0.24
1/24/2024	518	142	3.0	4.7	0.7	2.8	490	0.25
2/8/2024	874	356	9.3	16	2.3	14	1,494	0.75
2/21/2024	1,183	309	6.29	9.6	1.4	10	1,002	0.50
3/7/2024	1,545	362	4.95	8.4	1.3	10	917	0.46
3/21/2024	1,876	331	5.06	9.6	1.06	12.2	873	0.44
5/7/2024	2,969	1,093	10.20	18.3	1.57	22.2	2,171	1.09
7/30/2024 ⁽²⁾	4,938	1,969	8.34	15.1	3.67	15.2	2,182	1.09
9/5/2024	5,848	911	1.83	4.0	1.03	3.4	427	0.21
11/20/2024	7,411	1,563	5.40	24.7	2.41	23.5	937	0.47
2/7/2025	9,202	1,791	3.58	17.8	1.26	17.6	526	0.26
5/29/2025	11,047	1,845	1.20	2.7	0.22	3.1	86	0.04
8/11/2025	12,629	1,582	0.61	0.7	0.40	1.0	44	0.02
11/18/2025	14,854	2,225	1.05	6.3	0.94	5.5	92	0.05
2/16/2026	16,858	2,004	1.16	10.9	0.90	10.6	128	0.06
5/30/2026	19,151	2,294	1.29	3.1	0.61	4.9	92	0.05
Total Mass Recovery to Date			69	161	21	165	12,598	6.30

Notes:

cf: cubic feet

cfm: cubic feet per minute

µg/L: micrograms per liter

lb/hr: pounds per hour

--: not sampled

PID: photoionization detector

ppm: parts per million

TVPH: total volatile petroleum hydrocarbons

Laboratory detection limit used to estimate mass removal

(1) PID reading, flow rate, and hour meter are from 1/11/2024

(2) PID reading, flow rate, and hour meter are from 7/29/2024



Date/Time	Hour Meter Reading	Flow Meter Reading (gal)	Gallons Recovered this Period	Cumulative Volume Recovered (gal)	Time Period (hr:min:sec)	Time Period (min)	Recovery Rate		Notes
							(gpm)	(gal/day)	
1/11/24 13:15	219	2,648	0	0	--	--	--	--	
1/18/24 14:05	376	8,518	5,870	5,870	168:50:00	10,130	0.58	834	
1/24/24 12:30	518	12,337	3,819	9,689	142:25:00	8,545	0.45	644	
2/1/24 11:00	707	14,170	1,834	11,522	190:30:00	11,430	0.16	231	
2/8/24 10:39	874	17,328	3,158	14,680	167:39:00	10,059	0.31	452	
2/15/24 10:40	1,040	21,029	3,701	18,381	168:01:00	10,081	0.37	529	
2/21/24 10:05	1,183	23,866	2,837	21,218	143:25:00	8,605	0.33	475	
3/1/24 13:20	1,399	28,034	4,168	25,385	219:15:00	13,155	0.32	456	
3/7/24 14:50	1,545	32,076	4,042	29,428	145:39:00	8,730	0.46	667	
3/14/24 13:05	1,710	36,362	4,286	33,713	166:15:00	9,975	0.43	619	
3/21/24 10:02	1,876	40,443	4,082	37,795	164:57:00	9,897	0.41	594	
4/1/24 13:00	--	--	--	--	--	--	--	--	
4/5/24 10:00	2,201	48,058	7,614	45,409	359:58:00	21,598	0.35	508	
4/19/24 10:44	2,537	55,292	7,234	52,643	336:44:00	20,204	0.36	516	
5/7/24 10:07	2,969	63,559	8,268	60,911	431:23:00	25,883	0.32	460	
5/21/24 16:22	3,310	69,749	6,190	67,101	342:15:00	20,535	0.30	434	
6/6/24 11:11	3,661	75,626	5,877	72,977	378:49:00	22,729	0.26	372	
6/27/24 13:30	4,167	84,339	8,714	81,691	506:19:00	30,379	0.29	413	
7/1/24 11:33	4,645	92,352	8,013	89,704	478:03:00	28,683	0.28	402	
7/29/24 16:29	4,938	97,043	4,691	94,395	292:56:00	17,576	0.27	384	
8/1/24 14:38	5,272	101,851	4,808	99,203	334:09:00	20,049	0.24	345	
8/23/24 13:05	5,535	105,593	3,732	102,935	262:27:00	15,747	0.24	341	
8/24/24 14:56	5,848	109,915	4,332	107,267	313:51:00	19,831	0.23	331	
9/23/24 12:05	6,278	115,338	5,423	112,689	429:09:00	25,749	0.21	303	
10/10/24 15:05	6,640	118,996	3,659	116,348	411:00:00	24,660	0.15	214	
10/24/24 11:23	6,972	122,790	3,794	120,142	332:18:00	19,938	0.19	274	
11/11/24 11:45	7,193	124,182	1,392	121,533	432:22:00	25,942	0.05	77	
11/20/24 14:04	7,411	125,918	1,737	123,270	218:19:00	13,099	0.13	191	
12/10/24 12:57	7,784	128,057	2,139	125,409	478:53:00	28,733	0.07	107	
12/19/24 13:33	7,999	128,700	643	126,052	216:36:00	12,996	0.05	71	
1/13/25 13:08	8,599	129,849	1,149	127,201	599:35:00	35,975	0.03	46	
1/23/25 12:25	8,838	130,349	500	127,701	239:17:00	14,357	0.03	50	
2/7/25 15:52	9,202	132,316	1,967	129,667	363:27:00	21,807	0.09	130	
2/24/25 12:29	9,606	135,059	2,744	132,411	404:47:00	24,277	0.11	163	
3/10/25 11:35	9,940	136,075	1,016	133,427	335:06:00	20,106	0.05	73	
3/29/25 14:35	10,255	136,824	749	134,175	459:00:00	27,540	0.03	39	
4/16/25 14:16	10,686	138,721	1,898	136,073	431:41:00	25,901	0.07	105	
4/24/25 13:19	10,877	139,311	590	136,662	191:03:00	11,463	0.05	74	
5/29/25 13:22	11,047	140,751	1,440	138,102	840:03:00	50,403	0.03	41	
6/17/25 12:53	11,500	144,109	3,358	141,460	455:31:00	27,331	0.12	177	
6/27/25 11:03	11,682	144,802	694	142,154	238:10:00	14,290	0.05	70	
7/8/25 10:25	11,822	145,573	771	142,925	263:22:00	15,802	0.05	70	
8/11/25 11:59	12,629	147,355	1,782	144,706	817:34:00	49,054	0.04	52	
8/26/25 11:57	12,988	147,524	169	144,876	359:58:00	21,598	0.01	11	
9/9/25 12:29	13,324	147,524	0	144,876	336:32:00	20,192	0.00	0	
9/29/25 11:34	13,660	147,681	157	145,032	479:05:00	28,745	0.01	8	
10/9/25 12:41	13,997	148,061	380	145,412	241:07:00	14,457	0.03	38	
10/27/25 13:34	14,329	149,898	1,838	147,250	432:53:00	25,973	0.07	102	
11/18/25 10:43	14,854	151,529	1,631	148,881	525:09:00	31,509	0.05	75	
11/29/25 13:49	15,120	152,393	864	149,745	267:06:00	16,026	0.05	78	
12/19/25 12:23	15,470	156,987	4,595	154,339	478:34:00	28,714	0.16	230	
12/27/25 13:36	15,661	160,465	3,478	157,817	193:13:00	11,593	0.30	432	
1/13/26 10:44	16,044	165,932	5,466	163,283	405:08:00	24,308	0.22	324	
1/28/26 11:12	16,404	165,932	1	163,284	360:28:00	21,628	0.00	0	
2/16/26 13:57	16,858	170,550	4,617	167,901	458:45:00	27,525	0.17	242	
2/28/26 12:37	17,142	174,438	3,889	171,790	286:40:00	17,200	0.23	326	
3/9/26 14:10	17,357	177,339	2,900	174,690	217:33:00	13,053	0.22	320	
3/24/26 14:02	17,566	180,321	2,982	177,673	359:52:00	21,592	0.14	199	
4/8/26 15:47	17,949	183,676	3,355	181,027	385:45:00	23,145	0.14	209	
4/27/26 13:19	18,370	189,853	6,977	188,004	429:32:00	25,772	0.27	390	
5/17/26 14:47	18,704	195,616	4,953	192,958	337:28:00	20,248	0.25	353	
5/30/26 9:47	19,151	201,839	6,223	199,181	451:00:00	27,060	0.23	331	
6/15/26 10:29	19,525	207,009	5,170	204,360	384:42:00	23,082	0.22	323	
6/24/26 12:34	19,734	209,889	2,881	207,241	218:05:00	13,085	0.22	317	

Notes:

bbl: barrel
 ft: feet
 gal: gallon
 gal/day: gallon per day
 gpm: gallon per minute
 hr: hour
 in: inch
 min: minute
 sec: second
 Dashed line indicated quarter change
 --: not applicable

Total Quantity of Liquid Removed: 207,241 Gal

4,934 bbl



TABLE 6
GROUNDWATER ELEVATION
 Standard #1
 Hilcorp Energy Company
 San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW01	5,789.08	10/22/2018	20.80	20.97	0.17	5,768.25
		3/29/2019	20.69	21.35	0.66	5,768.26
		6/28/2019	20.70	21.44	0.74	5,768.23
		9/17/2019	20.64	20.83	0.19	5,768.40
		12/17/2019	20.50	20.89	0.39	5,768.50
		3/12/2020	20.49	20.76	0.27	5,768.54
		6/25/2020	20.39	20.65	0.26	5,768.64
		9/23/2020	20.19	20.46	0.27	5,768.84
		3/21/2021	20.11	20.20	0.09	5,768.95
		6/14/2021	Trace	20.18	Trace	5,768.90
		9/20/2021	--	19.62	--	5,769.46
		12/2/2021	Trace	19.50	Trace	5,769.58
		3/1/2022	Trace	19.62	Trace	5,769.46
		6/7/2022	Trace	19.39	Trace	5,769.69
		9/29/2022	19.08	19.10	0.02	5,770.00
		12/8/2022	19.05	19.12	0.07	5,770.02
		3/2/2023	18.91	18.93	0.02	5,770.17
		6/16/2023	18.80	18.90	0.10	5,770.26
		9/15/2023	--	18.55	--	5,770.53
		12/14/2023	--	--	--	--
		3/27/2024	--	20.18	--	5,768.90
		6/3/2024	Trace	20.19	Trace	5,768.89
		9/23/2024	Trace	20.33	Trace	5,768.75
		12/9/2024	Trace	20.23	Trace	5,768.85
		3/20/2025	Trace	19.78	Trace	5,769.30
		6/16/2025	Trace	19.80	Trace	5,769.28
		9/15/2025	Trace	19.80	Trace	5,769.28
MW02	5,789.36	10/22/2018	--	21.12	--	5,768.24
		3/29/2019	20.85	21.11	0.26	5,768.46
		6/28/2019	20.95	21.30	0.35	5,768.34
		9/17/2019	20.80	20.85	0.05	5,768.55
		12/17/2019	--	20.74	--	5,768.62
		3/12/2020	--	20.65	--	5,768.71
		6/25/2020	--	20.58	--	5,768.78
		9/23/2020	--	20.43	--	5,768.93
		3/31/2021	--	20.29	--	5,769.07
		6/14/2021	Trace	20.21	Trace	5,769.15
		9/20/2021	--	19.77	--	5,769.59
		12/3/2021	--	19.68	--	5,769.68
		3/1/2022	--	19.83	--	5,769.53
		6/7/2022	Trace	19.56	Trace	5,769.80
		9/29/2022	--	19.26	--	5,770.10
		12/8/2022	--	19.22	--	5,770.14
		3/2/2023	Trace	19.06	Trace	5,770.30
		6/16/2023	Trace	18.90	Trace	5,770.46
		9/15/2023	--	18.79	--	5,770.57
		12/14/2023	--	--	--	--
		3/27/2024	--	19.69	--	5,769.67
		6/3/2024	Trace	19.57	Trace	5,769.79
		9/23/2024	Trace	19.68	Trace	5,769.68
		12/9/2024	Trace	18.89	Trace	5,770.47
		3/20/2025	Trace	19.25	Trace	5,770.11
		6/16/2025	Trace	19.30	Trace	5,770.06
		9/15/2025	Trace	19.30	Trace	5,770.06
		12/10/2025	--	18.45	--	5,770.91
		3/19/2026	Trace	19.41	Trace	5,769.95
		6/17/2026	Trace	21.09	Trace	5,768.27



TABLE 6
GROUNDWATER ELEVATION
 Standard #1
 Hilcorp Energy Company
 San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW03	5,792.06	10/22/2018	--	DRY	--	DRY
		3/29/2019	--	30.90	--	5,761.16
		6/28/2019	--	32.14	--	5,759.92
		9/17/2019	--	27.32	--	5,764.74
		12/17/2019	--	23.75	--	5,768.31
		3/12/2020	--	23.40	--	5,768.66
		6/25/2020	--	23.25	--	5,768.81
		9/23/2020	--	23.08	--	5,768.98
		3/31/2021	--	22.81	--	5,769.25
		6/14/2021	--	22.61	--	5,769.45
		9/24/2021	22.24	22.25	0.01	5,769.82
		12/3/2021	--	22.17	--	5,769.89
		3/1/2022	--	22.30	--	5,769.76
		6/7/2022	--	22.04	--	5,770.02
		9/29/2022	--	21.71	--	5,770.35
		12/8/2022	--	21.69	--	5,770.37
		3/2/2023	--	21.46	--	5,770.60
		6/16/2023	--	21.29	--	5,770.77
		9/15/2023	--	21.20	--	5,770.86
		12/14/2023	--	--	--	--
		3/27/2024	--	20.46	--	5,771.60
		6/3/2024	--	23.22	--	5,768.84
		9/23/2024	Trace	20.79	Trace	5,771.27
		12/9/2024	Trace	18.66	Trace	5,773.40
		3/21/2025	Trace	19.08	Trace	5,772.98
		6/16/2025	Trace	19.13	Trace	5,772.93
		9/15/2025	Trace	19.26	Trace	5,772.80
		12/10/2025	--	17.62	--	5,774.44
		3/19/2026	Trace	19.09	Trace	5,772.97
		6/17/2026	Trace	20.92	Trace	5,771.14
MW04	5,792.35	10/22/2018	--	31.80	--	5,760.55
		3/29/2019	--	DRY	--	DRY
		6/28/2019	--	DRY	--	DRY
		9/17/2019	--	31.88	--	5,760.47
		12/17/2019	--	31.87	--	5,760.48
		3/12/2020	--	DRY	--	DRY
		6/25/2020	--	31.89	--	5,760.46
		9/23/2020	--	30.99	--	5,761.36
		3/31/2021	--	28.31	--	5,764.04
		6/14/2021	--	26.98	--	5,765.37
		9/24/2021	--	24.85	--	5,767.50
		12/3/2021	--	22.12	--	5,770.23
		3/1/2022	--	22.52	--	5,769.83
		6/7/2022	--	21.38	--	5,770.97
		9/29/2022	--	21.13	--	5,771.22
		12/8/2022	Trace	21.00	Trace	5,771.35
		3/2/2023	--	20.72	--	5,771.63
		6/16/2023	Trace	20.45	Trace	5,771.90
		9/15/2023	--	20.49	--	5,771.86
		12/14/2023	--	20.47	--	5,771.88
		3/27/2024	Trace	20.60	Trace	5,771.75
		6/3/2024	--	20.48	--	5,771.87
		9/23/2024	Trace	20.77	Trace	5,771.58
		12/9/2024	Trace	20.22	Trace	5,772.13
		3/21/2025	Trace	20.08	Trace	5,772.27
		6/16/2025	Trace	20.15	Trace	5,772.20
		9/15/2025	Trace	21.77	Trace	5,770.58
		12/8/2025	--	20.05	--	5,772.30
		3/19/2026	--	20.00	--	5,772.35
		6/17/2026	--	21.98	--	5,770.37



TABLE 6 GROUNDWATER ELEVATION Standard #1 Hilcorp Energy Company San Juan County, New Mexico						
Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW05	5,792.60	10/22/2018	--	28.39	--	5,764.21
		3/29/2019	--	24.65	--	5,767.95
		6/28/2019	--	24.53	--	5,768.07
		9/17/2019	--	21.41	--	5,771.19
		12/17/2019	--	21.25	--	5,771.35
		3/12/2020	--	21.10	--	5,771.50
		6/25/2020	--	21.13	--	5,771.47
		9/23/2020	--	20.93	--	5,771.67
		3/31/2021	--	20.76	--	5,771.84
		6/14/2021	--	20.61	--	5,771.99
		9/24/2021	--	20.37	--	5,772.23
		12/3/2021	--	20.41	--	5,772.19
		3/1/2022	--	20.58	--	5,772.02
		6/7/2022	Trace	20.24	Trace	5,772.36
		9/29/2022	Trace	20.02	Trace	5,772.58
		12/8/2022	Trace	19.97	Trace	5,772.63
		3/2/2023	Trace	19.82	Trace	5,772.78
		6/16/2023	Trace	19.63	Trace	5,772.97
		9/15/2023	--	19.61	--	5,772.99
		12/14/2023	--	19.61	--	5,772.99
		3/27/2024	Trace	20.12	Trace	5,772.48
		6/3/2024	Trace	20.03	Trace	5,772.57
		9/23/2024	Trace	20.05	Trace	5,772.55
		12/9/2024	Trace	19.67	Trace	5,772.93
		3/21/2025	Trace	19.50	Trace	5,773.10
		6/16/2025	Trace	19.59	Trace	5,773.01
		9/16/2025	Trace	20.48	Trace	5,772.12
		12/8/2025	--	19.26	--	5,773.34
		3/19/2026	Trace	19.28	Trace	5,773.32
		6/17/2026	Trace	21.81	Trace	5,770.79
MW06	5,792.31	10/22/2018	24.08	24.48	0.40	5,768.15
		3/29/2019	23.55	24.00	0.45	5,768.67
		6/28/2019	23.72	23.95	0.23	5,768.54
		9/17/2019	20.67	20.75	0.08	5,771.62
		12/17/2019	20.61	20.62	0.01	5,771.70
		3/12/2020	--	20.43	--	5,771.88
		6/25/2020	--	20.36	--	5,771.95
		9/23/2020	--	20.16	--	5,772.15
		3/31/2021	--	19.89	--	5,772.42
		6/14/2021	Trace	19.63	Trace	5,772.68
		9/24/2021	--	19.27	--	5,773.04
		12/3/2021	--	19.27	--	5,773.04
		3/1/2022	--	19.43	--	5,772.88
		6/7/2022	--	19.11	--	5,773.20
		9/29/2022	Trace	18.80	Trace	5,773.51
		12/8/2022	Trace	18.76	Trace	5,773.55
		3/2/2023	Trace	18.52	Trace	5,773.79
		6/16/2023	Trace	18.29	Trace	5,774.02
		9/15/2023	--	18.25	--	5,774.06
		12/14/2023	--	--	--	--
		3/27/2024	--	18.57	--	5,773.74
		6/3/2024	Trace	19.10	Trace	5,773.21
		9/23/2024	Trace	18.55	Trace	5,773.76
		12/9/2024	Trace	17.36	Trace	5,774.95
		3/21/2025	Trace	18.08	Trace	5,774.23
		6/16/2025	Trace	18.17	Trace	5,774.14
		9/16/2025	Trace	18.02	Trace	5,774.29
		12/10/2025	--	17.08	--	5,775.23
		3/19/2026	Trace	17.28	Trace	5,775.03
		6/17/2026	Trace	22.01	Trace	5,770.30



TABLE 6
GROUNDWATER ELEVATION
 Standard #1
 Hilcorp Energy Company
 San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW07	5,791.15	10/22/2018	--	DRY	--	DRY
		3/29/2019	--	DRY	--	DRY
		6/28/2019	--	DRY	--	DRY
		9/17/2019	--	DRY	--	DRY
		12/17/2019	--	DRY	--	DRY
		3/12/2020	--	DRY	--	DRY
		6/25/2020	--	DRY	--	DRY
		9/23/2020	--	DRY	--	DRY
		3/31/2021	--	DRY	--	DRY
		6/14/2021	--	DRY	--	DRY
		9/24/2021	--	DRY	--	DRY
		12/2/2021	--	DRY	--	DRY
		3/1/2022	--	DRY	--	DRY
		6/7/2022	--	DRY	--	DRY
		9/29/2022	--	21.80	--	5,769.35
		12/8/2022	--	22.56	--	5,768.59
		3/2/2023	--	22.32	--	5,768.83
		6/16/2023	--	21.42	--	5,769.73
		9/15/2023	--	DRY	--	DRY
		12/14/2023	--	--	--	--
		3/27/2024	--	--	--	--
		6/3/2024	--	DRY	--	DRY
		9/23/2024	--	DRY	--	DRY
		12/9/2024	--	DRY	--	DRY
		3/21/2025	--	DRY	--	DRY
		6/16/2025	--	DRY	--	DRY
		9/15/2025	--	DRY	--	DRY
		12/8/2025	--	DAMAGED	--	DAMAGED
		3/17/2026	--	DAMAGED	--	DAMAGED
		6/17/2026	--	DAMAGED	--	DAMAGED
MW08	5,792.42	10/22/2018	--	DRY	--	DRY
		3/29/2019	--	DRY	--	DRY
		6/28/2019	--	24.07	--	5,768.35
		9/17/2019	--	23.81	--	5,768.61
		12/17/2019	--	23.42	--	5,769.00
		3/12/2020	--	23.37	--	5,769.05
		6/25/2020	--	23.28	--	5,769.14
		9/23/2021	--	22.88	--	5,769.54
		3/31/2021	--	22.14	--	5,770.28
		6/14/2021	--	21.67	--	5,770.75
		9/24/2021	--	21.52	--	5,770.90
		12/2/2021	--	21.76	--	5,770.66
		3/1/2022	--	21.81	--	5,770.61
		6/7/2022	--	21.17	--	5,771.25
		9/29/2022	--	21.02	--	5,771.40
		12/8/2022	--	20.85	--	5,771.57
		3/2/2023	--	20.52	--	5,771.90
		6/16/2023	--	20.22	--	5,772.20
		9/14/2023	--	20.32	--	5,772.10
		12/14/2023	--	20.26	--	5,772.16
		3/27/2024	--	20.18	--	5,772.24
		6/3/2024	--	20.05	--	5,772.37
		9/23/2024	--	19.90	--	5,772.52
		12/10/2024	--	19.88	--	5,772.54
		3/21/2024	Trace	23.52	Trace	5,768.90
		6/16/2025	--	19.75	--	5,772.67
		9/16/2025	--	20.02	--	5,772.40
		12/8/2025	--	19.84	--	5,772.58
		3/18/2026	--	19.66	--	5,772.76
		6/16/2026	--	19.50	--	5,772.92



TABLE 6 GROUNDWATER ELEVATION Standard #1 Hilcorp Energy Company San Juan County, New Mexico						
Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW09	5,786.16	10/22/2018	--	DRY	--	DRY
		3/29/2019	--	DRY	--	DRY
		6/28/2019	--	DRY	--	DRY
		9/17/2019	--	DRY	--	DRY
		12/17/2019	--	DRY	--	DRY
		3/12/2020	--	DRY	--	DRY
		6/25/2020	--	DRY	--	DRY
		9/23/2020	--	DRY	--	DRY
		3/31/2021	--	DRY	--	DRY
		6/14/2021	--	DRY	--	DRY
		9/24/2021	--	DRY	--	DRY
		12/2/2021	--	DRY	--	DRY
		3/1/2022	--	DRY	--	DRY
		6/7/2022	--	DRY	--	DRY
		9/29/2022	--	DRY	--	DRY
		12/8/2022	--	DRY	--	DRY
		3/2/2023	--	DRY	--	DRY
		6/16/2023	--	22.61	--	5,763.55
		9/15/2023	--	17.37	--	5,768.79
		12/15/2023	--	17.38	--	5,768.78
		3/28/2024	--	24.74	--	5,761.42
		6/3/2024	--	26.65	--	5,759.51
		9/23/2024	--	26.64	--	5,759.52
		12/10/2024	--	26.96	--	5,759.20
		3/20/2025	--	17.55	--	5,768.61
		6/16/2025	--	17.65	--	5,768.51
		9/15/2025	--	18.01	--	5,768.15
		12/8/2025	--	17.11	--	5,769.05
		3/17/2026	--	17.24	--	5,768.92
		6/15/2026	--	17.36	--	5,768.80
MW10	5,789.30	10/22/2018	--	32.26	--	5,757.04
		3/29/2019	21.73	22.04	0.31	5,767.51
		6/28/2019	21.55	21.94	0.39	5,767.67
		9/17/2019	21.23	21.55	0.32	5,768.01
		12/17/2019	20.88	21.71	0.83	5,768.25
		3/12/2020	20.81	21.68	0.87	5,768.32
		6/25/2020	20.75	21.43	0.68	5,768.41
		9/23/2020	20.51	21.03	0.52	5,768.69
		3/31/2021	20.42	20.63	0.21	5,768.84
		6/14/2021	Trace	20.71	Trace	5,768.59
		9/24/2021	--	19.92	--	5,769.38
		12/3/2021	--	19.80	--	5,769.50
		3/1/2022	--	19.95	--	5,769.35
		6/7/2022	Trace	19.70	Trace	5,769.60
		9/29/2022	Trace	19.43	Trace	5,769.87
		12/8/2022	Trace	19.40	Trace	5,769.90
		3/2/2023	Trace	19.27	Trace	5,770.03
		6/16/2023	Trace	19.11	Trace	5,770.19
		9/15/2023	--	19.00	--	5,770.30
		12/15/2023	--	--	--	--
		3/28/2024	--	24.62	--	5,764.68
		6/3/2024	--	DRY	--	DRY
		9/23/2024	Trace	26.48	Trace	5762.82
		12/9/2024	Trace	23.58	Trace	5765.72
		3/20/2025	Trace	24.86	Trace	5764.44
		6/16/2025	Trace	24.75	Trace	5764.55
		9/15/2025	Trace	24.69	Trace	5764.61
		12/8/2025	--	DRY	--	DRY
		3/18/2026	--	DRY	--	DRY
		6/17/2026	--	29.92	--	5759.38



TABLE 6
GROUNDWATER ELEVATION
 Standard #1
 Hilcorp Energy Company
 San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW11	5,787.99	10/22/2018	--	19.89	--	5,768.10
		3/29/2019	--	19.63	--	5,768.36
		6/28/2019	--	19.37	--	5,768.62
		9/17/2019	--	19.31	--	5,768.68
		12/17/2019	--	19.17	--	5,768.82
		3/12/2020	--	18.91	--	5,769.08
		6/25/2020	--	18.85	--	5,769.14
		9/23/2020	--	18.71	--	5,769.28
		3/31/2021	--	18.40	--	5,769.59
		6/14/2021	--	18.06	--	5,769.93
		9/24/2021	--	17.72	--	5,770.27
		12/2/2021	--	17.79	--	5,770.20
		3/1/2022	--	17.90	--	5,770.09
		6/7/2022	--	17.55	--	5,770.44
		9/29/2022	--	17.27	--	5,770.72
		12/8/2022	--	17.19	--	5,770.80
		3/2/2023	--	16.97	--	5,771.02
		6/16/2023	--	16.74	--	5,771.25
		9/14/2023	--	16.75	--	5,771.24
		12/14/2023	--	16.68	--	5,771.31
		3/28/2024	--	17.08	--	5,770.91
		6/3/2024	--	17.05	--	5,770.94
		9/23/2024	--	16.70	--	5,771.29
		12/9/2024	--	16.45	--	5,771.54
		3/21/2025	--	16.35	--	5,771.64
		6/16/2025	--	16.36	--	5,771.63
		9/16/2025	--	16.43	--	5,771.56
		12/9/2025	--	16.56	--	5,771.43
		3/18/2026	--	16.32	--	5,771.67
		6/16/2026	--	16.56	--	5,771.43
MW12	5,789.57	10/22/2018	--	21.77	--	5,767.80
		3/29/2019	--	21.88	--	5,767.69
		6/28/2019	--	21.67	--	5,767.90
		9/17/2019	--	21.49	--	5,768.08
		12/17/2019	--	21.54	--	5,768.03
		3/12/2020	--	21.31	--	5,768.26
		6/25/2020	--	21.21	--	5,768.36
		9/23/2020	--	21.02	--	5,768.55
		3/31/2021	--	20.93	--	5,768.64
		6/14/2021	--	20.61	--	5,768.96
		9/24/2021	--	20.17	--	5,769.40
		12/2/2021	--	20.17	--	5,769.40
		3/1/2022	--	20.30	--	5,769.27
		6/7/2022	--	20.02	--	5,769.55
		9/29/2022	--	19.68	--	5,769.89
		12/8/2022	--	19.57	--	5,770.00
		3/2/2023	--	19.32	--	5,770.25
		6/16/2023	--	19.11	--	5,770.46
		9/14/2023	--	19.04	--	5,770.53
		12/14/2023	--	19.01	--	5,770.56
		3/28/2024	--	19.49	--	5,770.08
		6/3/2024	--	19.49	--	5,770.08
		9/23/2024	--	19.22	--	5,770.35
		12/9/2024	--	18.88	--	5,770.69
		3/21/2025	--	19.28	--	5,770.29
		6/16/2025	--	18.75	--	5,770.82
		9/16/2025	--	18.72	--	5,770.85
		12/10/2025	--	18.68	--	5,770.89
		3/18/2026	--	18.75	--	5,770.82
		6/15/2026	--	19.00	--	5,770.57



TABLE 6
GROUNDWATER ELEVATION
 Standard #1
 Hilcorp Energy Company
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Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW13	5,785.16	10/22/2018	--	DRY	--	DRY
		3/29/2019	--	DRY	--	DRY
		6/28/2019	--	DRY	--	DRY
		9/17/2019	--	DRY	--	DRY
		12/17/2019	--	DRY	--	DRY
		3/12/2020	--	DRY	--	DRY
		6/25/2020	--	DRY	--	DRY
		9/23/2020	--	DRY	--	DRY
		3/31/2021	--	DRY	--	DRY
		6/14/2021	--	DRY	--	DRY
		9/24/2021	--	DRY	--	DRY
		12/2/2021	--	DRY	--	DRY
		3/1/2022	--	DRY	--	DRY
		6/7/2022	--	DRY	--	DRY
		9/29/2022	--	DRY	--	DRY
		12/8/2022	--	DRY	--	DRY
		3/2/2023	--	DRY	--	DRY
		6/16/2023	--	DRY	--	DRY
		9/14/2023	--	DRY	--	DRY
		12/14/2023	--	DRY	--	DRY
		3/28/2024	--	DRY	--	DRY
		6/3/2024	--	DRY	--	DRY
		9/25/2024	--	DRY	--	DRY
		12/9/2024	--	DRY	--	DRY
		3/20/2025	--	DRY	--	DRY
		6/16/2025	--	DRY	--	DRY
		9/15/2025	--	DRY	--	DRY
		12/8/2025	--	DRY	--	DRY
		3/17/2026	--	DRY	--	DRY
		6/16/2026	--	DRY	--	DRY
MW14	5,785.46	10/22/2018	--	22.87	--	5,762.59
		3/29/2019	20.26	20.47	0.21	5,765.16
		6/28/2019	19.15	19.16	0.01	5,766.31
		9/17/2019	18.65	18.69	0.04	5,766.80
		12/17/2019	18.61	18.74	0.13	5,766.82
		3/12/2020	--	18.81	--	5,766.65
		6/25/2020	--	18.18	--	5,767.28
		9/23/2020	--	17.92	--	5,767.54
		3/31/2021	--	17.92	--	5,767.54
		6/14/2021	Trace	17.78	Trace	5,767.68
		9/24/2021	--	17.52	--	5,767.94
		12/3/2021	--	17.79	--	5,767.67
		3/1/2022	--	17.18	--	5,768.28
		6/7/2022	--	16.84	--	5,768.62
		9/29/2022	--	16.37	--	5,769.09
		12/8/2022	--	16.17	--	5,769.29
		3/2/2023	Trace	15.91	Trace	5,769.55
		6/16/2023	Trace	15.63	Trace	5,769.83
		9/14/2023	--	15.65	--	5,769.81
		12/14/2023	--	15.63	--	5,769.83
		3/28/2024	Trace	15.84	Trace	5,769.62
		6/3/2024	Trace	15.88	Trace	5,769.58
		9/25/2024	Trace	15.55	Trace	5,769.91
		12/9/2024	Trace	15.47	Trace	5,769.99
		3/21/2025	Trace	15.45	Trace	5,770.01
		6/16/2025	Trace	15.32	Trace	5,770.14
		9/15/2025	Trace	15.62	Trace	5,769.84
		12/10/2025	--	15.28	--	5,770.18
		3/18/2026	Trace	15.32	Trace	5,770.14
		6/16/2026	Trace	15.45	Trace	5,770.01



TABLE 6
GROUNDWATER ELEVATION
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 Hilcorp Energy Company
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Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW15	5,792.19	3/29/2019	--	DRY	--	DRY
		6/28/2019	--	35.95	--	5,756.24
		9/17/2019	--	33.22	--	5,758.97
		12/17/2019	--	31.61	--	5,760.58
		3/12/2020	--	31.42	--	5,760.77
		6/25/2020	--	30.41	--	5,761.78
		9/23/2020	--	27.42	--	5,764.77
		3/31/2021	--	27.8	--	5,764.39
		6/14/2021	--	29.18	--	5,763.01
		9/24/2021	--	26.69	--	5,765.50
		12/3/2021	--	26.82	--	5,765.37
		3/1/2022	--	26.57	--	5,765.62
		6/7/2022	--	26.49	--	5,765.70
		9/29/2022	--	25.95	--	5,766.24
		12/8/2022	--	26.21	--	5,765.98
		3/2/2023	--	25.95	--	5,766.24
		6/16/2023	--	25.08	--	5,767.11
		9/14/2023	--	25.97	--	5,766.22
		12/14/2023	--	--	--	--
		3/28/2024	--	21.03	--	5,771.16
		6/3/2024	--	15.03	--	5,777.16
		9/25/2024	--	20.37	--	5,771.82
		12/9/2024	Trace	19.86	Trace	5,772.33
		3/21/2025	Trace	20.88	Trace	5,771.31
		6/16/2025	Trace	20.21	Trace	5,771.98
		9/16/2025	Trace	20.09	Trace	5,772.10
		12/10/2025	--	17.70	--	5,774.49
		3/17/2026	Trace	19.84	Trace	5,772.35
		6/17/2026	Trace	22.85	Trace	5,769.34
MW16	5,786.54	3/29/2019	--	28.59	--	5,757.95
		6/28/2019	--	21.00	--	5,765.54
		9/17/2019	--	20.91	--	5,765.63
		12/17/2019	--	21.11	--	5,765.43
		3/12/2020	--	20.89	--	5,765.65
		6/25/2020	--	20.51	--	5,766.03
		9/23/2020	--	20.37	--	5,766.17
		3/31/2021	19.99	20.04	0.05	5,766.54
		6/14/2021	Trace	19.51	Trace	5,767.03
		9/24/2021	--	18.81	--	5,767.73
		12/2/2021	Trace	18.46	Trace	5,768.08
		3/1/2022	--	18.39	--	5,768.15
		6/7/2022	--	18.00	--	5,768.54
		9/29/2022	17.53	17.54	0.01	5,769.01
		12/8/2022	--	17.32	--	5,769.22
		3/2/2023	--	17.03	--	5,769.51
		6/16/2023	--	16.81	--	5,769.73
		9/14/2023	--	16.82	--	5,769.72
		12/15/2023	--	16.75	--	5,769.79
		3/28/2024	--	16.91	--	5,769.63
		6/3/2024	--	17.04	--	5,769.50
		9/25/2024	--	17.17	--	5,769.37
		12/9/2024	--	17.22	--	5,769.32
		3/20/2025	--	16.40	--	5,770.14
		6/16/2025	--	16.42	--	5,770.12
		9/15/2025	--	16.32	--	5,770.22
		12/10/2025	--	16.38	--	5,770.16
		3/18/2026	--	16.38	--	5,770.16
		6/16/2026	--	16.53	--	5,770.01



TABLE 6
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Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW17	5,785.25	3/29/2019	--	DRY	--	DRY
		6/28/2019	--	DRY	--	DRY
		9/17/2019	--	30.24	--	5,755.01
		12/17/2019	--	DRY	--	DRY
		3/12/2020	--	DRY	--	DRY
		6/25/2020	--	DRY	--	DRY
		9/23/2020	--	DRY	--	DRY
		3/31/2021	--	DRY	--	DRY
		6/14/2021	--	DRY	--	DRY
		9/24/2021	--	DRY	--	DRY
		12/2/2021	--	30.24	--	5,755.01
		3/1/2022	--	DRY	--	DRY
		6/7/2022	--	30.21	--	5,755.04
		9/29/2022	--	30.22	--	5,755.03
		12/8/2022	--	28.68	--	5,756.57
		3/2/2023	--	25.58	--	5,759.67
		6/16/2023	--	22.13	--	5,763.12
		9/14/2023	--	20.78	--	5,764.47
		12/15/2023	--	21.68	--	5,763.57
		3/28/2024	--	22.38	--	5,762.87
		6/3/2024	--	23.02	--	5,762.23
		9/25/2024	--	21.89	--	5,763.36
		12/9/2024	--	20.94	--	5,764.31
		3/20/2025	--	18.10	--	5,767.15
		6/16/2025	--	17.98	--	5,767.27
		9/15/2025	--	17.76	--	5,767.49
		12/8/2025	--	18.11	--	5,767.14
		3/17/2026	--	18.10	--	5,767.15
		6/16/2026	--	18.63	--	5,766.62
MW18	5,789.34	3/29/2019	--	DRY	--	DRY
		6/28/2019	--	20.39	--	5,768.95
		9/17/2019	--	19.06	--	5,770.28
		12/17/2019	--	19.98	--	5,769.36
		3/12/2020	--	19.98	--	5,769.36
		6/25/2020	--	19.79	--	5,769.55
		9/23/2020	--	19.55	--	5,769.79
		3/31/2021	--	19.43	--	5,769.91
		6/14/2021	--	18.98	--	5,770.36
		9/24/2021	--	18.52	--	5,770.82
		12/2/2021	--	18.64	--	5,770.70
		3/1/2022	--	18.90	--	5,770.44
		6/7/2022	--	18.25	--	5,771.09
		9/29/2022	--	18.01	--	5,771.33
		12/8/2022	--	17.91	--	5,771.43
		3/2/2023	--	17.64	--	5,771.70
		6/16/2023	--	17.38	--	5,771.96
		9/14/2023	--	17.43	--	5,771.91
		12/14/2023	--	17.37	--	5,771.97
		3/27/2024	--	17.61	--	5,771.73
		6/3/2024	--	17.57	--	5,771.77
		9/23/2024	--	17.24	--	5,772.10
		12/9/2024	--	17.30	--	5,772.04
		3/21/2025	--	16.95	--	5,772.39
		6/16/2025	--	16.85	--	5,772.49
		9/16/2025	--	16.91	--	5,772.43
		12/8/2025	--	17.01	--	5,772.33
		3/17/2026	--	16.88	--	5,772.46
		6/16/2026	--	16.95	--	5,772.39



TABLE 6
GROUNDWATER ELEVATION
 Standard #1
 Hilcorp Energy Company
 San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW19	5,786.48	3/29/2019	--	19.60	--	5,766.88
		6/28/2019	--	19.55	--	5,766.93
		9/17/2019	--	19.35	--	5,767.13
		12/17/2019	--	19.37	--	5,767.11
		3/12/2020	--	19.45	--	5,767.03
		6/25/2020	--	19.30	--	5,767.18
		9/23/2020	--	19.08	--	5,767.40
		3/31/2021	--	19.21	--	5,767.27
		6/14/2021	--	19.10	--	5,767.38
		9/24/2021	--	18.70	--	5,767.78
		12/2/2021	--	DRY	--	DRY
		3/1/2022	--	18.49	--	5,767.99
		6/7/2022	--	18.35	--	5,768.13
		9/29/2022	--	17.15	--	5,769.33
		12/8/2022	--	18.19	--	5,768.29
		3/2/2023	--	17.93	--	5,768.55
		6/16/2023	--	17.72	--	5,768.76
		9/14/2023	--	17.58	--	5,768.90
		12/15/2023	--	17.63	--	5,768.85
		3/28/2024	--	18.27	--	5,768.21
		6/3/2024	--	18.38	--	5,768.10
		9/25/2024	--	18.20	--	5,768.28
		12/10/2024	--	17.94	--	5,768.54
		3/21/2025	--	17.72	--	5,768.76
		6/16/2025	--	18.01	--	5,768.47
		9/15/2025	--	18.42	--	5,768.06
		12/9/2025	--	17.42	--	5,769.06
		3/17/2026	--	17.48	--	5,769.00
		6/17/2026	--	17.55	--	5,768.93
MW20	5,783.34	3/29/2019	--	29.61	--	5,753.73
		6/28/2019	--	30.00	--	5,753.34
		9/17/2019	--	30.21	--	5,753.13
		12/17/2019	--	30.15	--	5,753.19
		3/12/2020	--	30.30	--	5,753.04
		6/25/2020	--	DRY	--	DRY
		9/23/2020	--	DRY	--	DRY
		3/31/2021	--	DRY	--	DRY
		6/14/2021	--	DRY	--	DRY
		9/24/2021	--	DRY	--	DRY
		12/2/2021	--	30.24	--	5,753.10
		3/1/2022	--	DRY	--	DRY
		6/7/2022	--	DRY	--	DRY
		9/29/2022	--	DRY	--	DRY
		12/8/2022	--	30.25	--	5,753.09
		3/2/2023	--	DRY	--	DRY
		6/16/2023	--	30.25	--	5,753.09
		9/14/2023	--	DRY	--	DRY
		12/15/2023	--	DRY	--	DRY
		3/27/2024	--	DRY	--	DRY
		6/3/2024	--	DRY	--	DRY
		9/25/2024	--	DRY	--	DRY
		12/9/2024	--	30.29	--	5,753.05
		3/20/2025	--	DRY	--	DRY
		6/16/2025	--	DRY	--	DRY
		9/15/2025	--	DRY	--	DRY
		12/8/2025	--	DRY	--	DRY
		3/17/2026	--	DRY	--	DRY
		6/16/2026	--	DRY	--	DRY



TABLE 6
GROUNDWATER ELEVATION
 Standard #1
 Hilcorp Energy Company
 San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW21	5,800.30	3/29/2019	--	DRY	--	DRY
		6/28/2019	--	DRY	--	DRY
		9/17/2019	--	DRY	--	DRY
		12/17/2019	--	DRY	--	DRY
		3/12/2020	--	DRY	--	DRY
		6/25/2020	--	DRY	--	DRY
		9/23/2020	--	DRY	--	DRY
		3/31/2021	--	DRY	--	DRY
		6/14/2021	--	DRY	--	DRY
		9/24/2021	--	DRY	--	DRY
		12/2/2021	--	DRY	--	DRY
		3/1/2022	--	DRY	--	DRY
		6/7/2022	--	DRY	--	DRY
		9/29/2022	--	DRY	--	DRY
		12/8/2022	--	DRY	--	DRY
		3/2/2023	--	DRY	--	DRY
		6/16/2023	--	DRY	--	DRY
		9/14/2023	--	DRY	--	DRY
		12/15/2023	--	DRY	--	DRY
		3/27/2024	--	DRY	--	DRY
		6/3/2024	--	DRY	--	DRY
		9/25/2024	--	DRY	--	DRY
		12/9/2024	--	DRY	--	DRY
		3/20/2025	--	DRY	--	DRY
		6/16/2025	--	DRY	--	DRY
		9/15/2025	--	DRY	--	DRY
		12/8/2025	--	DRY	--	DRY
		3/17/2026	--	DRY	--	DRY
		6/16/2026	--	DRY	--	DRY
MW22	5,786.25	3/29/2019	--	22.56	--	5,763.69
		6/28/2019	--	17.62	--	5,768.63
		9/17/2019	--	17.54	--	5,768.71
		12/17/2019	--	17.35	--	5,768.90
		3/12/2020	--	17.10	--	5,769.15
		6/25/2020	--	17.04	--	5,769.21
		9/23/2020	--	16.85	--	5,769.40
		3/31/2021	--	16.43	--	5,769.82
		6/14/2021	--	16.10	--	5,770.15
		9/24/2021	--	15.74	--	5,770.51
		12/2/2021	--	15.84	--	5,770.41
		3/1/2022	--	15.95	--	5,770.30
		6/7/2022	--	15.53	--	5,770.72
		9/29/2022	--	15.25	--	5,771.00
		12/8/2022	--	15.16	--	5,771.09
		3/2/2023	--	14.90	--	5,771.35
		6/16/2023	--	14.68	--	5,771.57
		9/14/2023	--	14.97	--	5,771.28
		12/14/2023	--	14.64	--	5,771.61
		3/28/2024	--	14.77	--	5,771.48
		6/3/2024	--	14.76	--	5,771.49
		9/23/2024	--	14.51	--	5,771.74
		12/9/2024	--	14.34	--	5,771.91
		3/21/2025	--	14.48	--	5,771.77
		6/16/2025	--	14.14	--	5,772.11
		9/16/2025	--	14.56	--	5,771.69
		12/9/2025	--	14.12	--	5,772.13
		3/17/2026	--	14.23	--	5,772.02
		6/16/2026	--	14.26	--	5,771.99



TABLE 6
GROUNDWATER ELEVATION
 Standard #1
 Hilcorp Energy Company
 San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW23	5,804.80	6/28/2019	--	45.99	--	5,758.81
		9/17/2019	--	40.23	--	5,764.57
		12/17/2019	--	39.16	--	5,765.64
		3/12/2020	--	38.71	--	5,766.09
		6/25/2020	--	38.92	--	5,765.88
		9/23/2020	--	38.83	--	5,765.97
		3/31/2021	--	37.97	--	5,766.83
		6/14/2021	--	37.90	--	5,766.90
		9/24/2021	--	37.44	--	5,767.36
		12/3/2021	--	37.32	--	5,767.48
		3/1/2022	--	37.38	--	5,767.42
		6/7/2022	--	36.99	--	5,767.81
		9/29/2022	--	36.61	--	5,768.19
		12/8/2022	--	36.49	--	5,768.31
		3/2/2023	--	36.11	--	5,768.69
		6/16/2023	--	35.70	--	5,769.10
		9/15/2023	--	35.58	--	5,769.22
		12/14/2023	--	35.48	--	5,769.32
		3/27/2024	--	35.25	--	5,769.55
		6/3/2024	--	35.26	--	5,769.54
		9/25/2024	--	35.18	--	5,769.62
		12/10/2024	--	34.05	--	5,770.75
		3/21/2025	--	35.08	--	5,769.72
		6/16/2025	--	35.50	--	5,769.30
		9/16/2025	--	35.39	--	5,769.41
		12/9/2025	--	35.65	--	5,769.15
		3/18/2026	--	40.33	--	5,764.47
		6/16/2026	--	41.79	--	5,763.01
MW24	5,782.50	6/28/2019	--	DRY	--	DRY
		9/17/2019	--	DRY	--	DRY
		12/17/2019	--	DRY	--	DRY
		3/12/2020	--	DRY	--	DRY
		6/25/2020	--	DRY	--	DRY
		9/23/2020	--	DRY	--	DRY
		3/31/2021	--	DRY	--	DRY
		6/14/2021	--	DRY	--	DRY
		9/24/2021	--	DRY	--	DRY
		12/2/2021	--	33.08	--	5,749.42
		3/1/2022	--	DRY	--	DRY
		6/7/2022	--	DRY	--	DRY
		9/29/2022	--	33.09	--	0.00
		12/8/2022	--	DRY	--	DRY
		3/2/2023	--	33.07	--	5,749.43
		6/16/2023	--	DRY	--	DRY
		9/15/2023	--	DRY	--	DRY
		12/14/2023	--	DRY	--	DRY
		3/27/2024	--	DRY	--	DRY
		6/3/2024	--	DRY	--	DRY
		9/25/2024	--	DRY	--	DRY
		12/9/2024	--	DRY	--	DRY
		3/20/2025	--	DRY	--	DRY
		6/16/2025	--	19.62	--	5,762.88
		9/15/2025	--	21.75	--	5,760.75
		12/8/2025	--	22.19	--	5,760.31
		3/17/2026	--	24.99	--	5,757.51
		6/17/2026	--	19.43	--	5,763.07



TABLE 6 GROUNDWATER ELEVATION Standard #1 Hilcorp Energy Company San Juan County, New Mexico						
Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW25	5,775.65	6/28/2019	--	32.98	--	5,742.67
		9/17/2019	--	32.91	--	5,742.74
		12/17/2019	--	32.92	--	5,742.73
		3/12/2020	--	32.92	--	5,742.73
		6/25/2020	--	32.93	--	5,742.72
		9/23/2020	--	DRY	--	DRY
		3/31/2021	--	DRY	--	DRY
		6/14/2021	--	DRY	--	DRY
		9/24/2021	--	DRY	--	DRY
		12/1/2021	--	33.06	--	5,742.59
		3/1/2022	--	DRY	--	DRY
		6/7/2022	--	33.04	--	5,742.61
		9/29/2022	--	33.05	--	5,742.60
		12/8/2022	--	DRY	--	DRY
		3/2/2023	--	DRY	--	DRY
		6/16/2023	--	DRY	--	DRY
		9/15/2023	--	DRY	--	DRY
		12/14/2023	--	DRY	--	DRY
		3/27/2024	--	DRY	--	DRY
		3/27/2024	--	33.04	--	5,742.61
		9/25/2024	--	DRY	--	DRY
		12/9/2024	--	33.15	--	5,742.50
		3/20/2025	--	DRY	--	DRY
		6/16/2025	--	DRY	--	DRY
		9/15/2025	--	DRY	--	DRY
		12/8/2025	--	DRY	--	DRY
		3/17/2026	--	DRY	--	DRY
		6/16/2026	--	DRY	--	DRY
MW26	5,789.96	6/28/2019	--	19.71	--	5,770.25
		9/17/2019	--	19.64	--	5,770.32
		12/17/2019	--	19.41	--	5,770.55
		3/12/2020	--	19.29	--	5,770.67
		6/25/2020	--	19.29	--	5,770.67
		9/23/2020	--	19.28	--	5,770.68
		3/31/2021	--	18.64	--	5,771.32
		6/14/2021	--	18.30	--	5,771.66
		9/24/2021	--	18.32	--	5,771.64
		12/3/2021	--	18.55	--	5,771.41
		3/1/2022	--	18.50	--	5,771.46
		6/7/2022	--	17.86	--	5,772.10
		9/29/2022	--	17.81	--	5,772.15
		12/8/2022	--	17.65	--	5,772.31
		3/2/2023	--	17.30	--	5,772.66
		6/16/2023	--	17.04	--	5,772.92
		9/14/2023	--	17.20	--	5,772.76
		12/14/2023	--	17.12	--	5,772.84
		3/27/2024	--	16.98	--	5,772.98
		6/3/2024	--	16.88	--	5,773.08
		9/25/2024	--	16.78	--	5,773.18
		12/10/2024	--	16.84	--	5,773.12
		3/21/2025	--	21.82	--	5,768.14
		6/16/2025	--	16.60	--	5,773.36
		9/16/2025	--	16.75	--	5,773.21
		12/9/2025	--	15.58	--	5,774.38
		3/17/2026	--	16.45	--	5,773.51
		6/16/2026	--	16.38	--	5,773.58



TABLE 6 GROUNDWATER ELEVATION Standard #1 Hilcorp Energy Company San Juan County, New Mexico						
Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Product (feet BTOC)	Depth to Groundwater (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)

Notes:

AMSL: above mean sea level

Trace: trace amounts of free product in well

BTOC: below top of casing

--: not measured

A product density factor of 0.8 was used to account for the presence of free product



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW01	10/22/2018	No sample collected due to presence of PSH			
	3/29/2019	No sample collected due to presence of PSH			
	6/28/2019	No sample collected due to presence of PSH			
	9/17/2019	No sample collected due to presence of PSH			
	12/17/2019	No sample collected due to presence of PSH			
	3/12/2020	No sample collected due to presence of PSH			
	6/25/2020	No sample collected due to presence of PSH			
	9/23/2020	No sample collected due to presence of PSH			
	3/21/2021	No sample collected due to presence of PSH			
	6/14/2021	No sample collected due to presence of PSH			
	9/20/2021	27	39	1.3	15
	12/2/2021	No sample collected due to presence of PSH			
	3/1/2022	No sample collected due to presence of PSH			
	6/7/2022	No sample collected due to presence of PSH			
	9/29/2022	No sample collected due to presence of PSH			
	12/8/2022	No sample collected due to presence of PSH			
	3/2/2023	No sample collected due to presence of PSH			
	6/16/2023	No sample collected due to presence of PSH			
	9/15/2023	NS	NS	NS	NS
	12/14/2023	NS	NS	NS	NS
	3/27/2024	24	34	1.5	17
	6/4/2024	No sample collected due to presence of PSH			
	9/23/2024	No sample collected due to presence of PSH			
	12/10/2024	No sample collected due to presence of PSH			
	3/20/2025	No sample collected due to presence of PSH			
	6/16/2025	No sample collected due to presence of PSH			
	9/15/2025	No sample collected due to presence of PSH			
	12/10/2025	16	10	0.85	5.6
	3/19/2026	No sample collected due to presence of PSH			
	6/17/2026	No sample collected due to presence of PSH			



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW02	10/22/2018	14	7.1	1.2	12
	3/29/2019	No sample collected due to presence of PSH			
	6/28/2019	No sample collected due to presence of PSH			
	9/17/2019	No sample collected due to presence of PSH			
	12/17/2019	No sample collected due to presence of PSH			
	3/12/2020	17	8.2	1.8	15
	6/25/2020	19	18	2.3	21
	9/23/2020	17	16	2.8	25
	3/31/2021	16	12	2.0	20
	6/14/2021	No sample collected due to presence of PSH			
	9/20/2021	15	7.3	1.6	20
	12/3/2021	16	6.9	1.8	21
	3/1/2022	14	4.4	1.3	15
	6/7/2022	No sample collected due to presence of PSH			
	9/29/2022	16	2.6	1.6	16
	12/8/2022	16	2.5	1.9	18
	3/2/2023	No sample collected due to presence of PSH			
	6/16/2023	No sample collected due to presence of PSH			
	9/15/2023	NS	NS	NS	NS
	12/14/2023	NS	NS	NS	NS
	3/27/2024	14	3.6	0.33	6.8
	6/4/2024	No sample collected due to presence of PSH			
	9/23/2024	No sample collected due to presence of PSH			
	12/10/2024	No sample collected due to presence of PSH			
	3/20/2025	No sample collected due to presence of PSH			
	6/16/2025	No sample collected due to presence of PSH			
	9/15/2025	No sample collected due to presence of PSH			
	12/10/2025	10	<0.20	0.71	0.34
	3/19/2026	No sample collected due to presence of PSH			
	6/17/2026	No sample collected due to presence of PSH			



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW03	10/22/2018	Insufficient Water Volumes to Collect Sample			
	3/29/2019	21	0.110	0.27	11
	6/28/2019	Insufficient Water Volumes to Collect Sample			
	9/17/2019	12	0.25	0.22	6.9
	12/17/2019	Insufficient Water Volumes to Collect Sample			
	3/12/2020	15	<0.20	0.47	6.3
	6/25/2020	14	0.11	0.51	1.5
	9/23/2020	14	0.57	0.46	3.5
	3/31/2021	13	1.3	0.48	1.7
	6/14/2021	12	1.8	0.37	4.9
	9/23/2021	13	4.2	0.34	8.2
	12/3/2021	16	2.3	0.54	5.5
	3/1/2022	16	2.2	0.59	6.0
	6/7/2022	16	2.6	0.70	6.6
	9/29/2022	17	1.0	0.66	6.4
	12/8/2022	17	1.0	0.73	6.8
	3/2/2023	17	1.1	0.65	5.6
	6/16/2023	16	1.8	0.68	6.2
	9/15/2023	18	1.0	0.65	5.8
	12/14/2023	NS	NS	NS	NS
	3/27/2024	9.2	5.5	<0.20	4.3
	6/4/2024	10	5.8	<0.50	4.4
	9/23/2024	No sample collected due to presence of PSH			
	12/10/2024	No sample collected due to presence of PSH			
	3/21/2025	No sample collected due to presence of PSH			
	6/16/2025	No sample collected due to presence of PSH			
	9/15/2025	No sample collected due to presence of PSH			
	12/10/2025	7.1	0.22	0.27	<0.30
	3/19/2026	No sample collected due to presence of PSH			
	6/17/2026	No sample collected due to presence of PSH			



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW04	10/22/2018	Insufficient Water Volumes to Collect Sample			
	3/29/2019	Insufficient Water Volumes to Collect Sample			
	6/28/2019	Insufficient Water Volumes to Collect Sample			
	9/17/2019	Insufficient Water Volumes to Collect Sample			
	12/17/2019	Insufficient Water Volumes to Collect Sample			
	3/12/2020	Insufficient Water Volumes to Collect Sample			
	6/25/2020	Insufficient Water Volumes to Collect Sample			
	9/23/2020	Insufficient Water Volumes to Collect Sample			
	3/31/2021	1.1	<0.002	0.095	0.018
	6/14/2021	1.7	0.0035	0.11	0.020
	9/20/2021	0.83	0.045	0.051	0.14
	12/3/2021	1.3	<0.010	0.099	<0.020
	3/1/2022	0.91	<0.020	0.066	<0.040
	6/7/2022	0.24	<0.0010	<0.0010	<0.0020
	9/29/2022	1.5	<0.020	0.033	<0.030
	12/8/2022	No sample collected due to presence of PSH			
	3/2/2023	0.32	<0.008	<0.008	<0.016
	6/16/2023	No sample collected due to presence of PSH			
	9/15/2023	No sample collected due to presence of PSH			
	12/14/2023	No sample collected due to presence of PSH			
	3/27/2024	No sample collected due to presence of PSH			
	6/4/2024	0.31	<0.010	<0.010	<0.015
	9/23/2024	No sample collected due to presence of PSH			
	12/10/2024	No sample collected due to presence of PSH			
	3/21/2025	No sample collected due to presence of PSH			
	6/16/2025	No sample collected due to presence of PSH			
	9/15/2025	No sample collected due to presence of PSH			
	12/8/2025	0.02	<0.0010	<0.0010	<0.0015
	3/19/2026	0.025	<0.0010	<0.0010	<0.0015
	6/17/2026	0.0027	<0.0010	<0.0010	<0.0015



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW05	10/22/2018	Insufficient Water Volumes to Collect Sample			
	3/29/2019	10	0.88	0.45	2.9
	6/28/2019	5.9	0.16	0.20	1.4
	9/17/2019	5.0	0.77	0.11	3.1
	12/17/2019	5.4	0.14	0.15	2.6
	3/12/2020	4.4	0.13	0.18	1.0
	6/25/2020	5.0	0.17	0.087	0.70
	9/23/2020	3.9	1.1	0.26	4.2
	3/31/2021	2.5	6.0	0.73	15
	6/14/2021	4.4	1.8	0.55	18
	9/20/2021	3.5	4.0	0.80	20
	12/3/2021	3.6	3.5	0.72	19
	3/1/2022	2.9	0.81	0.62	13
	6/7/2022	No sample collected due to presence of PSH			
	9/29/2022	No sample collected due to presence of PSH			
	12/8/2022	No sample collected due to presence of PSH			
	3/2/2023	No sample collected due to presence of PSH			
	6/16/2023	No sample collected due to presence of PSH			
	9/15/2023	No sample collected due to presence of PSH			
	12/14/2023	No sample collected due to presence of PSH			
	3/27/2024	No sample collected due to presence of PSH			
	6/3/2024	No sample collected due to presence of PSH			
	9/23/2024	No sample collected due to presence of PSH			
	12/10/2024	No sample collected due to presence of PSH			
	3/21/2025	No sample collected due to presence of PSH			
	6/16/2025	No sample collected due to presence of PSH			
	9/16/2025	No sample collected due to presence of PSH			
	12/8/2025	0.019	<0.005	0.094	<0.0075
	3/19/2026	No sample collected due to presence of PSH			
	6/17/2026	No sample collected due to presence of PSH			



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW06	10/22/2018	No sample collected due to presence of PSH			
	3/29/2019	No sample collected due to presence of PSH			
	6/28/2019	No sample collected due to presence of PSH			
	9/17/2019	No sample collected due to presence of PSH			
	12/17/2019	No sample collected due to presence of PSH			
	3/12/2020	19	25	1.3	14
	6/25/2020	20	31	1.5	17
	9/23/2020	16	24	1.5	18
	3/31/2021	16	21	1.7	21
	9/24/2021	No sample collected due to presence of PSH			
	9/20/2021	14	19	1.3	16
	12/3/2021	13	19	1.3	17
	3/1/2022	13	20	1.3	18
	6/7/2022	11	15	1.1	16
	9/29/2022	No sample collected due to presence of PSH			
	12/8/2022	No sample collected due to presence of PSH			
	3/2/2023	No sample collected due to presence of PSH			
	6/16/2023	No sample collected due to presence of PSH			
	9/15/2023	No sample collected due to presence of PSH			
	12/14/2023	NS	NS	NS	NS
	3/27/2024	2.9	3.1	0.59	8.7
	6/3/2024	No sample collected due to presence of PSH			
	9/23/2024	No sample collected due to presence of PSH			
	12/10/2024	No sample collected due to presence of PSH			
	3/21/2025	No sample collected due to presence of PSH			
	6/16/2025	No sample collected due to presence of PSH			
	9/16/2025	No sample collected due to presence of PSH			
	12/10/2025	0.51	<0.05	0.19	0.18
	3/19/2026	No sample collected due to presence of PSH			
	6/17/2026	No sample collected due to presence of PSH			



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW07	10/22/2018	Well Damaged, No Sample Collected			
	3/29/2019	Well Damaged, No Sample Collected			
	6/28/2019	Well Damaged, No Sample Collected			
	9/17/2019	Well Damaged, No Sample Collected			
	12/17/2019	Well Damaged, No Sample Collected			
	3/12/2020	Well Damaged, No Sample Collected			
	6/25/2020	Well Damaged, No Sample Collected			
	9/23/2020	Well Damaged, No Sample Collected			
	3/31/2021	Well Damaged, No Sample Collected			
	6/14/2021	Well Damaged, No Sample Collected			
	9/20/2021	Well Damaged, No Sample Collected			
	12/3/2021	Well Damaged, No Sample Collected			
	3/1/2022	Well Damaged, No Sample Collected			
	6/7/2022	Well Damaged, No Sample Collected			
	9/29/2022	Well Damaged, No Sample Collected			
	12/8/2022	Well Damaged, No Sample Collected			
	3/2/2023	Well Damaged, No Sample Collected			
	6/16/2023	Well Damaged, No Sample Collected			
	9/15/2023	Well Damaged, No Sample Collected			
	12/14/2023	Well Damaged, No Sample Collected			
	3/27/2024	Well Damaged, No Sample Collected			
	6/3/2024	Well Damaged, No Sample Collected			
	9/23/2024	Well Damaged, No Sample Collected			
	12/10/2024	Well Damaged, No Sample Collected			
	3/21/2025	Well Damaged, No Sample Collected			
	6/16/2025	Well Damaged, No Sample Collected			
	9/15/2025	Well Damaged, No Sample Collected			
	12/8/2025	Well Damaged, No Sample Collected			
	3/17/2026	Well Damaged, No Sample Collected			
	6/17/2026	Well Damaged, No Sample Collected			



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW08	10/22/2018	Insufficient Water Volumes to Collect Sample			
	3/29/2019	Insufficient Water Volumes to Collect Sample			
	6/28/2019	<0.0010	<0.0010	<0.0010	<0.0020
	9/17/2019	<0.0010	<0.0010	<0.0010	<0.0020
	3/12/2020	<0.0010	<0.0010	<0.0010	0.0017
	6/25/2020	<0.0010	<0.0010	<0.0010	<0.0015
	9/23/2020	<0.0010	<0.0010	<0.0010	<0.0015
	3/31/2021	<0.0010	<0.0010	<0.0010	<0.0015
	6/14/2021	<0.0010	<0.0010	<0.0010	<0.0015
	9/23/2021	<0.0010	<0.0010	<0.0010	<0.0020
	12/2/2021	<0.0010	<0.0010	<0.0010	<0.0020
	3/1/2022	<0.0010	<0.0010	<0.0010	<0.0020
	6/7/2022	<0.0010	<0.0010	<0.0010	<0.0020
	9/29/2022	<0.0010	<0.0010	<0.0010	<0.0015
	12/8/2022	<0.0010	<0.0010	<0.0010	<0.0015
	3/2/2023	<0.0010	<0.0010	<0.0010	<0.0020
	6/16/2023	<0.0010	<0.0010	<0.0010	<0.0020
	9/14/2023	<0.0010	<0.0010	<0.0010	<0.0020
	12/14/2023	<0.0010	<0.0010	<0.0010	<0.0020
	3/27/2024	<0.0010	<0.0010	<0.0010	<0.0015
	6/3/2024	<0.0010	<0.0010	<0.0010	<0.0015
	9/23/2024	<0.0010	<0.0010	<0.0010	<0.0015
	12/10/2024	<0.0010	<0.0010	<0.0010	<0.0015
	3/21/2025	No sample collected due to presence of PSH			
	6/17/2025	<0.0010	<0.0010	<0.0010	<0.0015
	9/16/2025	<0.0010	<0.0010	<0.0010	<0.0015
	12/9/2025	<0.0010	<0.0010	<0.0010	<0.0015
	3/18/2026	<0.0010	<0.0010	<0.0010	<0.0015
	6/16/2026	<0.0010	<0.0010	<0.0010	<0.0015



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW09	10/22/2018	Insufficient Water Volumes to Collect Sample			
	3/29/2019	Insufficient Water Volumes to Collect Sample			
	6/28/2019	Insufficient Water Volumes to Collect Sample			
	9/17/2019	Insufficient Water Volumes to Collect Sample			
	12/17/2019	Insufficient Water Volumes to Collect Sample			
	3/12/2020	Insufficient Water Volumes to Collect Sample			
	6/25/2020	Insufficient Water Volumes to Collect Sample			
	9/23/2020	Insufficient Water Volumes to Collect Sample			
	3/31/2021	Insufficient Water Volumes to Collect Sample			
	6/14/2021	Insufficient Water Volumes to Collect Sample			
	9/20/2021	Insufficient Water Volumes to Collect Sample			
	12/3/2021	Insufficient Water Volumes to Collect Sample			
	3/1/2022	Insufficient Water Volumes to Collect Sample			
	6/7/2022	Insufficient Water Volumes to Collect Sample			
	9/29/2022	Insufficient Water Volumes to Collect Sample			
	12/8/2022	Insufficient Water Volumes to Collect Sample			
	3/2/2023	Insufficient Water Volumes to Collect Sample			
	6/16/2023	0.021	0.027	0.0019	0.015
	9/15/2023	1.1	0.0036	0.078	1.4
	12/15/2023	1.1	<0.010	0.096	0.29
	3/28/2024	1.0	<0.010	0.087	<0.015
	6/3/2024	Insufficient Water Volumes to Collect Sample			
	9/23/2024	Insufficient Water Volumes to Collect Sample			
	12/10/2024	Insufficient Water Volumes to Collect Sample			
	3/20/2025	1.1	<0.010	0.071	<0.015
	6/16/2025	0.94	<0.010	0.057	<0.015
	9/15/2025	0.87	<0.010	0.100	<0.015
	12/8/2025	0.64	<0.010	0.044	<0.015
	3/17/2026	0.32	0.0094	0.0069	0.011
	6/15/2026	0.57	<0.0050	<0.0050	<0.0075



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW10	10/22/2018	22	21	1.6	13
	3/29/2019	No sample collected due to presence of PSH			
	6/28/2019	No sample collected due to presence of PSH			
	9/17/2019	No sample collected due to presence of PSH			
	12/17/2019	No sample collected due to presence of PSH			
	3/12/2020	No sample collected due to presence of PSH			
	6/25/2020	No sample collected due to presence of PSH			
	9/23/2020	No sample collected due to presence of PSH			
	3/31/2021	No sample collected due to presence of PSH			
	6/14/2021	No sample collected due to presence of PSH			
	9/23/2021	19	4.8	1.4	15
	12/3/2021	21	5.8	1.4	14
	3/1/2022	20	5.6	1.4	13
	6/7/2022	No sample collected due to presence of PSH			
	9/29/2022	No sample collected due to presence of PSH			
	12/8/2022	No sample collected due to presence of PSH			
	3/2/2023	No sample collected due to presence of PSH			
	6/16/2023	No sample collected due to presence of PSH			
	9/15/2023	No sample collected due to presence of PSH			
	12/14/2023	NS	NS	NS	NS
	3/27/2024	13	<0.5	1.4	7.8
	6/3/2024	Insufficient Water Volumes to Collect Sample			
	9/23/2024	No sample collected due to presence of PSH			
	12/10/2024	No sample collected due to presence of PSH			
	3/20/2025	No sample collected due to presence of PSH			
	6/16/2025	No sample collected due to presence of PSH			
	9/15/2025	No sample collected due to presence of PSH			
	12/8/2025	Insufficient Water Volumes to Collect Sample			
	3/18/2026	Insufficient Water Volumes to Collect Sample			
	6/17/2026	Insufficient Water Volumes to Collect Sample			



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW11	10/22/2018	<0.0010	<0.0010	<0.0010	<0.0015
	3/29/2019	0.0036	<0.0010	<0.0010	<0.0015
	6/28/2019	<0.0010	<0.0010	<0.0010	<0.0015
	9/17/2019	<0.0010	<0.0010	<0.0010	<0.002
	12/17/2019	NS	NS	NS	NS
	3/12/2020	0.001	0.0011	<0.0010	0.0051
	6/25/2020	<0.0010	<0.0010	<0.0010	<0.0015
	9/23/2020	<0.0010	<0.0010	<0.0010	<0.0015
	3/31/2021	<0.0010	<0.0010	<0.0010	<0.0015
	6/14/2021	<0.0010	<0.0010	<0.0010	<0.0015
	9/23/2021	<0.0010	<0.0010	<0.0010	<0.002
	12/2/2021	<0.0010	<0.0010	<0.0010	<0.002
	3/1/2022	<0.0010	<0.0010	<0.0010	<0.002
	6/7/2022	<0.0010	<0.0010	<0.0010	<0.002
	9/29/2022	<0.0010	<0.0010	<0.0010	<0.0015
	12/8/2022	<0.0010	<0.0010	<0.0010	<0.0015
	3/2/2023	<0.0010	<0.0010	<0.0010	<0.0020
	6/16/2023	<0.0010	<0.0010	<0.0010	<0.0020
	9/14/2023	<0.0010	<0.0010	<0.0010	<0.0020
	12/14/2023	<0.0010	<0.0010	<0.0010	<0.0020
	3/28/2024	<0.0010	<0.0010	<0.0010	<0.0015
	6/3/2024	<0.0010	<0.0010	<0.0010	<0.0015
	9/23/2024	<0.0010	<0.0010	<0.0010	<0.0015
	12/9/2024	<0.0010	<0.0010	<0.0010	<0.0015
	3/21/2025	<0.0010	0.0033	<0.0010	0.0022
	6/16/2025	<0.0010	<0.0010	<0.0010	<0.0015
	9/16/2025	<0.0010	<0.0010	<0.0010	<0.0015
	12/9/2025	<0.0010	<0.0010	<0.0010	<0.0015
	3/18/2026	<0.0010	<0.0010	<0.0010	<0.0015
	6/16/2026	<0.0010	<0.0010	<0.0010	<0.0015



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW12	10/22/2018	2.4	3.8	1.1	5.0
	3/29/2019	0.87	0.018	1.2	1.5
	6/28/2019	0.81	0.055	1.0	0.50
	9/17/2019	0.92	0.12	1.1	0.41
	12/17/2019	0.94	0.034	0.46	0.24
	3/12/2020	1.6	0.360	0.48	0.55
	6/25/2020	0.71	0.220	<0.02	0.34
	9/23/2020	0.89	0.087	0.22	0.12
	3/31/2021	0.69	0.051	0.14	0.054
	6/14/2021	0.37	0.0052	0.072	0.012
	12/2/2021	NS	NS	NS	NS
	12/2/2021	0.37	<0.0050	0.110	<0.010
	3/1/2022	0.24	<0.0020	0.031	<0.0040
	6/7/2022	0.11	<0.0010	0.016	0.0030
	9/29/2022	0.046	<0.0050	0.014	<0.0075
	12/8/2022	0.041	<0.020	<0.020	<0.030
	3/2/2023	0.043	0.0010	0.0036	0.0032
	6/16/2023	0.052	<0.0010	0.0057	0.0029
	9/14/2023	0.048	<0.0010	0.0056	<0.0020
	12/14/2023	0.0053	<0.0010	0.0011	<0.0020
	3/28/2024	0.036	<0.0010	<0.0010	<0.0015
	6/3/2024	0.0093	<0.0020	<0.0020	<0.0030
	9/23/2024	0.015	<0.0010	<0.0010	<0.0015
	12/9/2024	0.0066	<0.0010	0.0043	0.0095
	3/21/2025	0.022	0.0017	0.0042	0.0160
	6/17/2025	0.0065	<0.0010	0.0042	0.0250
	9/16/2025	0.013	<0.0010	0.0033	0.0094
	12/10/2025	<0.0010	<0.0010	0.0023	0.041
	3/18/2026	Not Sampled			
	6/15/2026	0.012	<0.0010	<0.0010	0.0017



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
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Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW14	10/22/2018	13	26	1.1	10
	3/29/2019	No sample collected due to presence of PSH			
	6/28/2019	No sample collected due to presence of PSH			
	9/17/2019	No sample collected due to presence of PSH			
	12/17/2019	NS	NS	NS	NS
	3/12/2020	13	13	1.3	14
	6/25/2020	11	17	1.0	15
	9/23/2020	8.2	14	0.80	16
	3/31/2021	9.4	17	1.5	18
	6/14/2021	No sample collected due to presence of PSH			
	9/24/2021	7.1	9.2	0.80	14
	12/3/2021	6.5	7.6	1.2	15
	3/1/2022	5.3	5.7	1.2	14
	6/7/2022	No sample collected due to presence of PSH			
	9/29/2022	4.3	1.3	1.1	6.3
	12/8/2022	3.8	1.8	1.6	9.5
	3/2/2023	No sample collected due to presence of PSH			
	6/16/2023	No sample collected due to presence of PSH			
	9/15/2023	No sample collected due to presence of PSH			
	12/14/2023	No sample collected due to presence of PSH			
	3/28/2024	No sample collected due to presence of PSH			
	6/3/2024	No sample collected due to presence of PSH			
	9/23/2024	No sample collected due to presence of PSH			
	12/9/2024	No sample collected due to presence of PSH			
	3/21/2025	No sample collected due to presence of PSH			
	6/16/2025	No sample collected due to presence of PSH			
	9/15/2025	No sample collected due to presence of PSH			
	12/10/2025	0.060	<0.020	0.096	0.11
	3/18/2026	No sample collected due to presence of PSH			
	6/16/2026	0.036	<0.0050	0.15	0.18



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW15	3/29/2019	Insufficient Water Volumes to Collect Sample			
	6/28/2019	24	28	1.1	10
	9/17/2019	24	28	0.87	9.4
	12/17/2019	23	29	0.64	10
	3/12/2020	23	4.5	0.66	9.4
	6/25/2020	28	1.0	0.47	8.6
	9/23/2020	21	1.2	0.61	8.6
	3/31/2021	25	0.6	0.69	8.5
	6/14/2021	26	0.42	0.60	8.9
	9/23/2021	22	0.82	0.57	6.6
	12/3/2021	24	1.0	0.56	4.1
	3/1/2022	23	3.4	0.65	4.4
	6/7/2022	22	3.9	0.50	2.9
	9/29/2022	24	7.5	0.64	4.6
	12/8/2022	25	4.9	0.54	4.8
	3/2/2023	21	6.0	0.61	4.6
	6/16/2023	21	7.6	0.47	3.5
	9/14/2023	29	10	0.59	4.3
	12/14/2023	NS	NS	NS	NS
	3/27/2024	14	1.0	<0.500	1.8
	6/4/2024	9.8	1.9	0.140	1.5
	9/25/2024	20	6.5	<0.500	2.7
	12/9/2024	No sample collected due to presence of PSH			
	3/21/2025	No sample collected due to presence of PSH			
	6/16/2025	No sample collected due to presence of PSH			
	9/16/2025	No sample collected due to presence of PSH			
	12/10/2025	5.3	<0.50	<0.50	<0.75
	3/17/2026	No sample collected due to presence of PSH			
	6/17/2026	No sample collected due to presence of PSH			



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW16	3/29/2019	7.7	14	0.94	8.6
	6/28/2019	3.4	0.62	0.080	2.1
	9/17/2019	3.3	1.6	0.037	4.4
	12/17/2019	2.3	0.23	0.039	1.8
	3/12/2020	2.3	0.83	<0.050	3.8
	6/25/2020	2.1	0.34	0.051	3.3
	9/23/2020	1.4	0.23	0.075	3.6
	3/31/2021	No sample collected due to presence of PSH			
	6/14/2021	No sample collected due to presence of PSH			
	9/23/2021	0.32	0.62	0.71	17
	12/3/2021	No sample collected due to presence of PSH			
	3/1/2022	0.56	<0.020	0.43	6.4
	6/7/2022	0.29	<0.010	0.54	6.5
	9/29/2022	No sample collected due to presence of PSH			
	12/8/2022	0.15	<0.050	0.38	2.1
	3/2/2023	0.11	<0.020	0.32	1.8
	6/16/2023	0.10	<0.050	0.34	1.1
	9/14/2023	0.13	<0.050	0.41	1.2
	12/15/2023	0.089	<0.020	0.38	0.49
	3/28/2024	0.077	<0.020	0.34	0.31
	6/3/2024	0.068	<0.010	0.27	0.27
	9/25/2024	0.13	<0.020	0.28	0.085
	12/9/2024	0.062	<0.020	0.21	0.077
	3/20/2025	0.093	<0.020	0.140	0.110
	6/17/2025	0.043	<0.020	0.078	<0.030
	9/15/2025	0.081	<0.020	0.130	<0.030
	12/10/2025	0.11	<0.020	0.084	<0.030
	3/18/2026	0.024	<0.0020	0.068	0.0057
	6/16/2026	0.014	<0.0020	0.045	0.0034



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW17	3/29/2019	Insufficient Water Volumes to Collect Sample			
	6/28/2019	Insufficient Water Volumes to Collect Sample			
	9/17/2019	Insufficient Water Volumes to Collect Sample			
	12/17/2019	Insufficient Water Volumes to Collect Sample			
	3/12/2020	Insufficient Water Volumes to Collect Sample			
	6/25/2020	Insufficient Water Volumes to Collect Sample			
	9/23/2020	Insufficient Water Volumes to Collect Sample			
	3/31/2021	Insufficient Water Volumes to Collect Sample			
	6/14/2021	Insufficient Water Volumes to Collect Sample			
	9/23/2021	Insufficient Water Volumes to Collect Sample			
	12/3/2021	Insufficient Water Volumes to Collect Sample			
	3/1/2022	Insufficient Water Volumes to Collect Sample			
	6/7/2022	Insufficient Water Volumes to Collect Sample			
	9/29/2022	Insufficient Water Volumes to Collect Sample			
	12/8/2022	Insufficient Water Volumes to Collect Sample			
	3/2/2023	<0.002	<0.002	<0.002	<0.004
	6/16/2023	<0.0010	<0.0010	<0.0010	<0.0020
	9/14/2023	<0.0010	<0.0010	<0.0010	<0.0020
	12/15/2023	<0.0010	<0.0010	<0.0010	<0.0020
	3/27/2024	<0.0010	<0.0010	<0.0010	<0.0015
	6/3/2024	<0.0010	<0.0010	<0.0010	<0.0015
	9/25/2024	<0.0010	<0.0010	<0.0010	<0.0015
	12/9/2024	<0.0010	<0.0010	<0.0010	<0.0015
	3/20/2025	<0.0010	<0.0010	<0.0010	<0.0015
	6/16/2025	<0.0020	<0.0020	<0.0020	<0.0030
	9/15/2025	<0.0010	<0.0010	<0.0010	<0.0015
	12/8/2025	<0.0010	<0.0010	<0.0010	<0.0015
	3/17/2026	<0.0010	0.0023	<0.0010	0.0026
	6/16/2026	<0.0010	<0.0010	<0.0010	<0.0015



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW18	3/29/2019	No sample collected due to presence of PSH			
	6/28/2019	15	18	0.77	9.4
	9/17/2019	16	23	0.87	9.8
	12/17/2019	17	19	0.78	10
	3/12/2020	1.2	0.36	0.059	0.72
	6/25/2020	13	<0.2	0.56	6.0
	9/23/2020	8.4	<0.05	0.32	4.2
	3/31/2021	11	0.011	0.31	1.7
	6/14/2021	8.5	<.01	0.28	0.62
	9/24/2021	5.3	<0.050	0.37	<0.100
	12/2/2021	9.9	<0.0020	0.61	<0.0040
	3/1/2022	8.0	<0.008	0.45	<0.016
	6/7/2022	6.6	<0.010	0.38	<0.020
	9/29/2022	6.4	<0.020	0.35	<0.030
	12/8/2022	6.7	<0.050	0.36	<0.075
	3/2/2023	4.2	<0.020	0.19	<0.040
	6/16/2023	1.5	<0.020	0.052	<0.040
	9/14/2023	5.9	<0.050	0.28	<0.100
	12/14/2023	5.5	<0.020	0.33	<0.040
	3/27/2024	0.067	<0.020	0.15	<0.030
	6/3/2024	1.4	<0.010	0.27	<0.015
	9/25/2024	0.084	<0.020	<0.020	<0.030
	12/9/2024	0.041	<0.020	<0.020	0.0042
	3/21/2025	0.44	<0.0050	<0.0050	<0.0075
	6/17/2025	0.56	<0.020	<0.020	<0.030
	9/16/2025	0.29	<0.0050	<0.0050	<0.0075
	12/8/2025	Obstructed- Not Sampled			
	3/17/2026	0.020	<0.0010	0.0015	0.0097
	6/16/2026	0.029	0.0011	0.0030	0.0034



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW19	3/29/2019	14	10	0.93	6.2
	6/28/2019	13	0.230	0.90	4.9
	9/17/2019	17	0.44	1.1	5.8
	12/17/2019	11	0.88	0.76	3.4
	3/12/2020	10	1.60	0.76	2.4
	6/25/2020	16	5.40	0.95	3.4
	9/23/2020	12	4.10	0.73	2.8
	3/31/2021	16	8.5	1.1	4.7
	6/14/2021	15	10	1.0	5.1
	9/23/2021	14	9.9	1.1	4.8
	12/2/2021	15	10	1.1	5.2
	3/1/2022	13	9.6	1.1	5.2
	6/7/2022	12	10	1.1	5.4
	9/29/2022	13	12	1.1	6.2
	12/8/2022	12	14	1.3	7.8
	3/2/2023	10	12	1.0	6.1
	6/16/2023	10	14	1.2	7.2
	9/14/2023	9.7	15	1.2	8.2
	12/14/2023	7.7	14	1.3	8.1
	3/28/2024	6.7	17	1.1	9.2
	6/3/2024	5.8 P2	17 P2	0.4 P2	8.8 P2
	9/25/2024	6.5	13	1.1	8.7
	12/10/2024	5.2	18	1.3	9.5
	3/21/2025	6.0	18	1.2	9.9
	6/16/2025	5.1	16	0.99	9.1
	9/15/2025	4.4	16	1.3	9.7
	12/9/2025	4.0 P2	9.4 P2	0.43 P2	7.4 P2
	3/17/2026	2.5	9.9	0.21	7.9
	6/17/2026	3.9	10	0.96	12



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW22	3/29/2019	0.001	0.002	<0.001	0.002
	6/28/2019	<0.001	<0.001	<0.001	<0.002
	9/17/2019	<0.001	<0.001	<0.001	<0.002
	12/17/2019	NS	NS	NS	NS
	3/12/2020	0.0011	0.0012	<0.001	0.0067
	6/25/2020	<0.001	<0.001	<0.001	0.0032
	9/23/2020	<0.001	<0.001	<0.001	<0.0015
	3/31/2021	<0.001	<0.001	<0.001	<0.0015
	6/14/2021	<0.001	<0.001	<0.001	<0.0015
	9/23/2021	<0.001	<0.001	<0.001	<0.002
	12/2/2021	<0.001	<0.001	<0.001	<0.002
	3/1/2022	<0.001	<0.001	<0.001	<0.002
	6/7/2022	<0.001	<0.001	<0.001	<0.002
	9/29/2022	<0.001	<0.001	<0.001	<0.0015
	12/8/2022	<0.002	<0.002	<0.002	<0.003
	3/2/2023	<0.002	<0.002	<0.002	<0.004
	6/16/2023	<0.0020	<0.0020	<0.0020	<0.0040
	9/14/2023	<0.0010	<0.0010	<0.0010	<0.0020
	12/14/2023	<0.0010	<0.0010	<0.0010	<0.0020
	3/28/2024	<0.0010	<0.0010	<0.0010	<0.0015
	6/3/2024	<0.0010	<0.0010	<0.0010	<0.0015
	9/23/2024	<0.0010	<0.0010	<0.0010	<0.0015
	12/9/2024	<0.0010	<0.0010	<0.0010	<0.0015
	3/21/2025	<0.0010	<0.0010	<0.0010	<0.0015
	6/16/2025	<0.0010	<0.0010	<0.0010	<0.0015
	9/16/2025	<0.0010	<0.0010	<0.0010	<0.0015
	12/9/2025	<0.0010	<0.0010	<0.0010	<0.0015
	3/17/2026	<0.0010	<0.0010	<0.0010	<0.0015
	6/16/2026	<0.0010	<0.0010	<0.0010	<0.0015



TABLE 7
GROUNDWATER ANALYTICAL RESULTS
Standard #1
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW23	6/18/2019	<0.001	<0.001	<0.001	<0.002
	9/17/2019	<0.001	<0.001	<0.001	<0.002
	12/17/2019	NS	NS	NS	NS
	3/12/2020	<0.001	<0.001	<0.001	<0.0015
	6/25/2020	<0.001	<0.001	<0.001	<0.0015
	9/23/2020	<0.001	<0.001	<0.001	<0.0015
	3/31/2021	<0.001	<0.001	<0.001	<0.0015
	6/14/2021	<0.001	<0.001	<0.001	<0.0015
	9/23/2021	Insufficient Water Volumes to Collect Sample			
	12/3/2021	<0.001	<0.001	<0.001	<0.002
	3/1/2022	<0.001	<0.001	<0.001	<0.002
	6/7/2022	<0.001	<0.001	<0.001	<0.002
	9/29/2022	<0.001	<0.001	<0.001	<0.0015
	12/8/2022	<0.002	<0.002	<0.002	<0.003
	3/2/2023	<0.002	<0.002	<0.002	<0.004
	6/16/2023	<0.0020	<0.0020	<0.0020	<0.0040
	9/15/2023	<0.001	<0.001	<0.001	<0.002
	12/14/2023	<0.001	<0.001	<0.001	<0.002
	3/27/2024	<0.001	<0.001	<0.001	<0.0015
	6/3/2024	<0.001	<0.001	<0.001	<0.0015
	9/25/2024	<0.0010	<0.0010	<0.0010	<0.0015
	12/10/2024	<0.0010	<0.0010	<0.0010	<0.0015
	3/21/2025	<0.0010	<0.0010	<0.0010	<0.0015
	6/16/2025	<0.0010	<0.0010	<0.0010	<0.0015
	9/16/2025	<0.0010	<0.0010	<0.0010	<0.0015
	12/9/2025	<0.0010	<0.0010	<0.0010	<0.0015
	3/18/2026	<0.0010	<0.0010	<0.0010	<0.0015
	6/16/2026	<0.0010	<0.0010	<0.0010	<0.0015



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Standard #1 Hilcorp Energy Company San Juan County, New Mexico					
Monitoring Well	Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMWQCC Standard		0.005	1.0	0.7	0.62
MW26	6/18/2019	0.0052	<0.001	<0.001	<0.002
	9/17/2019	<0.001	<0.001	<0.001	<0.002
	12/17/2019	<0.001	<0.001	<0.001	<0.002
	3/12/2020	<0.001	<0.001	<0.001	<0.0015
	6/25/2020	<0.001	<0.001	<0.001	<0.0015
	9/23/2020	<0.001	<0.001	<0.001	<0.0015
	3/31/2021	<0.001	<0.001	<0.001	<0.0015
	6/14/2021	<0.001	<0.001	<0.001	<0.0015
	9/24/2021	<0.001	<0.001	<0.001	<0.002
	12/3/2021	<0.001	<0.001	<0.001	<0.002
	3/1/2022	<0.001	<0.001	<0.001	<0.002
	6/7/2022	<0.001	<0.001	<0.001	<0.002
	9/29/2022	<0.001	<0.001	<0.001	<0.0015
	12/8/2022	<0.001	<0.001	<0.001	<0.0015
	3/2/2023	<0.001	<0.001	<0.001	<0.002
	6/16/2023	<0.0010	<0.0010	<0.0010	<0.0020
	9/14/2023	<0.0010	<0.0010	<0.0010	<0.0020
	12/14/2023	<0.0010	<0.0010	<0.0010	<0.0020
	3/27/2024	<0.0010	<0.0010	<0.0010	<0.0015
	6/3/2024	<0.0010	<0.0010	<0.0010	<0.0015
	9/25/2024	<0.0010	<0.0010	<0.0010	<0.0015
	12/10/2024	<0.0010	<0.0010	<0.0010	<0.0015
	3/20/2025	Insufficient Water Volumes to Collect Sample			
	6/17/2025	<0.0010	<0.0010	<0.0010	<0.0015
	9/16/2025	<0.0010	<0.0010	<0.0010	<0.0015
	12/9/2025	<0.0010	<0.0010	<0.0010	<0.0015
	3/17/2026	<0.0010	<0.0010	<0.0010	<0.0015
	6/16/2026	<0.0010	<0.0010	<0.0010	<0.0015

Notes:

Wells MW13, MW20, MW21, MW24, and MW25 have been dry since installation and are not included in this table

mg/L: milligrams per liter

NMWQCC: New Mexico Water Quality Control Commission

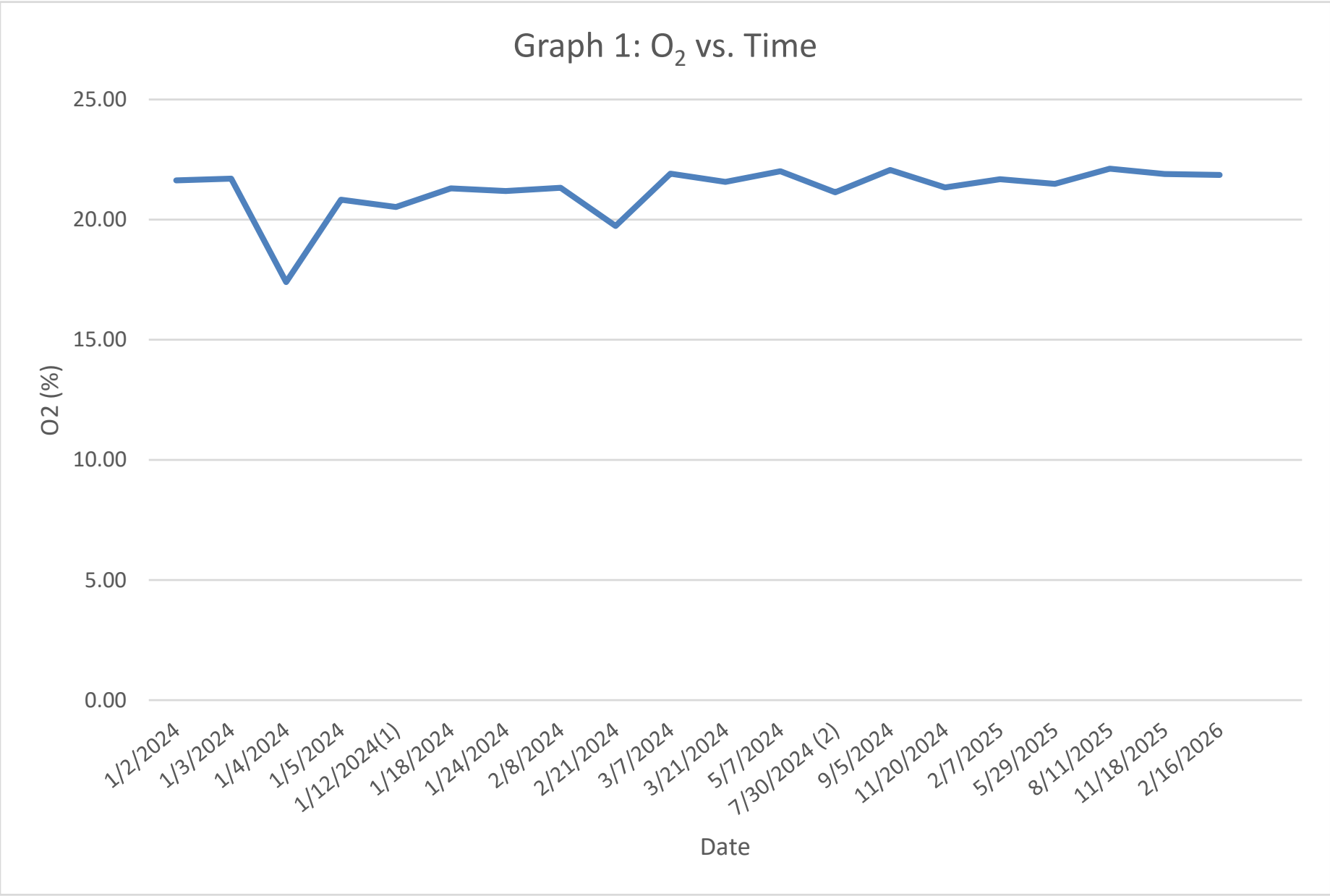
NS: not sampled

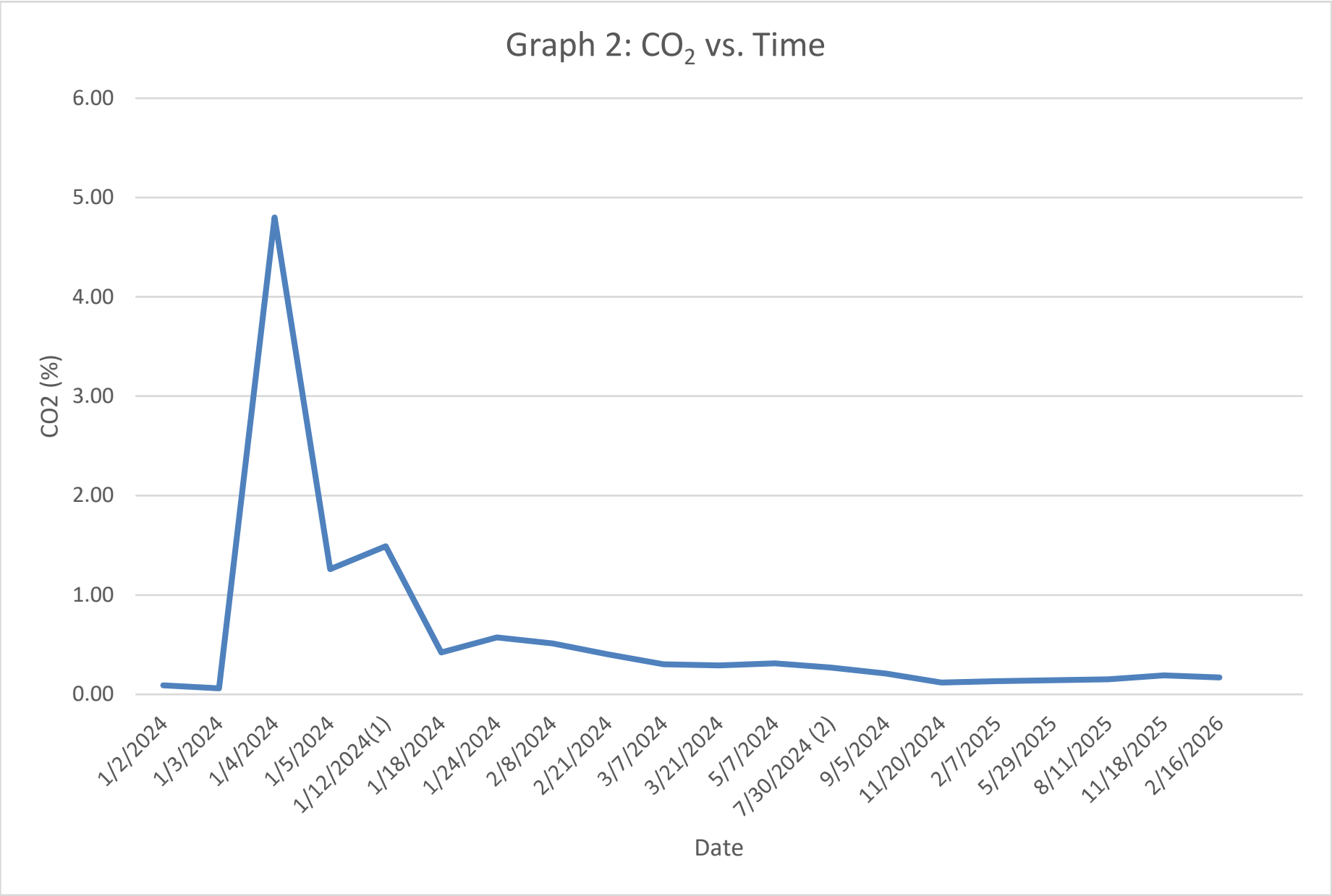
P2: sample received with pH > 2

PSH: phase separated hydrocarbon

<: indicates result less than the stated laboratory reporting limit (RL)

Concentrations in bold and shaded exceed the New Mexico Water Quality Control Commission Standards, 20.6.2 of the New Mexico Administrative Code







APPENDIX A

O&M Field Notes

STANDARD 1A DPE SYSTEM
O&M FORMDATE: 7-9
TIME ONSITE: _____O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

SVE SYSTEM - MONTHLY O&M

DPE ALARMS: KO TANK HIGH LEVEL

BI-MONTHLY MAINTENANCE, MUST BE PERFORMED/CHECKED TWICE PER MONTH

DPE SYSTEM	READING	TIME
Blower Hours (photo)	<u>17948.9</u>	<u>1547</u>
Transfer Pump Hours (photo)	<u>348.5</u>	
Influent Vacuum Pre-KO (InHg)	<u>1.2</u>	
Fresh Air Bypass (% Open)	<u>20</u>	
Pre-Filter Vacuum (InHg)	<u>15.5</u>	
Post-Filter Vacuum (InHg)	<u>13.75</u>	
Differential Pressure (IWC)	<u>1.5</u>	
Exhaust Temperature (°F)	<u>215</u>	
Exhaust PID (ppm)	<u>5.7</u>	
Transfer Pump Pressure (PSI)	<u>21</u>	
Transfer Pump Totalizer (Gal) (photo)	<u>183675.6</u>	

NOTES

Check filter for moisture	Condition:
Is replacement filter needed?	
Remove and Clean Float Assembly	Condition:
Clean Wye Strainer	Condition:
Muffler Drain Plug Check, Check Scale	Condition:
Add Chemical Pellets (once per month)	Date performed:

SVE SYSTEM SAMPLING

SAMPLE ID:

PID (ppm)

61.8OXYGEN (%) 20.9

SAMPLE TIME:

CARBON DIOXIDE (%) 280

Analytes: Sample Quarterly for TVPH (8015), 8260 - Full List VOCs, Fixed Gas (CO2 AND O2)

OPERATING WELLS

Change in Well Operation:

MONTHLY O&M MEASUREMENT

WELLHEAD MEASUREMENTS

WELL ID	VACUUM (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01	<u>132.1</u>	<u>-</u>	<u>-</u>	<u>-</u>
MW02	<u>103.6</u>	<u>15.9</u>	<u>20.9</u>	<u>2900</u>
MW03	<u>148.9</u>	<u>25.5</u>	<u>20.9</u>	<u>280</u>
MW06	<u>119.6</u>	<u>-</u>	<u>-</u>	<u>-</u>
MW10	<u>134.2</u>	<u>40.7</u>	<u>20.9</u>	<u>1140</u>
MW15	<u>150.6</u>	<u>282.2</u>	<u>20.5</u>	<u>6320</u>

MANIFOLD MEASUREMENTS

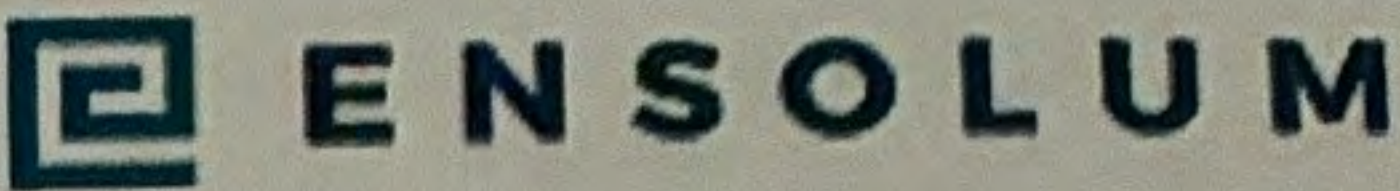
WELL ID	VACUUM (InHg)	SEE LIQUIDS? (YES/NO)	DIFF. PRESS. (IWC)
MW01	<u>149.3</u>	<u>Y</u>	<u>-0.56</u>
MW02	<u>148.9</u>	<u>Y</u>	<u>-0.33</u>
MW03	<u>149.9</u>	<u>N</u>	<u>0.06</u>
MW06	<u>0.07</u>	<u>Y</u>	<u>-15.24</u>
MW10	<u>149.7</u>	<u>N</u>	<u>0.02</u>
MW15	<u>0.02</u>	<u>Y</u>	<u>0.03</u>

COMMENTS/MAINTENANCE ISSUES

- : water in line prevented vacuum pump from drawing air into teller bag

INFLUENCE

WELL ID	VACUUM (IWC)
MW04	<u>0</u>
MW07	<u>0</u>



STANDARD 1A DPE SYSTEM
O&M FORM

DATE: 4-27
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

SVE SYSTEM - MONTHLY O&M

DPE ALARMS: KO TANK HIGH LEVEL

BI-MONTHLY MAINTENANCE, MUST BE PERFORMED/CHECKED TWICE PER MONTH

DPE SYSTEM	READING	TIME
Blower Hours (photo)	18369.6	1319
Transfer Pump Hours (photo)	353.9	
Influent Vacuum Pre-KO (InHg)	1.2	
Fresh Air Bypass (% Open)	20	
Pre-Filter Vacuum (InHg)	15.5	
Post-Filter Vacuum (InHg)	14.26	
Differential Pressure (IWC)	1.25	
Exhaust Temperature (°F)	20.5	
Exhaust PID (ppm)	4.3	
Transfer Pump Pressure (PSI)	9.5	
Transfer Pump Totalizer (Gal) (photo)	190652.5	

NOTES

Check filter for moisture	Condition:
Is replacement filter needed?	
Remove and Clean Float Assembly	Condition:
Clean Wye Strainer	Condition:
Muffler Drain Plug Check, Check Scale	Condition:
Add Chemical Pellets (once per month)	Date performed:

SVE SYSTEM SAMPLING

SAMPLE ID:	SAMPLE TIME:		
PID (ppm) 25.6	OXYGEN (%) 20.9	CARBON DIOXIDE (%) 220	
Analytes:	Sample Quarterly for TVPH (8015), 8260 - Full List VOCs, Fixed Gas (CO2 AND O2)		
OPERATING WELLS			

Change in Well Operation:

MONTHLY O&M MEASUREMENT

WELLHEAD MEASUREMENTS

WELL ID	VACUUM (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01	162.3	-	-	-
MW02	148.5	23.1	20.9	1760
MW03	153.8	29.7	20.9	160
MW06	123.2	-	-	-
MW10	145.6	35.4	20.9	720
MW15	165.9	4.4	20.9	40

MANIFOLD MEASUREMENTS

WELL ID	VACUUM (InHg)	SEE LIQUIDS? (YES/NO)	DIFF. PRESS. (IWC)
MW01	167.4	Y	0.06
MW02	167.5	Y	-0.09
MW03	156.4	N	0.01
MW06	132.3	Y	-3.07
MW10	166.3	Y	0.01
MW15	0	Y	0

COMMENTS/MAINTENANCE ISSUES

INFLUENCE

WELL ID	VACUUM (IWC)
MW04	0
MW07	0

STANDARD 1A DPE SYSTEM
O&M FORMDATE: 5-11
TIME ONSITE: _____O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

SVE SYSTEM - MONTHLY O&M

DPE ALARMS: KO TANK HIGH LEVEL

BI-MONTHLY MAINTENANCE, MUST BE PERFORMED/CHECKED TWICE PER MONTH

DPE SYSTEM	READING	TIME
Blower Hours (photo)	<u>18704.1</u>	<u>1447</u>
Transfer Pump Hours (photo)	<u>357.3</u>	
Influent Vacuum Pre-KO (InHg)	<u>1.1</u>	
Fresh Air Bypass (% Open)	<u>20</u>	
Pre-Filter Vacuum (InHg)	<u>16</u>	
Post-Filter Vacuum (InHg)	<u>14.5</u>	
Differential Pressure (IWC)	<u>1.25</u>	
Exhaust Temperature (°F)	<u>230</u>	
Exhaust PID (ppm)	<u>5.2</u>	
Transfer Pump Pressure (PSI)	<u>7</u>	
Transfer Pump Totalizer (Gal) (photo)	<u>195615.8</u>	

NOTES

Check filter for moisture Condition: _____

Is replacement filter needed? _____

Remove and Clean Float Assembly Condition: _____

Clean Wye Strainer Condition: _____

Muffler Drain Plug Check, Check Scale Condition: _____

Add Chemical Pellets (once per month) Date performed: _____

SVE SYSTEM SAMPLING

SAMPLE ID: SVE-1

SAMPLE TIME: _____

PID (ppm) 33.4OXYGEN (%) 20.9CARBON DIOXIDE (%) 180

Analytes: Sample Quarterly for TVPH (8015), 8260 - Full List VOCs, Fixed Gas (CO2 AND O2)

OPERATING WELLS

Change in Well Operation: _____

MONTHLY O&M MEASUREMENT

WELLHEAD MEASUREMENTS

WELL ID	VACUUM (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01	<u>158.2</u>	<u>-</u>	<u>-</u>	<u>-</u>
MW02	<u>151.3</u>	<u>19.6</u>	<u>20.9</u>	<u>2180</u>
MW03	<u>145.5</u>	<u>31.1</u>	<u>20.9</u>	<u>140</u>
MW06	<u>120.1</u>	<u>-</u>	<u>-</u>	<u>-</u>
MW10	<u>147.8</u>	<u>42.9</u>	<u>20.9</u>	<u>800</u>
MW15	<u>163.4</u>	<u>110.3</u>	<u>20.9</u>	<u>740</u>

MANIFOLD MEASUREMENTS

COMMENTS/MAINTENANCE ISSUES

WELL ID	VACUUM (InHg)	SEE LIQUIDS? (YES/NO)	DIFF. PRESS. (IWC)
MW01	<u>164.9</u>	<u>Y</u>	<u>-0.41</u>
MW02	<u>164.4</u>	<u>Y</u>	<u>-0.14</u>
MW03	<u>148.5</u>	<u>N</u>	<u>0.03</u>
MW06	<u>130.2</u>	<u>Y</u>	<u>-4.72</u>
MW10	<u>165.7</u>	<u>Y</u>	<u>0.01</u>
MW15	<u>0</u>	<u>Y</u>	<u>0</u>

INFLUENCE

WELL ID	VACUUM (IWC)
MW04	<u>0</u>
MW07	<u>0</u>

STANDARD 1A DPE SYSTEM
O&M FORM

DATE: 5-30
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

SVE SYSTEM - MONTHLY O&M

DPE ALARMS: KO TANK HIGH LEVEL

BI-MONTHLY MAINTENANCE, MUST BE PERFORMED/CHECKED TWICE PER MONTH

DPE SYSTEM	READING	TIME	NOTES
Blower Hours (photo)	19151.3	947	
Transfer Pump Hours (photo)	361.6		
Influent Vacuum Pre-KO (InHg)	1.2		
Fresh Air Bypass (% Open)	20		
Pre-Filter Vacuum (InHg)	16		
Post-Filter Vacuum (InHg)	14.5		
Differential Pressure (IWC)	1.25		
Exhaust Temperature (°F)	212.5		
Exhaust PID (ppm)	4.8		
Transfer Pump Pressure (PSI)	8		
Transfer Pump Totalizer (Gal) (photo)	201839.0		

Check filter for moisture	Condition:
Is replacement filter needed?	
Remove and Clean Float Assembly	Condition:
Clean Wye Strainer	Condition:
Muffler Drain Plug Check, Check Scale	Condition:
Add Chemical Pellets (once per month)	Date performed:

SVE SYSTEM SAMPLING

SAMPLE ID:	SAMPLE TIME:	
PID (ppm) 45.3	OXYGEN (%) 20.9	CARBON DIOXIDE (%) 200
Analytes:	Sample Quarterly for TVPH (8015), 8260 - Full List VOCs, Fixed Gas (CO2 AND O2)	
OPERATING WELLS		

Change in Well Operation:

MONTHLY O&M MEASUREMENT

WELLHEAD MEASUREMENTS

WELL ID	VACUUM (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01				
MW02				
MW03				
MW06				
MW10				
MW15				

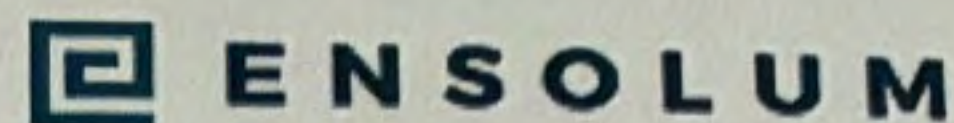
MANIFOLD MEASUREMENTS

WELL ID	VACUUM (InHg)	SEE LIQUIDS? (YES/NO)	DIFF. PRESS. (IWC)
MW01			
MW02			
MW03			
MW06			
MW10			
MW15			

INFLUENCE

WELL ID	VACUUM (IWC)
MW04	
MW07	

COMMENTS/MAINTENANCE ISSUES

STANDARD 1A DPE SYSTEM
O&M FORMDATE: 6-15
TIME ONSITE: _____O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

SVE SYSTEM - MONTHLY O&M

DPE ALARMS: KO TANK HIGH LEVEL

BI-MONTHLY MAINTENANCE, MUST BE PERFORMED/CHECKED TWICE PER MONTH

DPE SYSTEM	READING	TIME	NOTES
Blower Hours (photo)	<u>19524.5</u>	<u>1029</u>	
Transfer Pump Hours (photo)	<u>365.2</u>		
Influent Vacuum Pre-KO (InHg)	<u>0.6</u>		
Fresh Air Bypass (% Open)	<u>20</u>		
Pre-Filter Vacuum (InHg)	<u>16.25</u>		
Post-Filter Vacuum (InHg)	<u>14.75</u>		
Differential Pressure (IWC)	<u>1.0</u>		
Exhaust Temperature (°F)	<u>225</u>		
Exhaust PID (ppm)	<u>6.8</u>		
Transfer Pump Pressure (PSI)	<u>8.0</u>		
Transfer Pump Totalizer (Gal) (photo)	<u>207008.6</u>		

Check filter for moisture	Condition:
Is replacement filter needed?	
Remove and Clean Float Assembly	Condition:
Clean Wye Strainer	Condition:
Muffler Drain Plug Check, Check Scale	Condition:
Add Chemical Pellets (once per month)	Date performed:

SVE SYSTEM SAMPLING

SAMPLE ID:		SAMPLE TIME:
PID (ppm)	<u>18.4</u>	OXYGEN (%) <u>20.9</u>
Analytes:	Sample Quarterly for TVPH (8015), 8260 - Full List VOCs, Fixed Gas (CO2 AND O2)	CARBON DIOXIDE (%) <u>160</u>

OPERATING WELLS

Change in Well Operation: _____

MONTHLY O&M MEASUREMENT

WELLHEAD MEASUREMENTS

WELL ID	VACUUM (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01	<u>150.5</u>	<u>-</u>	<u>-</u>	<u>-</u>
MW02	<u>152.7</u>	<u>10.2</u>	<u>20.9</u>	<u>1860</u>
MW03	<u>168.2</u>	<u>8.2</u>	<u>20.9</u>	<u>40</u>
MW06	<u>138.6</u>	<u>-</u>	<u>-</u>	<u>-</u>
MW10	<u>168.8</u>	<u>22.6</u>	<u>20.9</u>	<u>360</u>
MW15	<u>175.4</u>	<u>11.0</u>	<u>20.9</u>	<u>40</u>

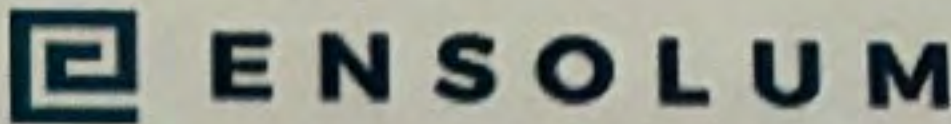
MANIFOLD MEASUREMENTS

COMMENTS/MAINTENANCE ISSUES

WELL ID	VACUUM (InHg)	SEE LIQUIDS? (YES/NO)	DIFF. PRESS. (IWC)
MW01	<u>171.9</u>	<u>Y</u>	<u>2.89</u>
MW02	<u>174.8</u>	<u>Y</u>	<u>0.45</u>
MW03	<u>175.5</u>	<u>N</u>	<u>0.11</u>
MW06	<u>144.0</u>	<u>Y</u>	<u>-3.28</u>
MW10	<u>172.7</u>	<u>Y</u>	<u>0.05</u>
MW15	<u>0</u>	<u>Y</u>	<u>0</u>

INFLUENCE

WELL ID	VACUUM (IWC)
MW04	<u>0</u>
MW07	<u>0</u>



STANDARD 1A DPE SYSTEM
O&M FORM

DATE: 6-24
TIME ONSITE: _____

O&M PERSONNEL: B Sindair
TIME OFFSITE: _____

SVE SYSTEM - MONTHLY O&M

DPE ALARMS: KO TANK HIGH LEVEL

BI-MONTHLY MAINTENANCE, MUST BE PERFORMED/CHECKED TWICE PER MONTH

DPE SYSTEM	READING	TIME	NOTES
Blower Hours (photo)	19734.3	1234	
Transfer Pump Hours (photo)	367.1		
Influent Vacuum Pre-KO (InHg)	1.0		
Fresh Air Bypass (% Open)	20		
Pre-Filter Vacuum (InHg)	15.75		
Post-Filter Vacuum (InHg)	14.25		
Differential Pressure (IWC)	1.5		
Exhaust Temperature (°F)	235		
Exhaust PID (ppm)	2.5		
Transfer Pump Pressure (PSI)	9.5		
Transfer Pump Totalizer (Gal) (photo)	209889.4		

Check filter for moisture	Condition:
Is replacement filter needed?	
Remove and Clean Float Assembly	Condition:
Clean Wye Strainer	Condition:
Muffler Drain Plug Check, Check Scale	Condition:
Add Chemical Pellets (once per month)	Date performed:

SVE SYSTEM SAMPLING

SAMPLE ID:	SAMPLE TIME:		
PID (ppm)	7.3	OXYGEN (%)	20.9
Analytes:	Sample Quarterly for TVPH (8015), 8260 - Full List VOCs, Fixed Gas (CO2 AND O2)		CARBON DIOXIDE (%)
OPERATING WELLS	80		

Change in Well Operation:

MONTHLY O&M MEASUREMENT

WELL ID	VACUUM (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01	144.7	-	-	-
MW02	146.4	6.4	20.8	1660
MW03	161.8	4.0	20.9	20
MW06	110.6	-	-	-
MW10	160.4	14.0	20.9	260
MW15	169.6	3.0	20.9	60

MANIFOLD MEASUREMENTS

COMMENTS/MAINTENANCE ISSUES

WELL ID	VACUUM (InHg)	SEE LIQUIDS? (YES/NO)	DIFF. PRESS. (IWC)
MW01	156.7	Y	1.33
MW02	164.3	Y	0.26
MW03	171.2	N	0.08
MW06	128.4	Y	-3.51
MW10	174.0	Y	0.04
MW15	0	Y	0

INFLUENCE

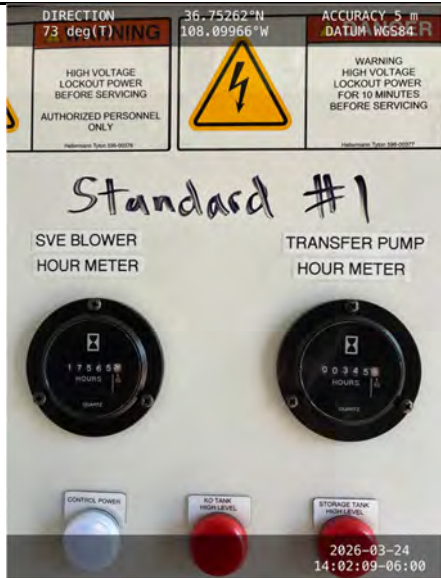
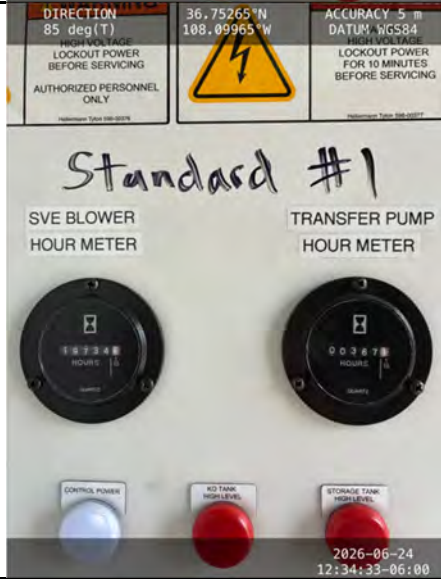
WELL ID	VACUUM (IWC)
MW04	0
MW07	0



APPENDIX B

Project Photographs

PROJECT PHOTOGRAPHS
Standard #1
San Juan County, New Mexico
Hilcorp Energy Company

Photograph 1 Runtime meter taken on March 24, 2026 at 2:02 PM Hours = 17,565.8	
Photograph 2 Runtime meter taken on June 24, 2026 at 12:34 PM Hours = 19,734.3	

PROJECT PHOTOGRAPHS
Standard #1
San Juan County, New Mexico
Hilcorp Energy Company

Photograph 3 Totalizer taken on March 24, 2026 at 2:02 PM Gallons = 180,310.8	
Photograph 4 Totalizer taken on June 24, 2026 at 12:34 PM Gallons = 209,889.4	



APPENDIX C

DPE Laboratory Analytical Reports



Environment Testing

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- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Kate Kaufman
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 6/12/2026 4:33:00 PM

JOB DESCRIPTION

Standard 1

JOB NUMBER

885-50490-1

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
6/12/2026 4:33:00 PM

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

Client: Hilcorp Energy
Project/Site: Standard 1

Laboratory Job ID: 885-50490-1

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Definitions/Glossary

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

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: Standard 1

Job ID: 885-50490-1

Job ID: 885-50490-1

Eurofins Albuquerque

Job Narrative 885-50490-1

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 6/2/2026 6:45 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

The data for this report have been reviewed with the following errors encountered: Fixed Gases canceled due to instrument failure.

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.

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

Client Sample ID: SVE-1

Lab Sample ID: 885-50490-1

Date Collected: 05/30/26 10:00

Matrix: Air

Date Received: 06/02/26 06:45

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]	30		25	ug/L			06/03/26 13:28	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		39 - 158		06/03/26 13:28	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			06/03/26 13:28	5
1,1,1-Trichloroethane	ND		0.50	ug/L			06/03/26 13:28	5
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			06/03/26 13:28	5
1,1,2-Trichloroethane	ND		0.50	ug/L			06/03/26 13:28	5
1,1-Dichloroethane	ND		0.50	ug/L			06/03/26 13:28	5
1,1-Dichloroethene	ND		0.50	ug/L			06/03/26 13:28	5
1,1-Dichloropropene	ND		0.50	ug/L			06/03/26 13:28	5
1,2,3-Trichlorobenzene	ND		0.50	ug/L			06/03/26 13:28	5
1,2,3-Trichloropropane	ND		1.0	ug/L			06/03/26 13:28	5
1,2,4-Trichlorobenzene	ND		0.50	ug/L			06/03/26 13:28	5
1,2,4-Trimethylbenzene	ND		0.50	ug/L			06/03/26 13:28	5
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			06/03/26 13:28	5
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			06/03/26 13:28	5
1,2-Dichlorobenzene	ND		0.50	ug/L			06/03/26 13:28	5
1,2-Dichloroethane (EDC)	ND		0.50	ug/L			06/03/26 13:28	5
1,2-Dichloropropane	ND		0.50	ug/L			06/03/26 13:28	5
1,3,5-Trimethylbenzene	ND		0.50	ug/L			06/03/26 13:28	5
1,3-Dichlorobenzene	ND		0.50	ug/L			06/03/26 13:28	5
1,3-Dichloropropane	ND		0.50	ug/L			06/03/26 13:28	5
1,4-Dichlorobenzene	ND		0.50	ug/L			06/03/26 13:28	5
1-Methylnaphthalene	ND		2.0	ug/L			06/03/26 13:28	5
2,2-Dichloropropane	ND		1.0	ug/L			06/03/26 13:28	5
2-Butanone	ND		5.0	ug/L			06/03/26 13:28	5
2-Chlorotoluene	ND		0.50	ug/L			06/03/26 13:28	5
2-Hexanone	ND		5.0	ug/L			06/03/26 13:28	5
2-Methylnaphthalene	ND		2.0	ug/L			06/03/26 13:28	5
4-Chlorotoluene	ND		0.50	ug/L			06/03/26 13:28	5
4-Isopropyltoluene	ND		0.50	ug/L			06/03/26 13:28	5
4-Methyl-2-pentanone	ND		5.0	ug/L			06/03/26 13:28	5
Acetone	ND		5.0	ug/L			06/03/26 13:28	5
Benzene	1.4		0.50	ug/L			06/03/26 13:28	5
Bromobenzene	ND		0.50	ug/L			06/03/26 13:28	5
Bromodichloromethane	ND		0.50	ug/L			06/03/26 13:28	5
Dibromochloromethane	ND		0.50	ug/L			06/03/26 13:28	5
Bromoform	ND		0.50	ug/L			06/03/26 13:28	5
Bromomethane	ND		1.5	ug/L			06/03/26 13:28	5
Carbon disulfide	ND		5.0	ug/L			06/03/26 13:28	5
Carbon tetrachloride	ND		0.50	ug/L			06/03/26 13:28	5
Chlorobenzene	ND		0.50	ug/L			06/03/26 13:28	5
Chloroethane	ND		1.0	ug/L			06/03/26 13:28	5
Chloroform	ND		0.50	ug/L			06/03/26 13:28	5

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

Client Sample ID: SVE-1

Lab Sample ID: 885-50490-1

Date Collected: 05/30/26 10:00

Matrix: Air

Date Received: 06/02/26 06:45

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			06/03/26 13:28	5
cis-1,2-Dichloroethene	ND		0.50	ug/L			06/03/26 13:28	5
cis-1,3-Dichloropropene	ND		0.50	ug/L			06/03/26 13:28	5
Dibromomethane	ND		0.50	ug/L			06/03/26 13:28	5
Dichlorodifluoromethane	ND		0.50	ug/L			06/03/26 13:28	5
Ethylbenzene	ND		0.50	ug/L			06/03/26 13:28	5
Hexachlorobutadiene	ND		0.50	ug/L			06/03/26 13:28	5
Isopropylbenzene	ND		0.50	ug/L			06/03/26 13:28	5
Methyl-tert-butyl Ether (MTBE)	ND		0.50	ug/L			06/03/26 13:28	5
Methylene Chloride	ND		1.3	ug/L			06/03/26 13:28	5
n-Butylbenzene	ND		1.5	ug/L			06/03/26 13:28	5
N-Propylbenzene	ND		0.50	ug/L			06/03/26 13:28	5
Naphthalene	ND		1.0	ug/L			06/03/26 13:28	5
sec-Butylbenzene	ND		0.50	ug/L			06/03/26 13:28	5
Styrene	ND		0.50	ug/L			06/03/26 13:28	5
tert-Butylbenzene	ND		0.50	ug/L			06/03/26 13:28	5
Tetrachloroethene (PCE)	ND		0.50	ug/L			06/03/26 13:28	5
Toluene	1.6		0.50	ug/L			06/03/26 13:28	5
trans-1,2-Dichloroethene	ND		0.50	ug/L			06/03/26 13:28	5
trans-1,3-Dichloropropene	ND		0.50	ug/L			06/03/26 13:28	5
Trichloroethene (TCE)	ND		0.50	ug/L			06/03/26 13:28	5
Trichlorofluoromethane	ND		0.50	ug/L			06/03/26 13:28	5
Vinyl chloride	ND		0.50	ug/L			06/03/26 13:28	5
Xylenes, Total	1.1		0.75	ug/L			06/03/26 13:28	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 130		06/03/26 13:28	5
Toluene-d8 (Surr)	98		70 - 130		06/03/26 13:28	5
4-Bromofluorobenzene (Surr)	101		70 - 130		06/03/26 13:28	5
Dibromofluoromethane (Surr)	98		70 - 130		06/03/26 13:28	5

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

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

Lab Sample ID: MB 885-49814/5

Matrix: Air

Analysis Batch: 49814

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			06/03/26 13:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		39 - 158				06/03/26 13:03	1

Lab Sample ID: LCS 885-49814/4

Matrix: Air

Analysis Batch: 49814

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	50.0	45.0		ug/L		90	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		39 - 158				

Lab Sample ID: 885-50490-1 DU

Matrix: Air

Analysis Batch: 49814

Client Sample ID: SVE-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Gasoline Range Organics [C6 - C10]	30		33.4		ug/L		11	20
Surrogate	DU %Recovery	DU Qualifier	Limits					
4-Bromofluorobenzene (Surr)	95		39 - 158					

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

Lab Sample ID: MB 885-49812/5

Matrix: Air

Analysis Batch: 49812

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			06/03/26 13:03	1
1,1,1-Trichloroethane	ND		0.10	ug/L			06/03/26 13:03	1
1,1,2,2-Tetrachloroethane	ND		0.20	ug/L			06/03/26 13:03	1
1,1,2-Trichloroethane	ND		0.10	ug/L			06/03/26 13:03	1
1,1-Dichloroethane	ND		0.10	ug/L			06/03/26 13:03	1
1,1-Dichloroethene	ND		0.10	ug/L			06/03/26 13:03	1
1,1-Dichloropropene	ND		0.10	ug/L			06/03/26 13:03	1
1,2,3-Trichlorobenzene	ND		0.10	ug/L			06/03/26 13:03	1
1,2,3-Trichloropropane	ND		0.20	ug/L			06/03/26 13:03	1
1,2,4-Trichlorobenzene	ND		0.10	ug/L			06/03/26 13:03	1
1,2,4-Trimethylbenzene	ND		0.10	ug/L			06/03/26 13:03	1
1,2-Dibromo-3-Chloropropane	ND		0.20	ug/L			06/03/26 13:03	1
1,2-Dibromoethane (EDB)	ND		0.10	ug/L			06/03/26 13:03	1
1,2-Dichlorobenzene	ND		0.10	ug/L			06/03/26 13:03	1

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

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

Lab Sample ID: MB 885-49812/5

Matrix: Air

Analysis Batch: 49812

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane (EDC)	ND		0.10	ug/L			06/03/26 13:03	1
1,2-Dichloropropane	ND		0.10	ug/L			06/03/26 13:03	1
1,3,5-Trimethylbenzene	ND		0.10	ug/L			06/03/26 13:03	1
1,3-Dichlorobenzene	ND		0.10	ug/L			06/03/26 13:03	1
1,3-Dichloropropane	ND		0.10	ug/L			06/03/26 13:03	1
1,4-Dichlorobenzene	ND		0.10	ug/L			06/03/26 13:03	1
1-Methylnaphthalene	ND		0.40	ug/L			06/03/26 13:03	1
2,2-Dichloropropane	ND		0.20	ug/L			06/03/26 13:03	1
2-Butanone	ND		1.0	ug/L			06/03/26 13:03	1
2-Chlorotoluene	ND		0.10	ug/L			06/03/26 13:03	1
2-Hexanone	ND		1.0	ug/L			06/03/26 13:03	1
2-Methylnaphthalene	ND		0.40	ug/L			06/03/26 13:03	1
4-Chlorotoluene	ND		0.10	ug/L			06/03/26 13:03	1
4-Isopropyltoluene	ND		0.10	ug/L			06/03/26 13:03	1
4-Methyl-2-pentanone	ND		1.0	ug/L			06/03/26 13:03	1
Acetone	ND		1.0	ug/L			06/03/26 13:03	1
Benzene	ND		0.10	ug/L			06/03/26 13:03	1
Bromobenzene	ND		0.10	ug/L			06/03/26 13:03	1
Bromodichloromethane	ND		0.10	ug/L			06/03/26 13:03	1
Dibromochloromethane	ND		0.10	ug/L			06/03/26 13:03	1
Bromoform	ND		0.10	ug/L			06/03/26 13:03	1
Bromomethane	ND		0.30	ug/L			06/03/26 13:03	1
Carbon disulfide	ND		1.0	ug/L			06/03/26 13:03	1
Carbon tetrachloride	ND		0.10	ug/L			06/03/26 13:03	1
Chlorobenzene	ND		0.10	ug/L			06/03/26 13:03	1
Chloroethane	ND		0.20	ug/L			06/03/26 13:03	1
Chloroform	ND		0.10	ug/L			06/03/26 13:03	1
Chloromethane	ND		0.30	ug/L			06/03/26 13:03	1
cis-1,2-Dichloroethene	ND		0.10	ug/L			06/03/26 13:03	1
cis-1,3-Dichloropropene	ND		0.10	ug/L			06/03/26 13:03	1
Dibromomethane	ND		0.10	ug/L			06/03/26 13:03	1
Dichlorodifluoromethane	ND		0.10	ug/L			06/03/26 13:03	1
Ethylbenzene	ND		0.10	ug/L			06/03/26 13:03	1
Hexachlorobutadiene	ND		0.10	ug/L			06/03/26 13:03	1
Isopropylbenzene	ND		0.10	ug/L			06/03/26 13:03	1
Methyl-tert-butyl Ether (MTBE)	ND		0.10	ug/L			06/03/26 13:03	1
Methylene Chloride	ND		0.25	ug/L			06/03/26 13:03	1
n-Butylbenzene	ND		0.30	ug/L			06/03/26 13:03	1
N-Propylbenzene	ND		0.10	ug/L			06/03/26 13:03	1
Naphthalene	ND		0.20	ug/L			06/03/26 13:03	1
sec-Butylbenzene	ND		0.10	ug/L			06/03/26 13:03	1
Styrene	ND		0.10	ug/L			06/03/26 13:03	1
tert-Butylbenzene	ND		0.10	ug/L			06/03/26 13:03	1
Tetrachloroethene (PCE)	ND		0.10	ug/L			06/03/26 13:03	1
Toluene	ND		0.10	ug/L			06/03/26 13:03	1
trans-1,2-Dichloroethene	ND		0.10	ug/L			06/03/26 13:03	1
trans-1,3-Dichloropropene	ND		0.10	ug/L			06/03/26 13:03	1
Trichloroethene (TCE)	ND		0.10	ug/L			06/03/26 13:03	1
Trichlorofluoromethane	ND		0.10	ug/L			06/03/26 13:03	1

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

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

Lab Sample ID: MB 885-49812/5

Matrix: Air

Analysis Batch: 49812

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			06/03/26 13:03	1
Xylenes, Total	ND		0.15	ug/L			06/03/26 13:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 130				06/03/26 13:03	1
Toluene-d8 (Surr)	98		70 - 130				06/03/26 13:03	1
4-Bromofluorobenzene (Surr)	101		70 - 130				06/03/26 13:03	1
Dibromofluoromethane (Surr)	98		70 - 130				06/03/26 13:03	1

Lab Sample ID: LCS 885-49812/4

Matrix: Air

Analysis Batch: 49812

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	2.00	1.77		ug/L		88	70 - 130
Benzene	2.00	2.02		ug/L		101	70 - 130
Chlorobenzene	2.00	2.06		ug/L		103	70 - 130
Toluene	2.00	2.03		ug/L		101	70 - 130
Trichloroethene (TCE)	2.00	1.86		ug/L		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	98		70 - 130				
Toluene-d8 (Surr)	98		70 - 130				
4-Bromofluorobenzene (Surr)	101		70 - 130				
Dibromofluoromethane (Surr)	98		70 - 130				

Lab Sample ID: 885-50490-1 DU

Matrix: Air

Analysis Batch: 49812

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	ND		ND		ug/L		NC	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	ND		ND		ug/L		NC	20

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

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

Lab Sample ID: 885-50490-1 DU

Client Sample ID: SVE-1

Matrix: Air

Prep Type: Total/NA

Analysis Batch: 49812

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	1.4		1.48		ug/L		3	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	ND		ND		ug/L		NC	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	1.6		1.76		ug/L		11	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	1.1		1.15		ug/L		4	20

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

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

Lab Sample ID: 885-50490-1 DU
Matrix: Air
Analysis Batch: 49812

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

	DU	DU	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	76		70 - 130
Toluene-d8 (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130

QC Association Summary

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

GC/MS VOA

Analysis Batch: 49812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-50490-1	SVE-1	Total/NA	Air	8260B	
MB 885-49812/5	Method Blank	Total/NA	Air	8260B	
LCS 885-49812/4	Lab Control Sample	Total/NA	Air	8260B	
885-50490-1 DU	SVE-1	Total/NA	Air	8260B	

Analysis Batch: 49814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-50490-1	SVE-1	Total/NA	Air	8015M/D	
MB 885-49814/5	Method Blank	Total/NA	Air	8015M/D	
LCS 885-49814/4	Lab Control Sample	Total/NA	Air	8015M/D	
885-50490-1 DU	SVE-1	Total/NA	Air	8015M/D	

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

Client Sample ID: SVE-1
Date Collected: 05/30/26 10:00
Date Received: 06/02/26 06:45

Lab Sample ID: 885-50490-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015M/D		5	49814	JP	EET ALB	06/03/26 13:28
Total/NA	Analysis	8260B		5	49812	CM	EET ALB	06/03/26 13:28

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

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- 2
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Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

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	02-25-27

The following analytes are included in this report, but the laboratory is not certified by New Mexico State NM9425. 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
8260B		Air	Dibromomethane

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Standard 1

Job ID: 885-50490-1

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 New Mexico State NM9425. This list may include analytes for which the agency does not offer certification :			
Analysis Method	Prep Method	Matrix	Analyte
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	02-25-27
The following analytes are included in this report, but the laboratory is not certified by Oregon NELAP NM100001. 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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Standard 1

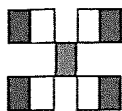
Job ID: 885-50490-1

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 Oregon NELAP NM100001. This list may include analytes for which the agency does not offer certification :			
Analysis Method	Prep Method	Matrix	Analyte
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



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com



44901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

885-50490 COC

Chain-of-Custody Record

Chain-of-Custody Record									
Client: <u>Hilcorp</u>		Turn-Around Time: ☒ Standard ☐ Rush							
Mailing Address:		Project Name: <u>Standard 1</u>							
Phone #:		Project #:							
email or Fax#: <u>brandon.sinsclair@hilcorp.com</u>		Project Manager: <u>Kate Kaufman</u>							
QA/QC Package:		Sampler: <u>Brandon Sinclair</u>							
☐ Standard ☐ Level 4 (Full Validation)		On Ice: ☐ Yes ☒ No							
Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other		# of Coolers: <u>1</u>							
☐ EDD (Type)		Cooler Temp (including CF): <u>N/A</u> (°C)							
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.			
<u>5-30</u>	<u>1000</u>	<u>air</u>	<u>SVE-1</u>	<u>2 Teller</u>					
Date	Time	Relinquished by	Received by		Via	Date	Time		
<u>6/1/20</u>	<u>1528</u>	<u>[Signature]</u>	<u>[Signature]</u>		<u>Air</u>	<u>6/1/20</u>	<u>1528</u>		
Date	Time	Relinquished by	Received by		Via	Date	Time		
<u>6/1/24</u>	<u>1800</u>	<u>[Signature]</u>	<u>[Signature]</u>		<u>Air</u>	<u>6/1/24</u>	<u>1800</u>		

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.

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Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-50490-1

Login Number: 50490

List Source: Eurofins Albuquerque

List Number: 1

Creator: Dominguez, Desiree

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



APPENDIX D

Groundwater Laboratory Analytical Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brandon Sinclair
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 6/23/2026 10:58:49 AM

JOB DESCRIPTION

Standard #1

JOB NUMBER

885-51729-1

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
6/23/2026 10:58:49 AM

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

Client: Hilcorp Energy
Project/Site: Standard #1

Laboratory Job ID: 885-51729-1

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Definitions/Glossary

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

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: Standard #1

Job ID: 885-51729-1

Job ID: 885-51729-1

Eurofins Albuquerque

Job Narrative 885-51729-1

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 samples were received on 6/18/2026 7:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

GC/MS VOA

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

Eurofins Albuquerque



Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-04

Lab Sample ID: 885-51729-1

Date Collected: 06/17/26 11:25

Matrix: Water

Date Received: 06/18/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.7		1.0	ug/L			06/20/26 00:41	1
Ethylbenzene	ND		1.0	ug/L			06/20/26 00:41	1
Toluene	ND		1.0	ug/L			06/20/26 00:41	1
Xylenes, Total	ND		1.5	ug/L			06/20/26 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		70 - 130		06/20/26 00:41	1
4-Bromofluorobenzene (Surr)	100		70 - 130		06/20/26 00:41	1
Dibromofluoromethane (Surr)	107		70 - 130		06/20/26 00:41	1
Toluene-d8 (Surr)	101		70 - 130		06/20/26 00:41	1

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-09

Lab Sample ID: 885-51729-2

Date Collected: 06/15/26 11:15

Matrix: Water

Date Received: 06/18/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	570		50	ug/L			06/22/26 17:00	50
Ethylbenzene	ND		5.0	ug/L			06/20/26 02:05	5
Toluene	ND		5.0	ug/L			06/20/26 02:05	5
Xylenes, Total	ND		7.5	ug/L			06/20/26 02:05	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130				06/20/26 02:05	5
1,2-Dichloroethane-d4 (Surr)	94		70 - 130				06/22/26 17:00	50
4-Bromofluorobenzene (Surr)	111		70 - 130				06/20/26 02:05	5
4-Bromofluorobenzene (Surr)	99		70 - 130				06/22/26 17:00	50
Dibromofluoromethane (Surr)	107		70 - 130				06/20/26 02:05	5
Dibromofluoromethane (Surr)	102		70 - 130				06/22/26 17:00	50
Toluene-d8 (Surr)	99		70 - 130				06/20/26 02:05	5
Toluene-d8 (Surr)	101		70 - 130				06/22/26 17:00	50

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-14
Date Collected: 06/16/26 10:00
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	36		5.0	ug/L			06/22/26 17:27	5	
Ethylbenzene	150		5.0	ug/L			06/22/26 17:27	5	
Toluene	ND		5.0	ug/L			06/22/26 17:27	5	
Xylenes, Total	180		7.5	ug/L			06/22/26 17:27	5	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	96		70 - 130				06/22/26 17:27	5	
4-Bromofluorobenzene (Surr)	100		70 - 130				06/22/26 17:27	5	
Dibromofluoromethane (Surr)	104		70 - 130				06/22/26 17:27	5	
Toluene-d8 (Surr)	96		70 - 130				06/22/26 17:27	5	

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-8

Lab Sample ID: 885-51729-4

Date Collected: 06/16/26 15:00

Matrix: Water

Date Received: 06/18/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			06/20/26 03:02	1
Ethylbenzene	ND		1.0	ug/L			06/20/26 03:02	1
Toluene	ND		1.0	ug/L			06/20/26 03:02	1
Xylenes, Total	ND		1.5	ug/L			06/20/26 03:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		70 - 130		06/20/26 03:02	1
4-Bromofluorobenzene (Surr)	101		70 - 130		06/20/26 03:02	1
Dibromofluoromethane (Surr)	115		70 - 130		06/20/26 03:02	1
Toluene-d8 (Surr)	100		70 - 130		06/20/26 03:02	1

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-11
Date Collected: 06/16/26 11:40
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-5
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		1.0	ug/L			06/20/26 03:30	1	
Ethylbenzene	ND		1.0	ug/L			06/20/26 03:30	1	
Toluene	ND		1.0	ug/L			06/20/26 03:30	1	
Xylenes, Total	ND		1.5	ug/L			06/20/26 03:30	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	112		70 - 130				06/20/26 03:30	1	
4-Bromofluorobenzene (Surr)	99		70 - 130				06/20/26 03:30	1	
Dibromofluoromethane (Surr)	108		70 - 130				06/20/26 03:30	1	
Toluene-d8 (Surr)	99		70 - 130				06/20/26 03:30	1	

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-12
Date Collected: 06/15/26 14:00
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	12		1.0	ug/L			06/20/26 03:58	1	
Ethylbenzene	ND		1.0	ug/L			06/20/26 03:58	1	
Toluene	ND		1.0	ug/L			06/20/26 03:58	1	
Xylenes, Total	1.7		1.5	ug/L			06/20/26 03:58	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	110		70 - 130				06/20/26 03:58	1	
4-Bromofluorobenzene (Surr)	108		70 - 130				06/20/26 03:58	1	
Dibromofluoromethane (Surr)	108		70 - 130				06/20/26 03:58	1	
Toluene-d8 (Surr)	99		70 - 130				06/20/26 03:58	1	

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-16
Date Collected: 06/16/26 12:45
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	14		2.0	ug/L			06/20/26 04:26	2
Ethylbenzene	45		2.0	ug/L			06/20/26 04:26	2
Toluene	ND		2.0	ug/L			06/20/26 04:26	2
Xylenes, Total	3.4		3.0	ug/L			06/20/26 04:26	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		70 - 130		06/20/26 04:26	2
4-Bromofluorobenzene (Surr)	110		70 - 130		06/20/26 04:26	2
Dibromofluoromethane (Surr)	109		70 - 130		06/20/26 04:26	2
Toluene-d8 (Surr)	89		70 - 130		06/20/26 04:26	2

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-17
Date Collected: 06/16/26 12:00
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-8
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		1.0	ug/L			06/20/26 04:54	1	
Ethylbenzene	ND		1.0	ug/L			06/20/26 04:54	1	
Toluene	ND		1.0	ug/L			06/20/26 04:54	1	
Xylenes, Total	ND		1.5	ug/L			06/20/26 04:54	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	111		70 - 130				06/20/26 04:54	1	
4-Bromofluorobenzene (Surr)	99		70 - 130				06/20/26 04:54	1	
Dibromofluoromethane (Surr)	107		70 - 130				06/20/26 04:54	1	
Toluene-d8 (Surr)	98		70 - 130				06/20/26 04:54	1	

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-18
Date Collected: 06/16/26 13:30
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-9
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	29		1.0	ug/L			06/20/26 05:22	1	
Ethylbenzene	3.0		1.0	ug/L			06/20/26 05:22	1	
Toluene	1.1		1.0	ug/L			06/20/26 05:22	1	
Xylenes, Total	3.4		1.5	ug/L			06/20/26 05:22	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	112		70 - 130				06/20/26 05:22	1	
4-Bromofluorobenzene (Surr)	123		70 - 130				06/20/26 05:22	1	
Dibromofluoromethane (Surr)	108		70 - 130				06/20/26 05:22	1	
Toluene-d8 (Surr)	92		70 - 130				06/20/26 05:22	1	

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-19

Lab Sample ID: 885-51729-10

Date Collected: 06/17/26 09:30

Matrix: Water

Date Received: 06/18/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3900		200	ug/L			06/20/26 05:51	200
Ethylbenzene	960		200	ug/L			06/20/26 05:51	200
Toluene	10000		200	ug/L			06/20/26 05:51	200
Xylenes, Total	12000		300	ug/L			06/20/26 05:51	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 130		06/20/26 05:51	200
4-Bromofluorobenzene (Surr)	98		70 - 130		06/20/26 05:51	200
Dibromofluoromethane (Surr)	109		70 - 130		06/20/26 05:51	200
Toluene-d8 (Surr)	97		70 - 130		06/20/26 05:51	200

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-22

Lab Sample ID: 885-51729-11

Date Collected: 06/16/26 12:35

Matrix: Water

Date Received: 06/18/26 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			06/20/26 06:19	1
Ethylbenzene	ND		1.0	ug/L			06/20/26 06:19	1
Toluene	ND		1.0	ug/L			06/20/26 06:19	1
Xylenes, Total	ND		1.5	ug/L			06/20/26 06:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130				06/20/26 06:19	1
4-Bromofluorobenzene (Surr)	100		70 - 130				06/20/26 06:19	1
Dibromofluoromethane (Surr)	103		70 - 130				06/20/26 06:19	1
Toluene-d8 (Surr)	99		70 - 130				06/20/26 06:19	1

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-23
Date Collected: 06/16/26 16:55
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-12
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		1.0	ug/L			06/20/26 06:47	1	
Ethylbenzene	ND		1.0	ug/L			06/20/26 06:47	1	
Toluene	ND		1.0	ug/L			06/20/26 06:47	1	
Xylenes, Total	ND		1.5	ug/L			06/20/26 06:47	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	109		70 - 130				06/20/26 06:47	1	
4-Bromofluorobenzene (Surr)	100		70 - 130				06/20/26 06:47	1	
Dibromofluoromethane (Surr)	108		70 - 130				06/20/26 06:47	1	
Toluene-d8 (Surr)	96		70 - 130				06/20/26 06:47	1	

Client Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-26
Date Collected: 06/16/26 15:10
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-13
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		1.0	ug/L			06/20/26 07:15	1	
Ethylbenzene	ND		1.0	ug/L			06/20/26 07:15	1	
Toluene	ND		1.0	ug/L			06/20/26 07:15	1	
Xylenes, Total	ND		1.5	ug/L			06/20/26 07:15	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	106		70 - 130				06/20/26 07:15	1	
4-Bromofluorobenzene (Surr)	102		70 - 130				06/20/26 07:15	1	
Dibromofluoromethane (Surr)	109		70 - 130				06/20/26 07:15	1	
Toluene-d8 (Surr)	102		70 - 130				06/20/26 07:15	1	

QC Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

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

Lab Sample ID: MB 885-50693/4

Matrix: Water

Analysis Batch: 50693

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			06/19/26 23:45	1
Ethylbenzene	ND		1.0	ug/L			06/19/26 23:45	1
Toluene	ND		1.0	ug/L			06/19/26 23:45	1
Xylenes, Total	ND		1.5	ug/L			06/19/26 23:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 130		06/19/26 23:45	1
4-Bromofluorobenzene (Surr)	102		70 - 130		06/19/26 23:45	1
Dibromofluoromethane (Surr)	108		70 - 130		06/19/26 23:45	1
Toluene-d8 (Surr)	96		70 - 130		06/19/26 23:45	1

Lab Sample ID: LCS 885-50693/3

Matrix: Water

Analysis Batch: 50693

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	24.4		ug/L		122	70 - 130
Toluene	20.0	22.3		ug/L		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	106		70 - 130
Toluene-d8 (Surr)	95		70 - 130

Lab Sample ID: 885-51729-1 MS

Matrix: Water

Analysis Batch: 50693

Client Sample ID: MW-04

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2.7		20.0	27.4		ug/L		124	70 - 130
Toluene	ND		20.0	24.1		ug/L		119	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: 885-51729-1 MSD

Matrix: Water

Analysis Batch: 50693

Client Sample ID: MW-04

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	2.7		20.0	24.9		ug/L		111	70 - 130	10	20
Toluene	ND		20.0	20.7		ug/L		102	70 - 130	15	20

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QC Sample Results

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

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

Lab Sample ID: 885-51729-1 MSD

Matrix: Water

Analysis Batch: 50693

Client Sample ID: MW-04

Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130
Dibromofluoromethane (Surr)	111		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: MB 885-50758/5

Matrix: Water

Analysis Batch: 50758

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		1.0	ug/L			06/22/26 15:10	1	
Ethylbenzene	ND		1.0	ug/L			06/22/26 15:10	1	
Toluene	ND		1.0	ug/L			06/22/26 15:10	1	
Xylenes, Total	ND		1.5	ug/L			06/22/26 15:10	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,2-Dichloroethane-d4 (Surr)	100		70 - 130		06/22/26 15:10	1			
4-Bromofluorobenzene (Surr)	99		70 - 130		06/22/26 15:10	1			
Dibromofluoromethane (Surr)	101		70 - 130		06/22/26 15:10	1			
Toluene-d8 (Surr)	100		70 - 130		06/22/26 15:10	1			

Lab Sample ID: LCS 885-50758/4

Matrix: Water

Analysis Batch: 50758

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	20.0	16.5		ug/L		82	70 - 130		
Ethylbenzene	20.0	18.6		ug/L		93	70 - 130		
m&p-Xylene	40.0	37.5		ug/L		94	70 - 130		
o-Xylene	20.0	18.7		ug/L		94	70 - 130		
Toluene	20.0	18.6		ug/L		93	70 - 130		
Xylenes, Total	60.0	56.2		ug/L		94	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	98		70 - 130

Eurofins Albuquerque

QC Association Summary

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

GC/MS VOA

Analysis Batch: 50693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-51729-1	MW-04	Total/NA	Water	8260B	
885-51729-2	MW-09	Total/NA	Water	8260B	
885-51729-4	MW-8	Total/NA	Water	8260B	
885-51729-5	MW-11	Total/NA	Water	8260B	
885-51729-6	MW-12	Total/NA	Water	8260B	
885-51729-7	MW-16	Total/NA	Water	8260B	
885-51729-8	MW-17	Total/NA	Water	8260B	
885-51729-9	MW-18	Total/NA	Water	8260B	
885-51729-10	MW-19	Total/NA	Water	8260B	
885-51729-11	MW-22	Total/NA	Water	8260B	
885-51729-12	MW-23	Total/NA	Water	8260B	
885-51729-13	MW-26	Total/NA	Water	8260B	
MB 885-50693/4	Method Blank	Total/NA	Water	8260B	
LCS 885-50693/3	Lab Control Sample	Total/NA	Water	8260B	
885-51729-1 MS	MW-04	Total/NA	Water	8260B	
885-51729-1 MSD	MW-04	Total/NA	Water	8260B	

Analysis Batch: 50758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-51729-2	MW-09	Total/NA	Water	8260B	
885-51729-3	MW-14	Total/NA	Water	8260B	
MB 885-50758/5	Method Blank	Total/NA	Water	8260B	
LCS 885-50758/4	Lab Control Sample	Total/NA	Water	8260B	

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-04
Date Collected: 06/17/26 11:25
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	50693	ES	EET ALB	06/20/26 00:41

Client Sample ID: MW-09
Date Collected: 06/15/26 11:15
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		5	50693	ES	EET ALB	06/20/26 02:05
Total/NA	Analysis	8260B		50	50758	CM	EET ALB	06/22/26 17:00

Client Sample ID: MW-14
Date Collected: 06/16/26 10:00
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		5	50758	CM	EET ALB	06/22/26 17:27

Client Sample ID: MW-8
Date Collected: 06/16/26 15:00
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	50693	ES	EET ALB	06/20/26 03:02

Client Sample ID: MW-11
Date Collected: 06/16/26 11:40
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	50693	ES	EET ALB	06/20/26 03:30

Client Sample ID: MW-12
Date Collected: 06/15/26 14:00
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	50693	ES	EET ALB	06/20/26 03:58

Client Sample ID: MW-16
Date Collected: 06/16/26 12:45
Date Received: 06/18/26 07:45

Lab Sample ID: 885-51729-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	50693	ES	EET ALB	06/20/26 04:26

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

Client Sample ID: MW-17**Lab Sample ID: 885-51729-8****Date Collected: 06/16/26 12:00****Matrix: Water****Date Received: 06/18/26 07:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	50693	ES	EET ALB	06/20/26 04:54

Client Sample ID: MW-18**Lab Sample ID: 885-51729-9****Date Collected: 06/16/26 13:30****Matrix: Water****Date Received: 06/18/26 07:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	50693	ES	EET ALB	06/20/26 05:22

Client Sample ID: MW-19**Lab Sample ID: 885-51729-10****Date Collected: 06/17/26 09:30****Matrix: Water****Date Received: 06/18/26 07:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		200	50693	ES	EET ALB	06/20/26 05:51

Client Sample ID: MW-22**Lab Sample ID: 885-51729-11****Date Collected: 06/16/26 12:35****Matrix: Water****Date Received: 06/18/26 07:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	50693	ES	EET ALB	06/20/26 06:19

Client Sample ID: MW-23**Lab Sample ID: 885-51729-12****Date Collected: 06/16/26 16:55****Matrix: Water****Date Received: 06/18/26 07:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	50693	ES	EET ALB	06/20/26 06:47

Client Sample ID: MW-26**Lab Sample ID: 885-51729-13****Date Collected: 06/16/26 15:10****Matrix: Water****Date Received: 06/18/26 07:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	50693	ES	EET ALB	06/20/26 07:15

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Standard #1

Job ID: 885-51729-1

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	02-25-27
The following analytes are included in this report, but the laboratory is not certified by New Mexico State NM9425. This list may include analytes for which the agency does not offer certification :			
Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	Benzene
8260B		Water	Ethylbenzene
8260B		Water	Toluene
8260B		Water	Xylenes, Total
Oregon	NELAP	NM100001	02-25-27

Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-51729-1

Login Number: 51729

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	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

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<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 604987

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 604987
	Action Type: [REPORT] Alternative Remediation Report (C-141AR)

CONDITIONS

Created By	Condition	Condition Date
nvez	1. Continue O&M & sampling as stated in Discussions and Recommendations in report. 2. Submit next quarterly report by October 15, 2026.	7/21/2026