



January 15, 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: 2025 Fourth Quarter – Remediation System Operation and Monitoring Report
Hare 15
San Juan County, New Mexico
Hilcorp Energy Company
NMOCD Incident No: NRM2020945060**

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *2025 Fourth Quarter - Remediation System Operation and Monitoring Report* summarizing remediation system performance during the fourth quarter of 2025 at the Hare 15 natural gas production well (Site, Figure 1) on land managed by the Bureau of Land Management (BLM). The Site is located in Unit M, Section 3, Township 29 North, Range 10 West in San Juan County, New Mexico (Figure 1). The duration of operation and monitoring activities included in this report is for the period from September 29 through December 30, 2025.

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 *Dual-Phase Extraction (DPE) Pilot Test Report and Final Remediation Work Plan* prepared by Ensolum and submitted to the NMOCD in April 2023. Per the conditions of approval (COAs) issued by the NMOCD on May 19, 2023, this report includes the following information:

- A summary of remediation activities during the quarter;
- The system run time summary;
- 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;
- The petroleum mass removal and fluid product recovery from the remediation system.

As approved in the *Dual-Phase Extraction (DPE) Pilot Test Report and Final Remediation Work Plan*, groundwater sampling is being conducted semi-annually beginning in 2024. This quarterly remediation summary report also includes data and summaries from semi-annual groundwater sampling events conducted at the Site during every other reporting period.

REMEDIATION SYSTEM DESCRIPTION

The remediation system at the Site includes a DPE system, which uses a rotary lobe positive displacement blower to apply vacuum to 10 remediation wells (MW01, MW06, MW08, MW09, MW10, MW11, MW13, MW14, MW15, and MW16) connected to the blower via subsurface piping. The extracted air, petroleum vapors, and fluids enter a vapor/liquid separator or “knockout” 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 non-aqueous phase liquid (LNAPL) and potentially dissolved phase impacted groundwater, is pumped to an open-top below grade tank for storage and off-site disposal. The system layout is depicted on Figure 2.

FOURTH QUARTER 2025 OPERATION AND MAINTENANCE

Field data measurements were collected from the system at least monthly throughout the fourth quarter of 2025. Regular operations and maintenance (O&M) activities have been performed throughout the fourth quarter of 2025. Field forms completed during O&M visits are presented in Appendix A.

Since startup on August 13, 2024, all Site DPE wells are in operation in order to recover LNAPL, draw down the groundwater table, and induce air flow in impacted soil zones. Between September 29 and December 30, 2025, the DPE system operated for 2,071 hours for a runtime efficiency of 94 percent (%). Appendix B presents photographs of the runtime meter for calculating the fourth quarter 2025 runtime efficiency. Table 1 presents the SVE system operational hours and calculated percent runtime. Field measurements collected during O&M events are summarized in Table 2.

Vapor Recovery

Per the May 2023 COAs, influent vapor samples are being collected from the DPE system quarterly following the first year of operation. The quarterly influent vapor sample was collected on November 15, 2025, using a high vacuum air sampling pump on the system inlet, after the manifold assembly, but prior to the liquid knockout tank. 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) Method 8260B, total petroleum hydrocarbons (TPH) following EPA Method 8015D, and fixed gas analysis of oxygen and carbon dioxide following Gas Processors Association (GPA) Method 2261. A summary of laboratory analytical results are summarized in Table 3, with complete laboratory analytical report attached as Appendix C. Graphs 1 and 2 also present oxygen and carbon dioxide levels over time, respectively. Per the May 2023 COAs, influent vapor samples will continue to be collected on a quarterly basis for the remainder of system operation.

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, 5,995 pounds (3 tons) of vapor phase TPH have been removed by the system to date.

Liquid Recovery

Total liquid recovery volumes are measured using a totalizing flow metering device. During the third quarter of 2025, it was determined that the totalizer was no longer functioning and was in need of replacement. The totalizer was replaced on August 22, 2025 and from the date of replacement through December 30, 2025, approximately 30,307 gallons of liquid have been recovered. The impacted groundwater and recovered LNAPL are emulsified and homogeneously commingled enough during extraction that product thickness is unmeasurable in the liquid recovery tank. Therefore, the estimated volume of LNAPL recovered is not measurable and not reported. Liquid recovery is summarized in Table 5.

GROUNDWATER MONITORING

Since September 2020, groundwater gauging and sampling activities have been conducted at the Site. This report summarizes the fourth quarter of 2025 semi-annual groundwater sampling activities and data collected during the monitoring event.

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. Depth to LNAPL was also recorded when present and a correction factor of 0.8 was applied to the calculated groundwater elevation to account for the depression of the water column caused by the presence of overlying LNAPL. 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 LNAPL, and calculated groundwater elevations are summarized in Table 6. During the fourth quarter of 2025, measurable LNAPL was detected by the oil/water interface probe at one monitoring well location (MW30). Trace LNAPL was detected during purging in seven monitoring wells (MW03, MW04A, MW07, MW10, MW13, MW15, and MW16). Potentiometric surface maps were drafted with groundwater elevations and LNAPL thickness measured during the fourth quarter 2025 quarterly monitoring event (Figure 3).

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 measurable LNAPL or visible LNAPL in the sample container following 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, Hilcorp purged a minimum of three casing volumes or until the well was bailed dry to promote water from the adjacent formation, representative of actual aquifer conditions, was sampled instead of stagnant water. 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 Hall Environmental Analysis Laboratory (Hall) and/or Eurofins (formerly Hall) for analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX) via EPA Method 8260B.

A summary of groundwater analytical results is presented in Table 7. During the fourth quarter of 2025, benzene concentrations exceeded the New Mexico Water Quality Conservation Commission (NMWQCC) standards at five locations (MW10, MW15, MW16, MW20 and MW26), all of which exceeded the NMWQCC standard for benzene or contained free product and were not sampled in the second quarter of 2025. The groundwater analytical results from the fourth quarter of 2025 are depicted on Figure 4, with complete laboratory analytical reports attached as Appendix D.

LNAPL Recovery

Beginning in September of 2020, LNAPL was manually recovered from monitoring wells using a disposable bailer through the second quarter of 2024. During each LNAPL recovery event, the thickness of product within the well and total volume removed was recorded. Table 8 presents

the total volume recovered from each well at the Site during these recovery events. Through the second quarter of 2024, approximately 7.62 gallons of LNAPL were recovered manually from the Site. Manual LNAPL recovery no longer occurs at the Site while the DPE system is operational as LNAPL is being recovered from the extraction wells continuously during system operation.

Since DPE system startup on August 13, 2024, a decrease in LNAPL thickness has been observed at all monitoring wells that have historically contained measurable LNAPL, with the exception of monitoring well MW30, which contained measurable LNAPL for the first time since installation. Point of compliance continues to be maintained upgradient by monitoring well MW38.

DISCUSSIONS AND RECOMMENDATIONS

Based on the periodic downtime documented during previous reporting periods and the diminished recovery associated with fouling of the system piping and instrumentation, Hilcorp implemented a chemical injection pilot test in the fourth quarter of 2025. A metering chemical injection pump was installed and an antiscalant is now being injected into the system piping where the individual extraction well legs manifold together. Following a three-month long pilot test, Hilcorp will evaluate whether antiscalant injection has aided in system uptime and performance.

Bi-weekly (every other week) O&M visits and quarterly vapor sampling events will be performed by Ensolum and/or Hilcorp personnel to ensure 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. Semi-annual groundwater sampling events will continue to be conducted in the second and fourth quarters of the year.

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:

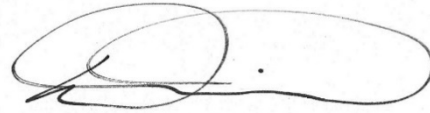
- A summary of remediation and monitoring activities during the period;
- System run-time summary;
- Petroleum hydrocarbon mass removal and fluid recovery from the remediation system;
- DPE volume liquid removal; and
- Groundwater monitoring results, when applicable.

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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Attachments:

- Figure 1 Site Location Map
- Figure 2 Dual Phase Extraction System Layout

- Table 1 Dual Phase Extraction System Runtime Calculations
- Table 2 Dual Phase Extraction System Field Measurements
- Table 3 Dual Phase Extraction System Emissions Analytical Results
- Table 4 Dual Phase Extraction System Mass Removal and Emissions
- Table 5 Liquid Recovery

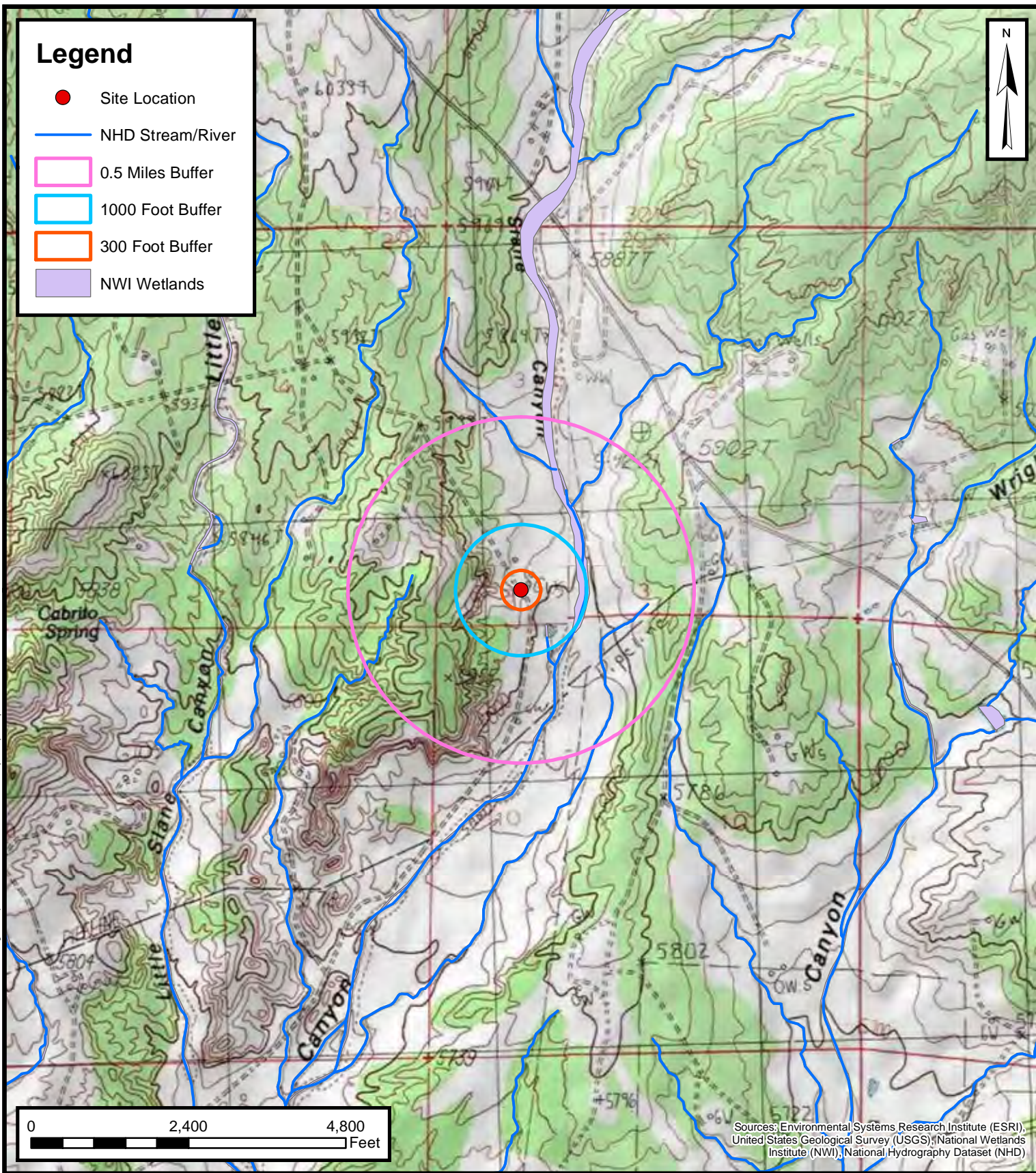
- Graph 1 O₂ vs. Time
- Graph 2 CO₂ vs. Time

- Appendix A O&M Field Notes
- Appendix B Project Photographs
- Appendix C DPE Laboratory Analytical Report
- Appendix D Groundwater Laboratory Analytical Report



Figures





Document Path: C:\Users\lustin.Vadea\GIS\Hilcorp\07A1988006 - Hare 15\1 - MXD\Site Receptor Map - Template.mxd

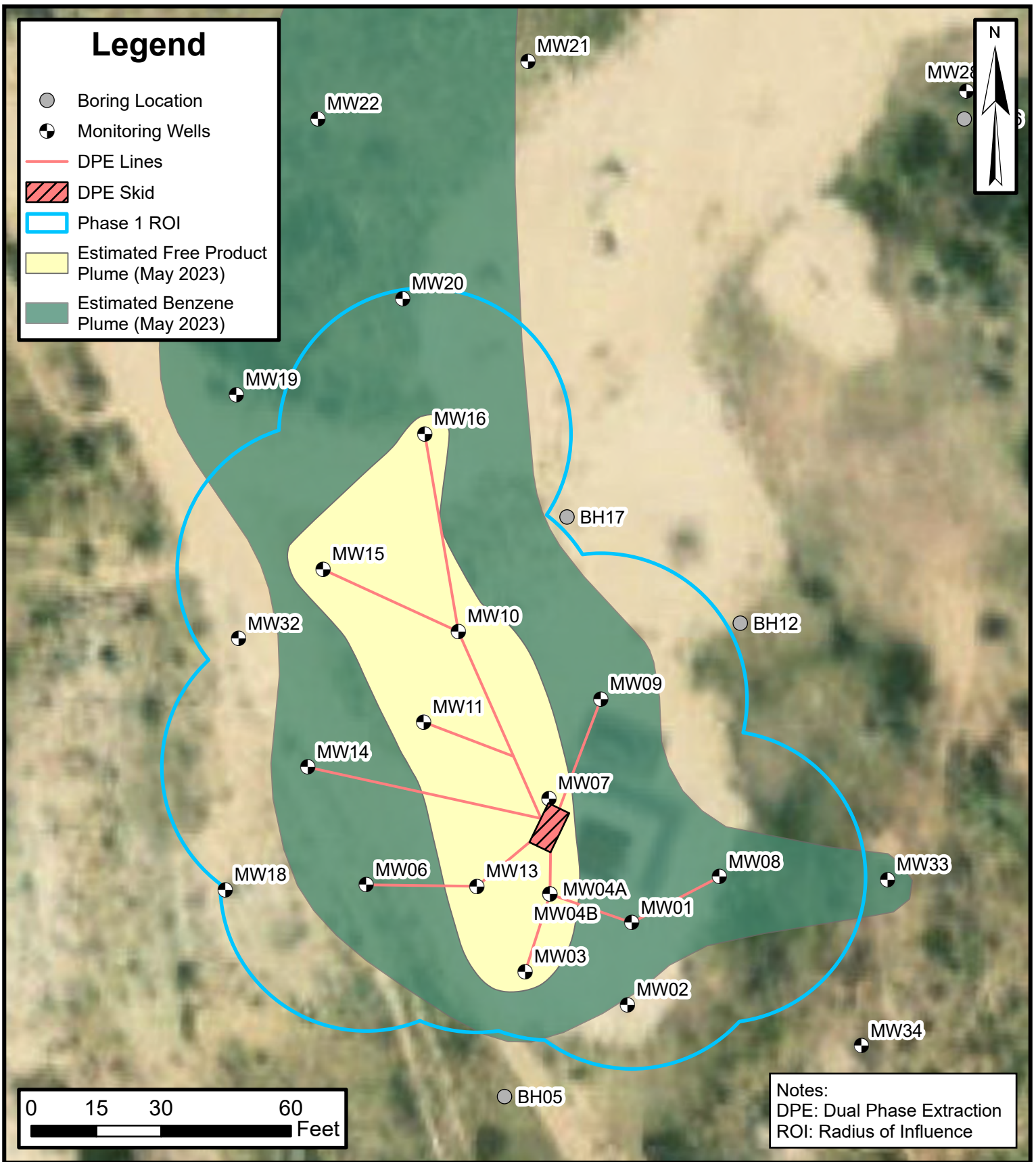


Site Receptor Map

Hare 15
 Hilcorp Energy Company
 36.749188, -107.877461
 San Juan County, NM

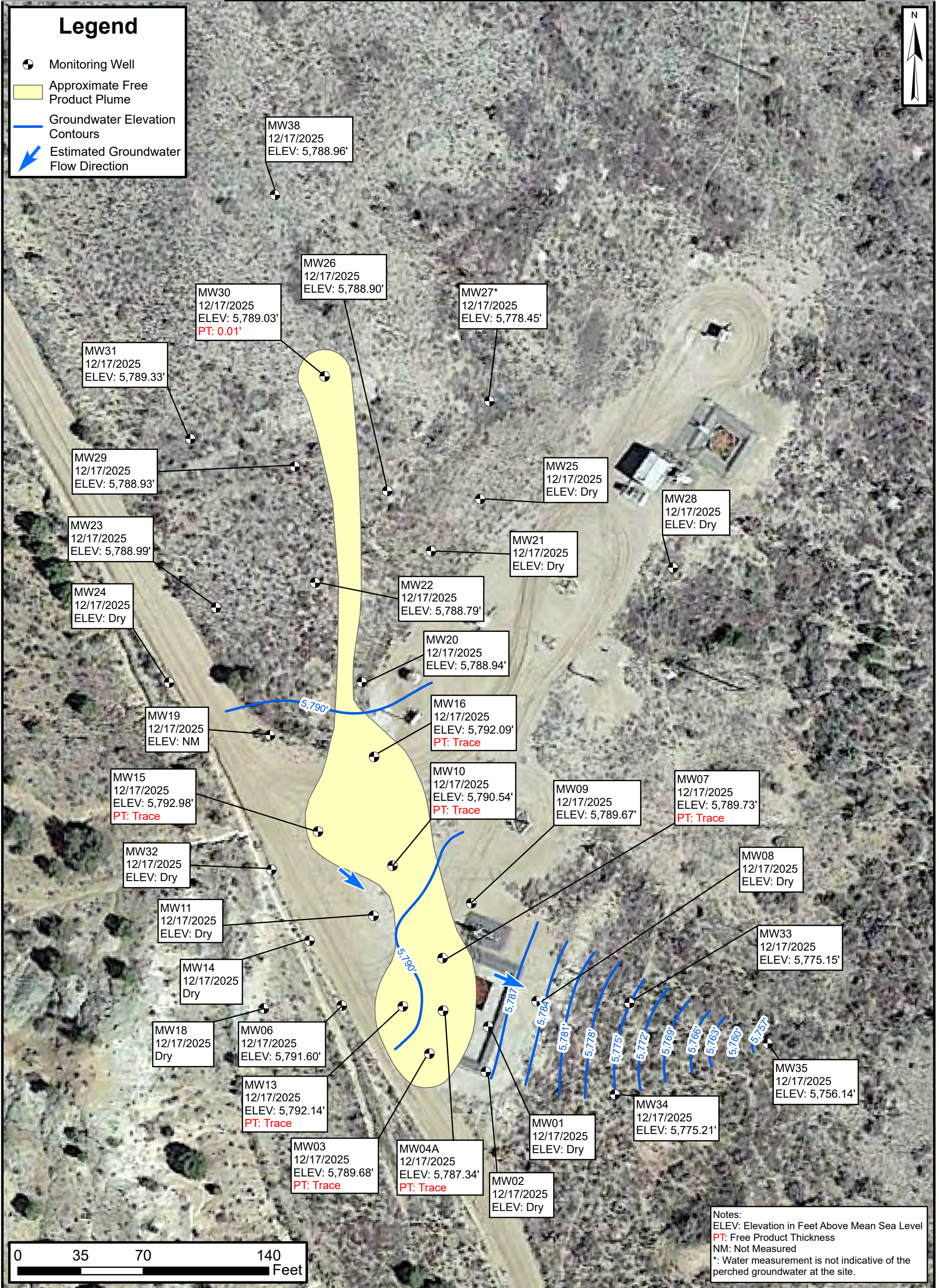
PROJECT NUMBER: 07A1988006

FIGURE
1



Dual Phase Extraction System
 Hare 15
 Hilcorp Energy Company
 SW/SW, Sec 3, T29N, R10W
 36.749188, -107.877461
 San Juan County, New Mexico

FIGURE
2

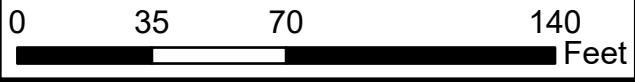
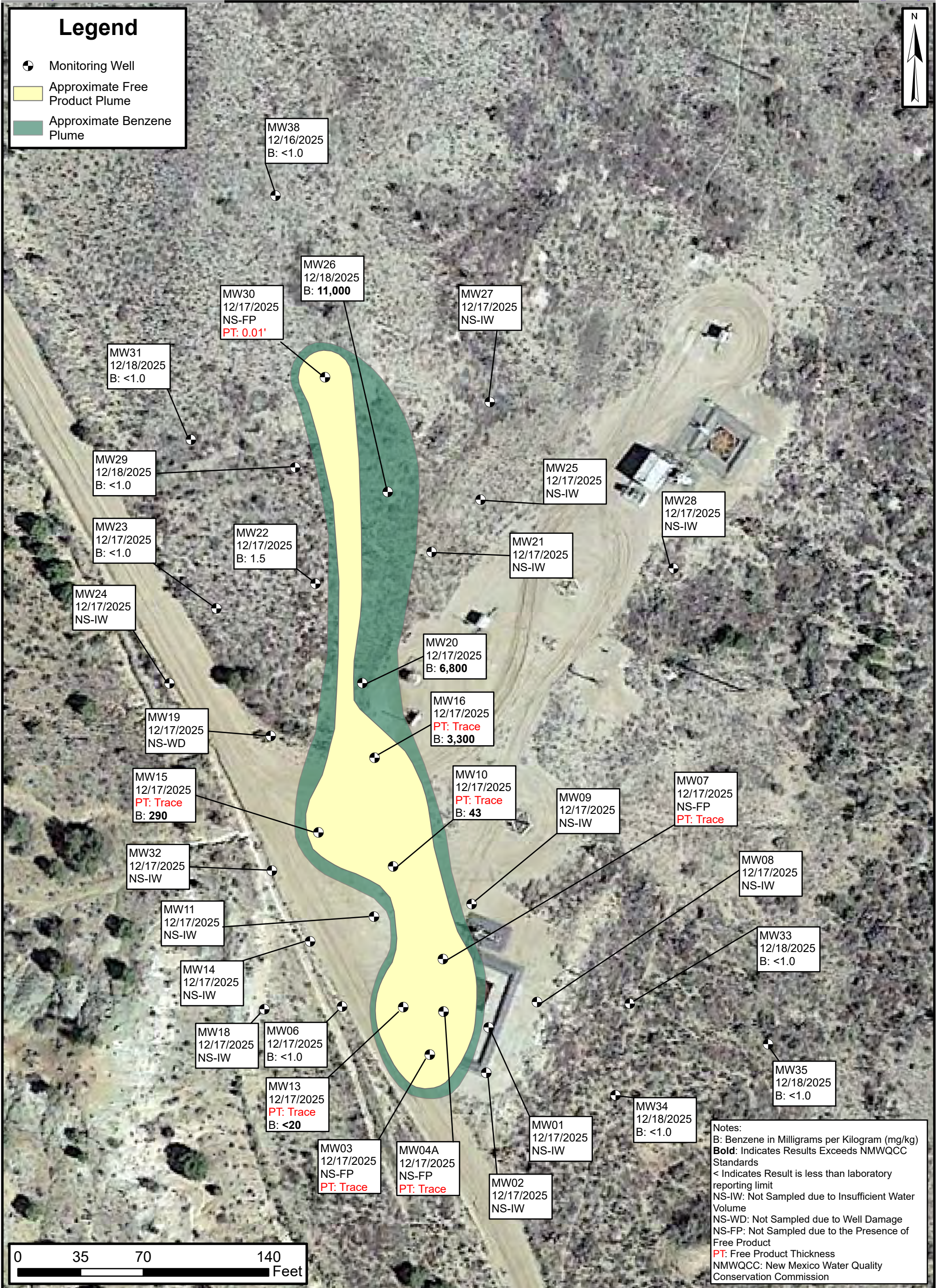


Groundwater Elevation Contours December 2025

Hare 15
Hilcorp Energy Company
SW/SW, Sec 3, T29N, R10W
36.749188, -107.877461
San Juan County, New Mexico

FIGURE
3





Groundwater Analytical Results
December 2025

Hare 15
 Hilcorp Energy Company
 SW/SW, Sec 3, T29N, R10W
 36.749188, -107.877461
 San Juan County, New Mexico

FIGURE
4



Tables & Graphs





TABLE 1 DUAL PHASE EXTRACTION SYSTEM RUNTIME Hare 15 Hilcorp Energy Company San Juan County, New Mexico			
Date of Reading	System Hour Runtime	Run Time (%)	Cumulative Run Time (%)
8/13/2024	4	START UP	
9/29/2025	8,858	89%	90%
10/8/2025	9,061	90%	90%
10/31/2025	9,601	97%	90%
11/15/2025	9,953	98%	90%
11/28/2025	10,258	98%	91%
12/2/2025	10,350	97%	91%
12/15/2025	10,635	91%	91%
12/30/2025	10,928	82%	90%
4th Qrt 2025 Runtime%			94%

Notes:

%: percent

Dashed line indicates quarter change

--: not applicable/not collected

NR: Not Recorded



**TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS**

Hare 15
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	8/13/2024	1,572	0.40	221	127	8.0	3.93	12.7	>5.0	
	8/14/2024	1,915	0.40	221	127	8.0	3.93	16.5	3.52	
	8/15/2024	1,372	0.55	259	142	9.0	4.42	20.4	0.96	
	8/16/2024	1,277	0.50	247	139	8.5	4.17	20.4	0.94	
	8/21/2024	1,838	0.50	247	120	11.5	5.65	20.1	0.94	
	8/28/2024	2,020	0.55	259	136	10.0	4.91	20.9	0.00	
	9/4/2024	495	--	300	157	10.0	4.91	20.4	0.34	
	9/11/2024	691	--	300	157	10.0	4.91	20.9	0.34	
	9/19/2024	1,004	--	300	149	11.0	5.40	20.2	0.26	
	9/25/2024	421	--	300	149	11.0	5.40	18.8	0.26	
	10/1/2024	435	--	300	169	8.5	4.17	--	--	
	10/16/2024	389	--	325	204	6.0	2.95	19.8	0.22	
	10/23/2024	--	--	--	--	--	--	--	--	--
	11/6/2024	129	--	250	144	8.0	3.93	20.9	0.08	
	11/14/2024	--	--	360	202	8.5	4.17	--	--	--
	11/27/2024	378	--	280	139	11.0	5.40	19.9	--	--
	12/5/2024	276	--	280	143	10.5	5.16	20.9	0.03	--
	12/11/2024	184	--	300	153	10.5	5.16	--	--	--
	12/18/2024	169	--	220	112	10.5	5.16	20.8	0.14	--
	12/30/2024	281	--	275	129	12.0	5.89	20.9	0.19	--
	1/8/2025	189	0.40	221	113	10.5	5.16	--	--	--
	1/25/2025	258	0.35	207	112	9.3	4.54	20.9	0.07	--
	2/6/2025	67	0.35	207	114	9.0	4.42	20.9	0.05	--
	2/21/2025	187	0.33	199	107	9.5	4.67	--	--	--
	3/11/2025	125	0.53	253	146	8.0	3.93	--	--	--
	3/31/2025	System Off - Blower Broken								
	4/11/2025	292	0.35	207	105	10.5	5.16	--	--	--
	4/29/2025	658	--	--	--	--	--	--	--	--
	5/9/2025	--	--	--	--	10.5	5.16	--	--	--
	5/21/2025	37	0.25	175	91	10.0	4.91	20.9	0.01	--
	6/10/2025	48	0.30	192	85	13.0	6.39	20.9	0.14	--
	6/26/2025	77	0.25	175	82	12.0	5.89	20.9	0.09	--
	7/17/2025	76	0.20	156	73	12.3	6.02	20.9	0.12	--
	8/22/2025	22	0.20	156	63	14.5	7.12	20.9	0.11	--
	8/27/2025	20	0.15	135	53	15.0	7.37	20.9	0.08	--
	9/3/2025	23	0.15	135	53	15.0	7.37	20.8	0.08	--
	9/29/2025	23	0.10	111	45	14.5	7.12	20.7	0.13	--
	10/8/2025	21	0.10	111	44	14.8	7.24	20.7	0.08	--
	10/31/2025	21	0.18	146	69	12.0	5.89	20.9	0.07	--
	11/15/2025	95	0.20	156	70	12.8	6.26	--	--	--
11/28/2025	27	0.15	135	61	12.8	6.26	20.9	0.10	--	
12/2/2025	28	--	--	--	--	--	--	--	--	
12/15/2025	37	0.28	183	86	12.0	5.89	20.9	0.08	--	
12/30/2025	30	0.25	175	83	11.8	5.77	20.9	0.07	--	
MW01	8/13/2024	736	--	62	38	6.5	3.19	14.6	>5.00	
	8/14/2024	1,515	--	60	39	5.0	2.46	18.5	1.78	
	8/15/2024	2,298	--	68	44	5.0	2.46	20.4	0.64	
	8/16/2024	1,454	--	64	42	5.0	2.46	20.4	0.60	
	8/21/2024	1,270	--	76	42	9.0	4.42	20.6	0.36	
	8/28/2024	2,601	--	70	43	6.5	3.19	20.1	0.72	
	9/4/2024	344	--	45	29	5.0	2.46	20.4	0.20	
	9/11/2024	211	--	45	30	4.5	2.21	20.8	0.24	
	9/19/2024	201	--	28	18	6.0	2.95	20.2	0.22	
	9/25/2024	92	--	50	31	6.0	2.95	19.0	0.18	
	10/1/2024	326	--	66	41	6.0	2.95	--	--	--
	10/16/2024	41	--	54	35	5.0	2.46	19.9	0.16	--
	10/23/2024	66	--	--	--	7.0	3.44	21.4	0.02	--
	11/6/2024	6	--	48	29	6.5	3.19	20.9	0.13	--
	11/14/2024	64	--	70	41	7.5	3.68	20.9	0.08	--
	11/27/2024	6	--	50	30	7.0	3.44	20.9	0.11	--
	12/5/2024	59	--	55	35	6.0	2.95	20.8	0.20	--
	12/11/2024	4	--	75	44	7.5	3.68	20.9	0.04	--
	12/18/2024	31	--	55	30	9.0	4.42	20.9	0.07	--
	12/30/2024	39	--	70	41	7.5	3.68	20.9	0.06	--
	1/8/2025	148	--	46	27	7.3	3.56	20.9	0.05	--
	1/25/2025	153	--	30	18	7.5	3.68	20.9	0.02	--
	2/6/2025	98	--	32	19	7.5	3.68	20.9	0.02	--
	2/21/2025	76	--	40	23	8.0	3.93	--	--	--
	3/11/2025	49	--	36	21	8.0	3.93	--	--	--
	3/31/2025	System Off - Blower Broken								
	4/11/2025	63	--	68	--	9.5	4.67	--	--	--



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS
 Hare 15
 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 (%)	
MW01	4/29/2025	--	--	--	--	--	--	--	--	
	5/9/2025	66	--	24	13	10.0	4.91	--	--	
	5/21/2025	26	--	12	7	7.0	3.44	20.9	0.06	
	6/10/2025	22	--	10	6	7.3	3.56	20.9	0.07	
	6/26/2025	--	--	--	--	--	--	--	--	
	7/17/2025	14	--	--	--	8.0	3.93	20.9	0.08	
	8/22/2025	--	--	--	--	14.5	7.12	--	--	
	8/27/2025	16	--	--	--	9.0	4.42	20.9	0.00	
	9/3/2025	--	--	--	--	15.5	7.61	--	--	
	9/29/2025	10	--	14	5	17.5	8.60	20.9	0.00	
	10/8/2025	--	--	18	6	17.3	8.47	--	--	
	10/31/2025	8	--	--	--	12.5	6.14	20.9	0.00	
	11/15/2025	--	--	--	--	--	--	--	--	
	11/28/2025	32	--	14	6	12.5	6.14	20.9	0.11	
	12/2/2025	1	--	30	16	9.5	4.67	--	--	
12/15/2025	--	--	--	--	--	--	--	--		
12/30/2025	30	--	10	5	12.0	5.89	20.9	0.08		
MW06	8/13/2024	42	--	30	19	6.0	2.95	20.9	0.02	
	8/14/2024	325	--	20	13	5.0	2.46	20.0	1.70	
	8/15/2024	274	--	22	15	4.0	1.96	20.9	0.88	
	8/16/2024	364	--	26	17	5.0	2.46	20.9	0.86	
	8/21/2024	368	--	58	29	11.0	5.40	20.9	0.40	
	8/28/2024	378	--	55	33	7.0	3.44	20.9	0.22	
	9/4/2024	144	--	55	35	6.0	2.95	20.9	0.14	
	9/11/2024	56	--	50	31	6.0	2.95	20.9	0.10	
	9/19/2024	98	--	50	31	6.0	2.95	20.5	0.14	
	9/25/2024	254	--	45	29	5.5	2.70	19.4	0.08	
	10/1/2024	409	--	74	46	6.0	2.95	--	--	
	10/16/2024	14	--	44	29	5.0	2.46	21.1	0.10	
	10/23/2024	26	--	--	--	7.0	3.44	21.4	0.04	
	11/6/2024	58	--	50	30	7.0	3.44	20.9	0.11	
	11/14/2024	--	--	58	34	7.5	3.68	--	--	
	11/27/2024	76	--	60	35	7.5	3.68	20.9	0.19	
	12/5/2024	117	--	50	31	6.0	2.95	20.9	0.11	
	12/18/2024	48	--	55	27	11.5	5.65	20.8	0.10	
	12/11/2024	24	--	60	35	8.0	3.93	20.9	0.10	
	12/30/2024	53	--	50	30	7.0	3.44	20.9	0.11	
	1/8/2025	43	--	54	32	7.0	3.44	20.7	0.02	
	1/25/2025	468	--	54	32	7.0	3.44	20.8	0.02	
	2/6/2025	52	--	54	32	7.0	3.44	20.9	0.03	
	2/21/2025	43	--	54	30	8.8	4.30	--	--	
	3/11/2025	37	--	24	14	7.3	3.56	--	--	
	3/31/2025									System Off - Blower Broken
	4/11/2025	46	--	68			9.5	4.67	--	--
	4/29/2025	--	--	--	--	--	--	--	--	--
	5/9/2025	49	--	58	30	10.0	4.91	--	--	--
	5/21/2025	18	--	42	22	10.0	4.91	20.9	0.05	
	6/10/2025	16	--	42	22	10.0	4.91	20.9	0.10	
	6/26/2025	--	--	--	--	--	--	--	--	--
7/17/2025	--	--	--	--	--	--	--	--	--	
8/22/2025	--	--	--	--	--	2.3	1.11	--	--	
8/27/2025	--	--	8	6	0.0	0.00	--	--	--	
9/3/2025	--	--	8	3	14.0	6.88	--	--	--	
9/29/2025	--	--	17	--	--	--	--	--	--	
10/8/2025	--	--	14	--	--	--	--	--	--	
10/31/2025	--	--	10	7	2.5	1.23	--	--	--	
11/15/2025	--	--	--	--	--	--	--	--	--	
11/28/2025	--	--	--	--	2.5	--	--	--	--	
12/2/2025	1	--	30	16	9.5	4.67	--	--	--	
12/15/2025	--	--	--	--	--	--	--	--	--	
12/30/2025	--	--	4	2	11.8	5.77	--	--	--	
MW08	8/13/2024	16	--	28	18	6.0	2.95	17.9	4.58	
	8/14/2024	403	--	30	20	5.0	2.46	19.7	1.62	
	8/15/2024	346	--	32	21	5.0	2.46	20.9	0.74	
	8/16/2024	436	--	38	25	5.0	2.46	20.9	0.48	
	8/21/2024	110	--	38	21	9.0	4.42	20.9	0.42	
	8/28/2024	37	--	30	18	7.5	3.68	20.9	0.24	
	9/4/2024	35	--	30	18	7.5	3.68	20.4	0.14	
	9/11/2024	69	--	30	18	7.5	3.68	20.9	0.12	
	9/19/2024	57	--	25	15	7.5	3.68	20.5	0.16	
	9/25/2024	28	--	40	25	6.0	2.95	19.5	0.10	



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS
 Hare 15
 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 (%)	
MW08	10/1/2024	79	--	14	9	5.0	2.46	--	--	
	10/16/2024	7	--	14	9	6.0	2.95	20.0	0.18	
	10/23/2024	6	--	--	--	6.5	3.19	21.4	0.08	
	11/6/2024	5	--	25	15	7.0	3.44	20.2	0.90	
	11/14/2024	3	--	22	13	7.5	3.68	20.9	0.12	
	11/27/2024	8	--	25	15	7.5	3.68	20.9	0.70	
	12/5/2024	52	--	25	14	8.0	3.93	20.8	0.35	
	12/11/2024	27	--	20	16	0.0	0.00	20.9	0.03	
	12/18/2024	45	--	30	17	8.5	4.17	20.9	0.05	
	12/30/2024	73	--	--	--	7.5	3.68	20.8	0.06	
	1/8/2025	66	--	16	9	7.5	3.68	20.9	0.00	
	1/25/2025	70	--	16	9	7.5	3.68	20.9	0.00	
	2/6/2025	63	--	14	8	8.0	3.93	20.9	0.00	
	2/21/2025	58	--	20	12	8.0	3.93	--	--	
	3/11/2025	--	--	10	8	0.0	0.00	--	--	
	3/31/2025	System Off - Blower Broken								
	4/11/2025	44	--	--	32	--	8.5	--	--	--
	4/29/2025	--	--	--	--	--	--	--	--	--
	5/9/2025	41	--	--	18	10	9.5	4.67	--	--
	5/21/2025	16	--	--	10	7	4.5	2.21	20.9	0.01
	6/10/2025	10	--	--	10	5	9.0	4.42	20.9	0.15
	6/26/2025	--	--	--	--	--	--	--	--	--
	7/17/2025	10	--	--	--	--	9.3	4.54	20.9	0.15
	8/22/2025	--	--	--	72	30	14.0	6.88	--	--
	8/27/2025	13	--	--	70	32	12.5	6.14	20.9	0.11
	9/3/2025	--	--	--	60	27	13.0	6.39	--	--
	9/29/2025	9	--	--	58	26	13.0	6.39	20.9	0.07
	10/8/2025	--	--	--	60	26	13.3	6.51	--	--
	10/31/2025	6	--	--	32	16	11.3	5.53	20.9	0.04
	11/15/2025	--	--	--	--	--	--	--	--	--
	11/28/2025	29	--	--	60	29	11.5	5.65	20.9	0.10
	12/2/2025	1	--	--	45	25	9.0	4.42	--	--
	12/15/2025	--	--	--	--	--	--	--	--	--
12/30/2025	33	--	--	34	17	11.0	5.40	20.9	0.14	
MW09	8/13/2024	59	--	32	21	5.5	2.70	16.5	>5.00	
	8/14/2024	373	--	34	23	4.5	2.21	19.4	3.06	
	8/15/2024	283	--	74	50	4.0	1.96	20.4	1.58	
	8/16/2024	619	--	50	34	4.0	1.96	20.6	1.16	
	8/21/2024	162	--	58	33	8.0	3.93	20.9	0.48	
	8/28/2024	85	--	50	31	6.0	2.95	20.9	0.40	
	9/4/2024	87	--	60	38	5.5	2.70	20.4	0.24	
	9/11/2024	50	--	40	25	6.0	2.95	20.9	0.24	
	9/19/2024	53	--	60	38	6.0	2.95	20.2	0.26	
	9/25/2024	52	--	60	40	4.5	2.21	19.3	0.18	
	10/1/2024	57	--	100	65	5.0	2.46	--	--	
	10/16/2024	15	--	30	20	5.0	2.46	20.0	0.24	
	10/23/2024	24	--	--	--	6.0	2.95	21.9	0.08	
	11/6/2024	6	--	--	60	37	6.5	3.19	20.9	0.16
	11/14/2024	11	--	--	100	59	7.5	3.68	20.9	0.20
	11/27/2024	12	--	--	75	46	6.5	3.19	20.9	0.13
	12/5/2024	90	--	--	60	35	8.0	3.93	20.9	0.27
	12/11/2024	124	--	--	75	44	7.5	3.68	20.9	0.04
	12/18/2024	115	--	--	75	42	8.5	4.17	20.9	0.15
	12/30/2024	289	--	--	80	47	7.5	3.68	20.9	0.19
	1/8/2025	62	--	--	50	31	6.0	2.95	19.2	0.06
	1/25/2025	76	--	--	10	6	7.0	3.44	20.9	0.06
	2/6/2025	--	--	--	0	0	0.0	0.00	--	--
	2/21/2025	--	--	--	0	0	0.0	0.00	--	--
	3/11/2025	42	--	--	10	6	7.0	3.44	--	--
	3/31/2025	System Off - Blower Broken								
	4/11/2025	39	--	--	96	49	10.5	5.16	--	--
	4/29/2025	--	--	--	--	--	--	--	--	--
	5/9/2025	34	--	--	80	42	10.0	4.91	--	--
	5/21/2025	16	--	--	50	27	9.5	4.67	20.9	0.07
	6/10/2025	21	--	--	10	5	9.8	4.79	20.9	0.15
	6/26/2025	--	--	--	--	--	--	--	--	--
	7/17/2025	8	--	--	26	13	10.5	5.16	20.9	0.09
8/22/2025	--	--	--	10	4	14.3	7.00	--	--	
8/27/2025	19	--	--	5	3	5.5	2.70	20.9	0.00	
9/3/2025	--	--	--	5	2	12.5	6.14	--	--	
9/29/2025	8	--	--	28	9	17.5	8.60	20.9	0.02	



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS
 Hare 15
 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 (%)	
MW09	10/8/2025	--	--	24	8	17.5	8.60	--	--	
	10/31/2025	9	--	10	5	12.8	6.26	20.9	0.05	
	11/15/2025	--	--	--	--	--	--	--	--	
	11/28/2025	--	--	12	5	13.0	6.39	--	--	
	12/2/2025	1	--	60	31	10.0	4.91	--	--	
	12/15/2025	--	--	--	--	--	--	--	--	
	12/30/2025	--	--	10	5	12.5	6.14	--	--	
MW10	8/13/2024	1,334	--	56	36	5.5	2.70	17.7	3.38	
	8/14/2024	1,803	--	44	29	4.5	2.21	12.0	3.46	
	8/15/2024	2,053	--	62	42	4.0	1.96	16.4	1.78	
	8/16/2024	1,978	--	58	38	5.0	2.46	18.0	1.66	
	8/21/2024	2,851	--	70	38	9.0	4.42	18.9	1.50	
	8/28/2024	1,302	--	65	43	4.5	2.21	20.9	0.32	
	9/4/2024	1,112	--	70	46	5.0	2.46	20.8	0.38	
	9/11/2024	704	--	70	45	5.5	2.70	20.8	0.40	
	9/19/2024	1,201	--	70	44	6.0	2.95	19.9	0.38	
	9/25/2024	556	--	65	42	5.0	2.46	17.0	0.64	
	10/1/2024	834	--	60	38	5.5	2.70	--	--	
	10/16/2024	410	--	60	39	5.0	2.46	19.8	0.36	
	10/23/2024	307	--	--	--	5.0	2.46	20.9	0.16	
	11/6/2024	288	--	75	48	5.5	2.70	20.9	0.22	
	11/14/2024	--	--	74	45	6.5	3.19	--	--	
	11/27/2024	335	--	65	42	5.0	2.46	20.8	0.21	
	12/5/2024	506	--	70	49	3.5	1.72	--	0.39	
	12/11/2024	484	--	80	53	4.5	2.21	220.9	0.59	
	12/18/2024	409	--	75	50	4.5	2.21	20.1	0.45	
	12/30/2024	279	--	65	44	4.0	1.96	20.1	0.44	
	1/8/2025	611	--	60	43	2.5	1.23	20.3	0.21	
	1/25/2025	478	--	62	44	3.0	1.47	20.7	0.15	
	2/6/2025	457	--	64	46	2.8	1.35	20.9	0.10	
	2/21/2025	372	--	64	46	2.5	1.23	--	--	
	3/11/2025	326	--	56	40	2.5	1.23	--	--	
	3/31/2025	System Off - Blower Broken								
	4/11/2025	234	--	76	42	9.0	4.42	--	--	
	4/29/2025	--	--	--	--	--	--	--	--	
	5/9/2025	252	--	80	44	9.0	4.42	--	--	
	5/21/2025	128	--	74	47	5.8	2.82	20.9	0.16	
	6/10/2025	164	--	74	46	6.0	2.95	20.9	0.11	
	6/26/2025	--	--	--	--	--	--	--	--	
	7/17/2025	--	--	80	47	7.5	3.68	--	--	
8/22/2025	--	--	76	32	14.0	6.88	--	--		
8/27/2025	15	--	76	43	8.3	4.05	20.9	0.04		
9/3/2025	--	--	24	11	12.3	6.02	--	--		
9/29/2025	8	--	76	28	16.0	7.86	20.9	0.02		
10/8/2025	--	--	72	25	16.5	8.10	--	--		
10/31/2025	6	--	62	29	12.0	5.89	20.9	0.03		
11/15/2025	--	--	--	--	--	--	--	--		
11/28/2025	--	--	62	29	12.0	5.89	--	--		
12/2/2025	6	--	50	28	8.5	4.17	--	--		
12/15/2025	--	--	--	--	--	--	--	--		
12/30/2025	--	--	66	33	10.8	5.28	--	--		
MW11	8/13/2024	1,751	--	44	26	7.0	3.44	10.3	>5.00	
	8/14/2024	1,940	--	40	26	5.0	2.46	15.1	3.80	
	8/15/2024	1,852	--	74	48	5.0	2.46	18.2	1.64	
	8/16/2024	2,190	--	68	44	5.0	2.46	18.8	1.46	
	8/21/2024	2,381	--	76	36	12.0	5.89	19.3	0.94	
	8/28/2024	2,964	--	80	47	7.5	3.68	20.6	0.50	
	9/4/2024	977	--	55	32	7.5	3.68	20.6	0.31	
	9/11/2024	423	--	80	47	7.5	3.68	20.9	0.26	
	9/19/2024	1,999	--	60	36	7.0	3.44	20.5	0.28	
	9/25/2024	461	--	70	44	6.0	2.95	17.3	0.46	
	10/1/2024	592	--	100	63	6.0	2.95	--	--	
	10/16/2024	229	--	58	37	5.5	2.70	19.8	0.28	
	10/23/2024	179	--	--	--	7.5	3.68	20.9	0.18	
	11/6/2024	170	--	50	30	7.0	3.44	20.9	0.19	
	11/14/2024	--	--	56	32	8.0	3.93	--	--	
	11/27/2024	142	--	60	35	7.5	3.68	20.8	0.19	
	12/5/2024	386	--	80	52	5.0	2.46	20.5	0.32	
	12/11/2024	130	--	80	44	9.0	4.42	20.9	0.41	
12/18/2024	172	--	80	40	11.0	5.40	20.7	0.34		



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS
 Hare 15
 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 (%)	
MW11	12/30/2024	152	--	50	29	8.0	3.93	20.9	0.22	
	1/8/2025	394	--	48	28	7.5	3.68	20.2	0.13	
	1/25/2025	482	--	40	24	7.5	3.68	20.9	0.11	
	2/6/2025	457	--	52	29	8.5	4.17	20.9	0.07	
	2/21/2025	189	--	50	30	7.3	3.56	--	--	
	3/11/2025	104	--	40	25	6.5	3.19	--	--	
	3/31/2025	System Off - Blower Broken								
	4/11/2025	110	--	58	32	9.0	4.42	--	--	
	4/29/2025	--	--	--	--	--	--	--	--	
	5/9/2025	114	--	72	38	10.0	4.91	--	--	
	5/21/2025	76	--	58	30	10.5	5.16	20.9	0.08	
	6/10/2025	68	--	58	30	10.3	5.03	20.9	0.09	
	6/26/2025	--	--	--	--	--	--	--	--	
	7/17/2025	28	--	64	30	12.0	5.89	20.9	0.06	
	8/22/2025	--	--	--	--	14.3	7.00	--	--	
	8/27/2025	31	--	--	--	10.5	5.16	20.9	0.06	
	9/3/2025	--	--	--	--	13.3	6.51	--	--	
	9/29/2025	26	--	25	13	10.5	5.16	20.9	0.08	
	10/8/2025	--	--	76	38	10.8	5.28	--	--	
	10/31/2025	20	--	--	--	10.5	5.16	20.9	0.03	
11/15/2025	--	--	--	--	--	--	--	--		
11/28/2025	--	--	28	13	12.0	5.89	--	--		
12/2/2025	18	--	30	16	9.0	4.42	--	--		
12/15/2025	--	--	--	--	--	--	--	--		
12/30/2025	--	--	32	15	12.5	6.14	--	--		
MW13	8/13/2024	290	--	44	24	9.0	4.42	18.9	2.28	
	8/14/2024	963	--	10	6	6.0	2.95	20.9	0.14	
	8/15/2024	662	--	14	10	4.0	1.96	20.9	0.10	
	8/16/2024	451	--	14	10	4.0	1.96	20.9	0.06	
	8/21/2024	2,845	--	72	38	10.0	4.91	20.6	0.48	
	8/28/2024	993	--	60	35	8.0	3.93	20.9	0.00	
	9/4/2024	122	--	60	39	5.0	2.46	20.9	0.02	
	9/11/2024	63	--	--	--	4.0	1.96	20.9	0.04	
	9/19/2024	113	--	--	--	7.5	3.68	20.5	0.04	
	9/25/2024	464	--	--	--	7.5	3.68	17.4	0.26	
	10/1/2024	552	--	52	30	8.0	3.93	--	--	
	10/16/2024	9	--	58	37	5.5	2.70	20.0	0.02	
	10/23/2024	153	--	--	--	9.0	4.42	21.4	0.06	
	11/6/2024	80	--	60	33	9.0	4.42	20.8	0.11	
	11/14/2024	--	--	90	--	10.0	4.91	--	--	
	11/27/2024	94	--	80	43	9.5	4.67	20.9	0.17	
	12/5/2024	148	--	60	36	7.0	3.44	20.7	0.17	
	12/11/2024	14	--	65	34	10.0	4.91	20.4	0.13	
	12/18/2024	39	--	60	31	10.5	5.16	20.9	0.13	
	12/30/2024	38	--	60	32	9.5	4.67	20.9	0.19	
	1/8/2025	236	--	52	28	9.5	4.67	20.9	0.04	
	1/25/2025	262	--	62	33	9.5	4.67	20.9	0.05	
	2/6/2025	132	--	42	22	10.0	4.91	20.9	0.04	
	2/21/2025	123	--	50	26	10.0	4.91	--	--	
	3/11/2025	--	--	48	27	8.3	4.05	--	--	
	3/31/2025	System Off - Blower Broken								
	4/11/2025	49	--	72	38	10.0	4.91	--	--	
	4/29/2025	--	--	--	--	--	--	--	--	
	5/9/2025	47	--	60	31	10.0	4.91	--	--	
	5/21/2025	--	--	56	26	12.0	5.89	--	--	
6/10/2025	--	--	48	23	12.0	5.89	--	--		
6/26/2025	--	--	--	--	--	--	--	--		
7/17/2025	11	--	18	12	5.5	2.70	20.9	0.06		
8/22/2025	--	--	--	--	14.3	7.00	--	--		
8/27/2025	13	--	--	--	12.3	6.02	20.9	0.01		
9/3/2025	--	--	--	--	15.0	7.37	--	--		
9/29/2025	7	--	10	3	18.0	8.84	20.9	0.00		
10/8/2025	--	--	10	3	18.0	8.84	--	--		
10/31/2025	7	--	12	5	14.5	7.12	20.6	0.03		
11/15/2025	--	--	--	--	--	--	--	--		
11/28/2025	65	--	10	4	14.5	7.12	20.9	0.01		
12/2/2025	1	--	20	10	11.0	5.40	--	--		
12/15/2025	--	--	--	--	--	--	--	--		
12/30/2025	58	--	14	6	14.0	6.88	20.9	0.01		



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS
 Hare 15
 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 (%)	
MW14	8/13/2024	379	--	42	25	7.0	3.44	14.8	>5.00	
	8/14/2024	1,074	--	32	21	5.0	2.46	18.3	4.18	
	8/15/2024	759	--	50	34	4.0	1.96	19.9	1.94	
	8/16/2024	726	--	52	34	5.0	2.46	19.9	2.02	
	8/21/2024	688	--	58	27	12.0	5.89	20.6	1.26	
	8/28/2024	633	--	50	30	7.0	3.44	20.9	0.65	
	9/4/2024	210	--	45	28	6.5	3.19	20.9	0.40	
	9/11/2024	150	--	45	28	6.5	3.19	20.9	0.32	
	9/19/2024	161	--	60	35	7.5	3.68	20.9	0.05	
	9/25/2024	203	--	60	38	6.0	2.95	19.5	0.20	
	10/1/2024	143	--	60	36	7.0	3.44	--	--	
	10/16/2024	72	--	48	31	5.0	2.46	19.9	0.23	
	10/23/2024	81	--	--	--	6.5	3.19	21.1	0.16	
	11/6/2024	51	--	50	30	7.0	3.44	20.9	0.14	
	11/14/2024	--	--	60	35	7.5	3.68	--	--	
	11/27/2024	78	--	75	44	7.5	3.68	20.9	0.10	
	12/5/2024	108	--	70	46	5.0	2.46	20.9	0.26	
	12/11/2024	21	--	65	37	8.0	3.93	20.9	0.27	
	12/18/2024	64	--	70	40	8.0	3.93	20.9	0.26	
	12/30/2024	64	--	50	30	7.0	3.44	20.9	0.20	
	1/8/2025	233	--	40	24	7.5	3.68	20.9	0.12	
	1/25/2025	262	--	100	59	7.3	3.56	20.9	0.09	
	2/6/2025	144	--	52	30	8.0	3.93	20.8	0.05	
	2/21/2025	84	--	48	27	8.5	4.17	--	--	
	3/11/2025	112	--	36	20	8.5	4.17	--	--	
	3/31/2025	System Off - Blower Broken								
	4/11/2025	73	--	74	35	12.0	5.89	--	--	
	4/29/2025	--	--	--	--	--	--	--	--	
	5/9/2025	68	--	80	39	11.5	5.65	--	--	
	5/21/2025	54	--	56	29	10.0	4.91	20.9	0.09	
	6/10/2025	75	--	50	26	10.0	4.91	20.9	0.12	
	6/26/2025	--	--	--	--	--	--	--	--	
	7/17/2025	24	--	60	42	3.0	1.47	20.9	0.02	
	8/22/2025	--	--	--	--	17.0	8.35	--	--	
8/27/2025	19	--	--	--	3.3	1.60	20.9	0.02		
9/3/2025	--	--	--	--	16.3	8.00	--	--		
9/29/2025	29	--	64	24	15.8	7.74	20.7	0.10		
10/8/2025	--	--	65	24	16.0	7.86	--	--		
10/31/2025	26	--	52	21	14.5	7.12	20.9	0.06		
11/15/2025	--	--	--	--	--	--	--	--		
11/28/2025	74	--	48	19	15.0	7.37	20.9	0.08		
12/2/2025	3	--	60	29	11.5	5.65	--	--		
12/15/2025	--	--	--	--	--	--	--	--		
12/30/2025	78	--	42	17	14.5	7.12	20.9	0.06		
MW15	8/13/2024	379	--	70	42	7.0	3.44	12.0	>5.00	
	8/14/2024	1,932	--	52	33	5.5	2.70	14.6	>5.00	
	8/15/2024	1,677	--	58	36	6.0	2.95	16.9	4.26	
	8/16/2024	1,262	--	44	29	5.0	2.46	17.7	3.82	
	8/21/2024	1,555	--	70	35	11.0	5.40	18.9	2.52	
	8/28/2024	1,865	--	55	33	7.0	3.44	20.9	0.76	
	9/4/2024	975	--	55	33	7.0	3.44	20.7	0.72	
	9/11/2024	555	--	60	35	7.5	3.68	20.8	0.54	
	9/19/2024	602	--	70	41	7.5	3.68	19.9	0.50	
	9/25/2024	393	--	60	38	6.0	2.95	18.2	0.62	
	10/1/2024	386	--	70	43	6.5	3.19	--	--	
	10/16/2024	220	--	62	41	5.0	2.46	19.9	0.39	
	10/23/2024	205	--	--	--	7.0	3.44	20.9	0.22	
	11/6/2024	214	--	70	41	7.5	3.68	20.9	0.25	
	11/14/2024	--	--	72	41	8.0	3.93	--	--	
	11/27/2024	442	--	60	35	7.5	3.68	20.4	0.31	
	12/5/2024	539	--	70	46	5.0	2.46	20.1	0.49	
	12/11/2024	395	--	75	41	9.0	4.42	20.9	0.39	
	12/18/2024	371	--	65	36	9.0	4.42	20.9	0.46	
	12/30/2024	299	--	70	41	7.5	3.68	20.6	0.35	
	1/8/2025	628	--	62	36	7.5	3.68	20.3	0.23	
	1/25/2025	701	--	58	34	7.5	3.68	20.7	0.21	
	2/6/2025	218	--	50	29	7.8	3.81	20.9	0.20	
	2/21/2025	338	--	52	29	9.0	4.42	--	--	
	3/11/2025	305	--	44	26	7.3	3.56	--	--	
	3/31/2025	System Off - Blower Broken								
	4/11/2025	218	--	68	--	10.0	--	--	--	



TABLE 2
DUAL PHASE EXTRACTION SYSTEM FIELD MEASUREMENTS
 Hare 15
 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	4/29/2025	--	--	--	--	--	--	--	--	
	5/9/2025	234	--	64	33	10.5	5.16	--	--	
	5/21/2025	151	--	54	28	10.5	5.16	20.9	0.22	
	6/10/2025	137	--	44	23	10.3	5.03	20.9	0.18	
	6/26/2025	--	--	--	--	--	--	--	--	
	7/17/2025	88	--	56	27	11.5	5.65	20.9	0.14	
	8/22/2025	--	--	--	--	14.5	7.12	--	--	
	8/27/2025	72	--	--	--	12.0	5.89	20.9	0.12	
	9/3/2025	--	--	--	--	13.5	6.63	--	--	
	9/29/2025	81	--	70	29	14.0	6.88	20.3	0.23	
	10/8/2025	--	--	70	29	14.3	7.00	--	--	
	10/31/2025	70	--	44	21	12.0	5.89	20.9	0.18	
	11/15/2025	--	--	--	--	--	--	--	--	
	11/25/2025	297	--	36	16	13.0	6.39	20.9	0.25	
	12/2/2025	7	--	20	11	8.5	4.17	--	--	
12/15/2025	--	--	--	--	--	--	--	--		
12/30/2025	258	--	48	22	12.5	6.14	20.9	0.20		
MW16	8/13/2024	1,796	--	14	8	7.0	3.44	13.5	>5.00	
	8/14/2024	480	--	12	8	5.5	2.70	20.9	0.02	
	8/15/2024	501	--	18	12	5.0	2.46	20.9	0.00	
	8/16/2024	47	--	26	17	5.0	2.46	20.9	0.02	
	8/21/2024	404	--	25	12	11.0	5.40	20.9	0.02	
	8/28/2024	4,787	--	45	27	7.0	3.44	20.9	0.76	
	9/4/2024	1,810	--	30	18	7.0	3.44	20.8	0.51	
	9/11/2024	1,335	--	30	18	7.5	3.68	20.7	0.42	
	9/19/2024	1,421	--	NM	NM	7.0	3.44	20.2	0.32	
	9/25/2024	188	--	30	19	6.0	2.95	19.9	0.04	
	10/1/2024	112	--	58	36	6.0	2.95	--	--	
	10/16/2024	68	--	14	9	5.5	2.70	19.9	0.02	
	10/23/2024	30	--	--	--	6.0	2.95	20.2	0.08	
	11/6/2024	279	--	50	29	7.5	3.68	20.9	0.11	
	11/14/2024	--	--	48	28	8.0	3.93	--	--	
	11/27/2024	422	--	55	32	7.5	3.68	20.5	0.25	
	12/5/2024	751	--	20	12	7.5	3.68	20.9	0.32	
	12/11/2024	217	--	15	11	1.0	0.49	20.9	0.28	
	12/18/2024	273	--	75	41	9.0	4.42	20.9	0.21	
	12/30/2024	241	--	--	--	8.0	3.93	20.9	--	
	1/8/2025	91	--	14	8	7.8	3.81	20.9	0.00	
	1/25/2025	83	--	16	9	7.8	3.81	20.9	0.00	
	2/6/2025	125	--	24	14	8.0	3.93	20.9	0.00	
	2/21/2025	94	--	16	8	9.8	4.79	--	--	
	3/11/2025	150	--	10	6	7.5	3.68	--	--	
	3/31/2025									System Off - Blower Broken
	4/11/2025	110	--	--	58	--	10.0	--	--	--
	4/29/2025	--	--	--	--	--	--	--	--	--
	5/9/2025	9	--	24	13	9.5	4.67	--	--	--
	5/21/2025	--	--	0	0	0.0	0.00	--	--	--
	6/10/2025	--	--	0	0	0.0	0.00	--	--	--
	6/26/2025	--	--	--	--	--	--	--	--	--
	7/17/2025	--	--	--	--	--	--	--	--	--
8/22/2025	--	--	--	--	--	12.0	5.89	--	--	
8/27/2025	--	--	--	--	--	12.0	5.89	--	--	
9/3/2025	--	--	--	--	--	12.0	5.89	--	--	
9/29/2025	--	--	32	11	17.0	8.35	--	--	--	
10/8/2025	--	--	34	12	16.5	8.10	--	--	--	
10/31/2025	--	--	64	29	12.5	6.14	--	--	--	
11/15/2025	--	--	--	--	--	--	--	--	--	
11/28/2025	--	--	54	25	12.5	6.14	--	--	--	
12/2/2025	19	--	60	32	9.5	4.67	--	--	--	
12/15/2025	--	--	--	--	--	--	--	--	--	
12/30/2025	--	--	62	29	12.3	6.02	--	--	--	

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
 Hare 15
 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 (%)
8/13/2024	1,572	310	240	36	530	45,000	12.01	7.68
8/14/2024	1,915	180	250	30	390	28,000	16.73	3.02
8/21/2024	1,838	54	280	37	480	18,000	20.46	0.95
8/28/2024	2,020	20	160	28	380	12,000	21.20	0.64
9/4/2024	495	14	100	14	190	6,600	21.57	0.33
9/19/2024	1,004	69	360	<50	590	3,700	21.78	0.28
10/1/2024	135	6.1	31	<5.0	56	64	21.47	0.40
10/16/2024	389	2.3	10	0.68	11	18	21.65	0.23
11/15/2024	--	1.3	1.9	<0.50	<0.75	440	19.33	0.19
11/27/2024	378	4.4	24	<5.0	78	2,100	22.01	0.16
12/5/2024	276	1.1	1.8	<0.50	0.92	440	21.80	0.16
2/6/2025	67	0.63	6.2	0.59	13	530	21.96	0.18
4/11/2025	292	1.2	3.3	0.67	25	960	21.78	0.38
4/29/2025	658	0.78	4.6	0.75	20	810	21.41	0.22
6/10/2025	48	0.91	10	0.90	14	500	21.97	0.16
8/22/2025	22	<0.10	0.50	<0.10	1.7	57	21.90	0.15
11/15/2025	95	0.76	3.5	<1.0	6.8	890	21.81	<0.01

Notes:

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

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



TABLE 4
DUAL PHASE EXTRACTION SYSTEM MASS REMOVAL AND EMISSIONS
 Hare 15
 Hilcorp Energy Company
 San Juan County, New Mexico

Laboratory Analysis

Date	PID (ppm)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TVPH (µg/L)
8/13/2024	1,572	310	240	36	530	45,000
8/14/2024	1,915	180	250	30	390	28,000
8/21/2024	1,838	54	280	37	480	18,000
8/28/2024	2,020	20	160	28	380	12,000
9/4/2024	495	14	100	14	190	6,600
9/19/2024	1,004	69	360	<5.0	590	3,700
10/1/2024	135	6.1	31	<5.0	56	64
10/16/2024	389	2.3	10	0.68	11	18
11/15/2024	--	1.3	1.9	<0.50	<0.75	440
11/27/2024	378	4.4	24.0	<5.0	78	2,100
12/5/2024	276	1.1	1.8	<0.50	0.92	440
2/6/2025	67	0.6	6.2	<0.59	13.00	530
4/11/2025	292	1.2	3.3	0.67	25	960
4/29/2025	658	0.78	4.6	0.75	20	810
6/10/2025	48	0.91	10	0.90	14	500
8/22/2025	22	<0.10	1	<0.10	2	57
11/15/2025	95	<0.76	4	<0.50	7	890
Average	700	39	87	12	164	7,065

Vapor Extraction Summary

Date	Flow Rate (scfm)	Total System Flow (cf)	Delta Flow (cf)	Benzene (lb/hr)	Toluene (lb/hr)	Ethylbenzene (lb/hr)	Total Xylenes (lb/hr)	TVPH (lb/hr)
8/13/2024	127	0	0	0.1472	0.1140	0.0171	0.2517	21.37
8/14/2024	127	150,114	150,114	0.0855	0.1187	0.0142	0.1852	13.30
8/21/2024	120	1,346,034	1,195,920	0.0242	0.1257	0.0166	0.2154	8.08
8/28/2024	136	2,681,010	1,334,976	0.0102	0.0814	0.0142	0.1933	6.10
9/4/2024	157	4,251,324	1,570,314	0.0082	0.0587	0.0082	0.1116	3.88
9/19/2024	149	7,457,208	3,205,884	0.0385	0.2006	0.0279	0.3288	2.06
10/1/2024	169	9,000,516	1,543,308	0.0039	0.0196	0.0032	0.0354	0.04
10/16/2024	204	13,408,140	4,407,624	0.0018	0.0075	0.0005	0.0084	0.01
11/15/2024 ⁽¹⁾	202	21,629,136	8,220,996	0.0010	0.0014	0.0004	0.0006	0.33
11/27/2024	139	23,828,394	2,199,258	0.0023	0.0125	0.0026	0.0406	1.09
12/5/2024	143	25,460,310	1,631,916	0.0006	0.0010	0.0003	0.0005	0.24
2/6/2025	114	35,297,598	9,837,288	0.0003	0.0026	0.0003	0.0055	0.23
4/11/2025	105	41,310,948	6,013,350	0.0005	0.0013	0.0003	0.0098	0.38
4/29/2025 ⁽²⁾	105	43,815,828	2,504,880	0.0003	0.0018	0.0003	0.0079	0.32
6/10/2025	85	48,686,838	4,871,010	0.0003	0.0032	0.0003	0.0045	0.16
8/22/2025	63	55,284,450	6,597,612	0.0000	0.0001	0.0000	0.0004	0.01
11/15/2025	70	63,427,410	8,142,960	0.0002	0.0009	0.0001	0.0018	0.23
Average				0.0191	0.044	0.0063	0.082	3.40

Mass Recovery

Date	Total SVE System Hours	Delta Hours	Benzene (pounds)	Toluene (pounds)	Ethylbenzene (pounds)	Total Xylenes (pounds)	TVPH (pounds)	TVPH (tons)
8/13/2024	4	0.0	0.0	0.0	0.0	0.0	0.0	0.00
8/14/2024	24	20	1.7	2.3	0.3	3.6	262.0	0.13
8/21/2024	190	166	4.0	20.9	2.8	35.8	1341.9	0.67
8/28/2024	354	164	1.7	13.3	2.3	31.6	998.6	0.50
9/4/2024	520	167	1.4	9.8	1.4	18.6	646.0	0.32
9/19/2024	879	359	13.8	71.9	10.0	117.9	739.4	0.37
10/1/2024	1,031	152	0.6	3.0	0.5	5.4	6.2	0.00
10/16/2024	1,391	360	0.6	2.7	0.2	3.0	4.9	0.00
11/15/2024	2,070	678	0.7	1.0	0.3	0.4	225.5	0.11
11/27/2024	2,333	264	0.6	3.3	0.7	10.7	287.9	0.14
12/5/2024	2,523	190	0.1	0.2	0.1	0.1	44.8	0.02
2/6/2025	3,962	1,438	0.4	3.8	0.4	8.0	325.0	0.16
4/11/2025	4,916	955	0.4	1.2	0.3	9.4	359.8	0.18
4/29/2025	5,314	398	0.1	0.7	0.1	3.1	126.5	0.06
6/10/2025	6,269	955	0.3	3.0	0.3	4.3	151.8	0.08
8/22/2025	8,014	1,745	0.0	0.2	0.0	0.7	23.4	0.01
11/15/2025	9,953	1,939	0.4	1.8	0.3	3.5	451.8	0.23
Total Mass Recovery to Date			27	139	20	256	5,995	3.00

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
- Grey: Laboratory reporting limit used to estimate mass removal
- (1): Flow rate and hours from 11/14/24 applied to analytical data from 11/15/24
- (2): Flow rate based on 4/11/25 data



TABLE 5 LIQUID RECOVERY Hare 15 Hilcorp Energy Company San Juan County, New Mexico									
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)	
8/12/2024									System Startup
8/20/2024									Totalizer Installed
8/21/2024	189.7	--	--	--	--	--	--	--	
8/28/2024	352.6	4,680	4,680	4,680	168:45:00	10,125	0.46	666	
9/4/2024	520.3	9,057	4,378	9,057	168:25:00	10,105	0.43	624	
9/11/2024	687.4	13,093	4,035	13,093	153:30:00	9,210	0.44	631	
9/19/2024	878.9	17,197	4,105	17,197	192:00:00	11,520	0.36	513	
9/25/2024	970.3	20,511	3,313	20,511	157:58:00	9,478	0.35	503	
10/1/2024	1,031.1	22,652	2,142	22,652	130:02:00	7,802	0.27	395	
10/16/2024	1,391	23,665	1,013	23,665	360:00:00	21,600	0.05	68	
10/23/2024	NR	NR	NR	NR	168:00:00	10,080	NR	NR	
11/6/2024	1,880	32,212	8,546	32,212	336:00:00	20,160	0.42	610	
11/14/2024 ⁽¹⁾	2,070	35,998	3,786	35,998	--	--	--	--	
11/27/2024 ⁽¹⁾	2,333	38,388	6,176	38,388	--	--	--	--	
12/5/2024 ⁽¹⁾	2,523	38,388	0	38,388	--	--	--	--	
12/11/2024 ⁽¹⁾	2,605	38,398	10	38,398	--	--	--	--	
12/18/2024 ⁽¹⁾	2,774	38,398	0	38,398	--	--	--	--	
12/30/2024 ⁽¹⁾	3,050	38,398	0	38,398	--	--	--	--	
1/8/2025 ⁽¹⁾	3,263	38,388	-10	38,388	--	--	--	--	
1/25/2025 ⁽¹⁾	3,673	38,390	3	38,390	--	--	--	--	
2/6/2025 ⁽¹⁾	3,962	38,390	0	38,390	--	--	--	--	
2/21/2025 ⁽¹⁾	4,321	38,390	0	38,390	--	--	--	--	
2/28/2025 ⁽²⁾	4,489	141	0	38,390	--	--	--	--	Totalizer Replaced
3/11/2025	4,751	9,994,755	--	--	--	--	--	--	Totalizer Running Backward
3/31/2025									System Off
4/11/2025	4,916	9,980,774	--	--	--	--	--	--	Totalizer Running Backward
5/9/2025	5,502	9,984,396	3,622	42,013	672:00:00	40,320	0.09	129	
5/21/2025	5,792	9,984,996	600	42,613	288:00:00	17,280	0.03	50	
6/10/2025	6,269	9,984,996	0	42,613	480:00:00	28,800	0.00	0	Totalizer Not Functioning
6/26/2025	6,649	9,984,996	0	42,613	384:00:00	23,040	0.00	0	Totalizer Not Functioning
7/17/2025	7,151	9,984,996	0	42,613	504:00:00	30,240	0.00	0	Totalizer Not Functioning
8/22/2025	8,014	423	0	42,613	864:00:00	51,840	0.00	0	Totalizer Replaced
8/27/2025	8,133	597	174	42,787	120:00:00	7,200	0.02	35	
9/3/2025	8,302	607	11	42,797	168:00:00	10,080	0.00	2	
9/29/2025	8,858	967	360	43,157	624:00:00	37,440	0.01	14	
10/8/2025	9,061	3,200	2,233	45,390	216:00:00	12,960	0.17	248	
11/15/2025	9,953	16,887	13,687	59,077	926:09:00	55,569	0.25	355	
11/28/2025	10,258	21,350	4,463	63,540	311:55:00	18,715	0.24	343	
12/2/2025	10,350	22,682	1,332	64,872	91:56:00	5,516	0.24	348	
12/15/2025	10,635	26,486	3,804	68,676	302:00:00	18,120	0.21	302	
12/30/2025	10,928	30,730	4,244	72,920	360:00:00	21,600	0.20	283	

Notes:

- *: totalizing meter installed on 8/16/2024
- bbl: barrel
- ft: feet
- gal: gallon
- gal/day: gallon per day
- gpm: gallon per minute
- hr: hour
- (1) Totalizer not functioning
- (2) Totalizer replaced
- in: inch
- min: minute
- sec: second
- Dashed line indicated quarter change
- : not applicable
- NR: Not recorded

Total Quantity of Liquid Removed:	72,920 Gal
	1,736 bbl



TABLE 6 GROUNDWATER ELEVATION Hare 15 Hilcorp Energy Company San Juan County, New Mexico							
Well Number	Top of Casing Elevation (feet AMSL)	Total Depth (feet)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet AMSL)
MW01	5,817.82	27.60	9/22/2020	26.48	--	--	5,791.34
			10/2/2020	26.48	--	--	5,791.34
			10/7/2020	26.46	--	--	5,791.36
			2/17/2021	26.42	--	--	5,791.40
			9/27/2021	26.45	--	--	5,791.37
			1/7/2022	26.40	--	--	5,791.42
			4/22/2022	26.44	--	--	5,791.38
			9/8/2022	26.36	--	--	5,791.46
			12/9/2022	26.25	--	--	5,791.57
			3/9/2023	26.31	--	--	5,791.51
			5/2/2023	26.29	--	--	5,791.53
			8/30/2023	26.23	--	--	5,791.59
			11/30/2023	26.23	--	--	5,791.59
			2/15/2024	26.33	--	--	5,791.49
			6/3/2024	26.32	--	--	5,791.50
11/21/2024	DRY	--	--	--			
5/1/2025	24.83	--	--	5,792.99			
12/17/2025	DRY	--	--	--			
MW02	5,817.36	37.10	9/22/2020	DRY	--	--	--
			10/2/2020	37.02 (1)	--	--	--
			10/7/2020	DRY	--	--	--
			2/17/2021	37.09 (1)	--	--	--
			9/27/2021	DRY	--	--	--
			1/7/2022	DRY	--	--	--
			9/8/2022	DRY	--	--	--
			12/9/2022	DRY	--	--	--
			3/9/2023	DRY	--	--	--
			5/2/2023	DRY	--	--	--
			8/30/2023	DRY	--	--	--
			11/30/2023	DRY	--	--	--
			2/15/2024	DRY	--	--	--
			6/3/2024	DRY	--	--	--
			11/21/2024	DRY	--	--	--
5/1/2025	DRY	--	--	--			
12/17/2025	DRY	--	--	--			
MW03	5,817.81	37.55	9/22/2020	27.85	27.14	0.71	5,790.53
			10/2/2020	30.62	27.16	3.46	5,789.96
			10/7/2020	29.90	27.14	2.76	5,790.12
			2/17/2021	28.01	27.42	0.59	5,790.27
			9/27/2021	27.45	27.31	0.14	5,790.47
			11/24/2021	27.48	27.32	0.16	5,790.46
			1/7/2022	27.42	27.31	0.11	5,790.48
			4/22/2022	27.66	27.58	0.08	5,790.21
			9/8/2022	27.45	27.35	0.10	5,790.44
			12/9/2022	25.24	25.14	0.10	5,792.65
			3/9/2023	27.14	27.05	0.09	5,790.74
			5/2/2023	27.20	27.08	0.12	5,790.71
			8/30/2023	27.16	--	--	5,790.65
			11/30/2023	28.13	--	--	5,789.68
			2/15/2024	27.13	27.10	0.03	5,790.70
			6/3/2024	27.13	27.12	0.01	5,790.69
			11/21/2024	27.63	Sheen	--	5,790.18
			5/1/2025	28.47	Sheen	--	5,789.34
12/17/2025	28.13	Sheen	--	5,789.68			



TABLE 6 GROUNDWATER ELEVATION Hare 15 Hilcorp Energy Company San Juan County, New Mexico							
MW04A	5,818.23	36.58	9/22/2020	27.58	27.56	0.02	5,790.67
			10/2/2020	29.39	27.56	1.83	5,790.30
			10/7/2020	28.08	27.57	0.51	5,790.56
			2/17/2021	27.96	27.66	0.30	5,790.51
			9/27/2021	28.15	27.90	0.25	5,790.28
			11/24/2021	28.22	27.92	0.30	5,790.25
			1/7/2022	28.04	27.85	0.19	5,790.34
			4/22/2022	28.06	27.88	0.18	5,790.31
			9/8/2022	27.89	27.77	0.12	5,790.44
			12/9/2022	27.87	27.74	0.13	5,790.46
			3/9/2023	27.81	27.75	0.06	5,790.47
			5/2/2023	28.11	27.97	0.14	5,790.23
			8/30/2023	27.91	--	--	5,790.32
			11/30/2023	27.91	--	--	5,790.32
			2/15/2024	27.96	27.93	0.03	5,790.29
6/3/2024	28.00	27.98	0.02	5,790.25			
11/21/2024	28.89	Sheen	--	5,789.34			
5/1/2025	33.39	Sheen	--	5,784.84			
12/17/2025	30.89	Sheen	--	5,787.34			
MW04B	5,818.22	17.30	9/22/2020	DRY	--	--	--
			10/2/2020	DRY	--	--	--
			10/7/2020	DRY	--	--	--
			2/17/2021	DRY	--	--	--
			9/27/2021	DRY	--	--	--
			1/7/2022	DRY	--	--	--
			9/8/2022	DRY	--	--	--
			12/9/2022	DRY	--	--	--
			3/9/2023	DRY	--	--	--
			5/2/2023	DRY	--	--	--
			8/30/2023	DRY	--	--	--
11/30/2023	DRY	--	--	--			
MW06	5,818.28	32.30	9/22/2020	27.71	--	--	5,790.57
			10/2/2020	27.70	--	--	5,790.58
			10/7/2020	27.67	--	--	5,790.61
			2/17/2021	27.75	--	--	5,790.53
			9/27/2021	27.75	--	--	5,790.53
			1/7/2022	26.73	--	--	5,791.55
			9/8/2022	27.77	--	--	5,790.51
			12/9/2022	27.75	--	--	5,790.53
			3/9/2023	27.76	--	--	5,790.52
			5/2/2023	27.79	--	--	5,790.49
			8/30/2023	28.75	--	--	5,789.53
			11/30/2023	27.74	--	--	5,790.54
			2/16/2024	27.78	--	--	5,790.50
5/31/2024	27.86	--	--	5,790.42			
11/21/2024	28.19	--	--	5,790.09			
5/1/2025	27.37	--	--	5,790.91			
12/17/2025	26.68	--	--	5,791.60			
MW07	5,818.64	30.45	9/22/2020	28.77	28.01	0.76	5,790.48
			10/2/2020	28.52	28.03	0.49	5,790.51
			10/7/2020	28.69	28.16	0.53	5,790.37
			2/17/2021	28.33	Sheen	--	5,790.31
			9/27/2021	28.29	28.22	0.07	5,790.41
			11/24/2021	28.25	28.21	0.04	5,790.42
			1/7/2022	28.23	Sheen	--	5,790.41
			4/22/2022	28.52	28.17	0.35	5,790.40
			9/8/2022	28.40	Sheen	--	5,790.24
			12/9/2022	28.37	28.17	0.20	5,790.43



TABLE 6 GROUNDWATER ELEVATION Hare 15 Hilcorp Energy Company San Juan County, New Mexico							
MW07	5,818.64	30.45	3/9/2023	28.46	Sheen	--	5,790.18
			5/2/2023	28.62	28.40	0.22	5,790.20
			8/30/2023	28.37	--	--	5,790.27
			11/30/2023	28.37	--	--	5,790.27
			2/15/2024	28.40	--	--	5,790.24
			5/31/2024	28.40	28.39	0.01	5,790.25
			11/21/2024	29.12	Sheen	--	5,789.52
			5/1/2025	29.02	Sheen	--	5,789.62
			12/17/2025	28.91	Sheen	--	5,789.73
			MW08	5,817.40	37.27	9/22/2020	DRY
10/2/2020	DRY	--				--	--
10/7/2020	DRY	--				--	--
2/17/2021	36.72 (1)	--				--	--
9/27/2021	36.89 (1)	--				--	--
1/7/2022	DRY	--				--	--
9/8/2022	36.80 (1)	--				--	--
12/9/2022	36.81(1)	--				--	--
3/9/2023	36.75 (1)	--				--	--
5/2/2023	36.85 (1)	--				--	--
8/30/2023	36.98 (1)	--				--	--
11/30/2023	37.18 (1)	--				--	--
2/15/2024	35.87 (1)	--				--	--
6/3/2024	35.83 (1)	--				--	--
11/21/2024	34.60 (1)	--	--	--			
5/1/2025	DRY	--	--	--			
12/17/2025	DRY	--	--	--			
MW09	5,818.61	32.30	9/22/2020	28.10	--	--	5,790.51
			10/2/2020	30.71	--	--	5,787.90
			10/7/2020	29.72	--	--	5,788.89
			2/17/2021	28.15	--	--	5,790.46
			9/27/2021	28.17	--	--	5,790.44
			1/7/2022	28.22	--	--	5,790.39
			4/22/2022	28.20	--	--	5,790.41
			9/8/2022	28.23	--	--	5,790.38
			12/9/2022	28.09	--	--	5,790.52
			3/9/2023	28.08	--	--	5,790.53
			5/2/2023	28.12	--	--	5,790.49
			8/30/2023	27.97	--	--	5,790.64
			11/30/2023	27.95	--	--	5,790.66
			2/15/2024	28.05	--	--	5,790.56
			6/3/2024	28.12	--	--	5,790.49
11/21/2024	29.47	--	--	5,789.14			
5/1/2025	29.31	--	--	5,789.30			
12/17/2025	28.94	--	--	5,789.67			
MW10	5,819.73	32.60	9/22/2020	30.23	29.22	1.01	5,790.31
			10/2/2020	29.74	29.29	0.45	5,790.35
			10/7/2020	29.80	29.21	0.59	5,790.40
			2/17/2021	30.23	29.49	0.74	5,790.09
			9/27/2021	29.65	29.37	0.28	5,790.30
			11/24/2022	29.60	29.39	0.21	5,790.30
			1/7/2022	29.50	29.42	0.08	5,790.29
			4/22/2022	29.55	--	--	5,790.18
			9/8/2022	29.45	Sheen	--	5,790.28
			12/9/2022	29.44	--	--	5,790.29
			3/9/2023	29.46	Sheen	--	5,790.27
			5/2/2023	29.40	--	--	5,790.33
			8/30/2023	29.47	--	--	5,790.26
			11/30/2023	29.31	--	--	5,790.42



TABLE 6 GROUNDWATER ELEVATION Hare 15 Hilcorp Energy Company San Juan County, New Mexico							
MW10	5,819.73	32.60	2/15/2024	29.56	--	--	5,790.17
			6/3/2024	29.53	--	--	5,790.20
			11/21/2024	29.20	--	--	5,790.53
			5/1/2025	28.68	Sheen	--	5,791.05
			12/17/2025	29.19	Sheen	--	5,790.54
MW11	5,819.37	32.57	9/22/2020	29.01	--	--	5,790.36
			10/2/2020	29.02	--	--	5,790.35
			10/7/2020	28.91	--	--	5,790.46
			2/17/2021	29.00	--	--	5,790.37
			9/27/2021	28.97	--	--	5,790.40
			1/7/2022	28.98	--	--	5,790.39
			4/22/2022	28.99	--	--	5,790.38
			9/8/2022	29.01	--	--	5,790.36
			12/9/2022	28.98	--	--	5,790.39
			3/9/2023	29.00	--	--	5,790.37
			5/2/2023	29.01	29.00	0.01	5,790.37
			8/30/2023	28.71	--	--	5,790.66
			11/30/2023	28.70	--	--	5,790.67
			2/15/2024	28.77	28.74	0.03	5,790.62
			6/3/2024	28.78	--	--	5,790.59
11/21/2024	29.35	--	--	5,790.02			
5/1/2025	29.27	--	--	5,790.10			
12/17/2025	DRY	--	--	--			
MW13	5,818.06	32.60	9/22/2020	27.81	27.43	0.38	5,790.55
			10/2/2020	27.80	27.44	0.36	5,790.55
			10/7/2020	27.81	27.42	0.39	5,790.56
			2/17/2021	27.79	27.64	0.15	5,790.39
			9/27/2021	27.68	27.57	0.11	5,790.47
			11/24/2021	27.70	27.57	0.13	5,790.46
			1/7/2022	27.66	27.58	0.08	5,790.46
			4/22/2022	27.70	27.58	0.12	5,790.46
			9/8/2022	27.69	27.60	0.09	5,790.44
			12/9/2022	27.66	27.58	0.08	5,790.46
			3/9/2023	27.67	27.58	0.09	5,790.46
			5/2/2023	27.75	27.59	0.16	5,790.44
			8/30/2023	27.29	27.18	0.11	5,790.86
			11/30/2023	27.32	--	--	5,790.74
			2/15/2024	27.29	27.24	0.05	5,790.81
6/3/2024	27.30	27.29	0.01	5,790.77			
11/21/2024	26.43	Sheen	--	5,791.63			
5/1/2025	27.73	Sheen	--	5,790.33			
12/17/2025	25.92	Sheen	--	5,792.14			
MW14	5,821.30	33.83	2/17/2021	33.78	--	--	5,787.52
			9/27/2021	30.94	--	--	5,790.36
			1/7/2022	30.99	--	--	5,790.31
			9/8/2022	30.96	--	--	5,790.34
			12/9/2022	30.91	--	--	5,790.39
			3/9/2023	30.99	--	--	5,790.31
			5/2/2023	31.60	--	--	5,789.70
			8/30/2023	31.34	--	--	5,789.96
			11/30/2023	30.79	--	--	5,790.51
			2/16/2024	31.03	--	--	5,790.27
			5/30/2024	32.90	--	--	5,788.40
			11/21/2024	DRY	--	--	--
5/1/2025	DRY	--	--	--			
12/17/2025	DRY	--	--	--			



TABLE 6 GROUNDWATER ELEVATION Hare 15 Hilcorp Energy Company San Juan County, New Mexico							
MW15	5,823.34	35.62	2/17/2021	33.27	33.11	0.16	5,790.20
			9/27/2021	33.65	33.05	0.60	5,790.17
			1/7/2022	33.44	33.33	0.11	5,789.99
			4/22/2022	33.33	--	--	5,790.01
			9/8/2022	32.23	Sheen	--	5,791.11
			12/9/2022	33.22	--	--	5,790.12
			3/9/2023	33.21	Sheen	--	5,790.13
			5/2/2023	33.25	Sheen	--	5,790.09
			8/30/2023	33.75	--	--	5,789.59
			11/30/2023	33.32	--	--	5,790.02
			2/16/2024	33.42	--	--	5,789.92
			6/3/2024	33.49	--	--	5,789.85
			11/21/2024	30.07	Sheen	--	5,793.27
			5/1/2025	29.69	Sheen	--	5,793.65
12/17/2025	30.36	Sheen	--	5,792.98			
MW16	5,821.55	37.05	2/17/2021	32.20	31.67	0.53	5,789.77
			9/27/2021	31.71	31.18	0.53	5,790.26
			1/7/2022	31.65	31.24	0.41	5,790.23
			4/22/2022	31.56	31.19	0.37	5,790.29
			9/8/2022	31.64	31.21	0.43	5,790.25
			12/9/2022	31.64	31.25	0.39	5,790.22
			3/9/2023	31.56	31.22	0.34	5,790.26
			5/2/2023	31.62	31.25	0.37	5,790.23
			8/30/2023	31.60	31.28	0.32	5,790.21
			11/30/2023	31.28	--	--	5,790.27
			2/15/2024	31.58	31.26	0.32	5,790.23
			6/3/2024	31.31	--	--	5,790.24
			11/21/2024	29.19	Sheen	--	5,792.36
			5/1/2025	28.80	Sheen	--	5,792.75
12/17/2025	29.46	Sheen	--	5,792.09			
MW18	5,821.35	32.54	2/17/2021	DRY	--	--	--
			9/27/2021	DRY	--	--	--
			1/7/2022	DRY	--	--	--
			4/22/2022	DRY	--	--	--
			9/8/2022	DRY	--	--	--
			12/9/2022	31.86 (1)	--	--	--
			3/9/2023	DRY	--	--	--
			5/2/2023	32.10 (1)	--	--	--
			8/30/2023	DRY	--	--	--
			11/30/2023	DRY	--	--	--
			2/16/2024	31.32 (1)	--	--	--
			6/3/2024	32.12 (1)	--	--	--
			11/21/2024	DRY	--	--	--
			5/1/2025	DRY	--	--	--
12/17/2025	DRY	--	--	--			
MW19	5,825.06	43.50	2/17/2021	34.93	--	--	5,790.13
			9/27/2021	34.93	--	--	5,790.13
			1/7/2021	34.93	--	--	5,790.13
			4/22/2022	34.88	--	--	5,790.18
			9/8/2022	34.93	--	--	5,790.13
			12/9/2022	34.94	--	--	5,790.12
			3/9/2023	34.91	--	--	5,790.15
			5/2/2023	34.96	--	--	5,790.10
			8/30/2023	34.98	--	--	5,790.08
			11/30/2023	34.93	--	--	5,790.13
			2/16/2024	34.97	--	--	5,790.09
			5/30/2024	34.98	--	--	5,790.08
			11/21/2024	35.98	--	--	5,789.08



TABLE 6 GROUNDWATER ELEVATION Hare 15 Hilcorp Energy Company San Juan County, New Mexico							
MW19	5,825.06	43.50	5/1/2025	NA	--	--	--
			12/17/2025	NA	--	--	--
MW20	5,820.60	40.13	2/17/2021	30.36	--	--	5,790.24
			9/27/2021	30.38	--	--	5,790.22
			1/7/2022	30.35	--	--	5,790.25
			4/22/2022	30.33	--	--	5,790.27
			9/8/2022	30.38	--	--	5,790.22
			12/9/2022	30.38	--	--	5,790.22
			3/9/2023	30.35	--	--	5,790.25
			5/2/2023	30.40	--	--	5,790.20
			8/30/2023	30.42	--	--	5,790.18
			11/30/2023	30.45	--	--	5,790.15
			2/15/2024	30.38	--	--	5,790.22
			5/31/2024	30.43	--	--	5,790.17
			11/21/2024	31.51	--	--	5,789.09
			5/1/2025	31.19	--	--	5,789.41
12/17/2025	31.66	--	--	5,788.94			
MW21	5,820.72	36.24	5/21/2021	35.88 (1)	--	--	--
			9/27/2021	36.19 (1)	--	--	--
			4/22/2022	36.17 (1)	--	--	--
			9/8/2022	36.16 (1)	--	--	--
			12/9/2022	DRY	--	--	--
			3/9/2023	DRY	--	--	--
			5/2/2023	DRY	--	--	--
			8/30/2023	DRY	--	--	--
			11/30/2023	DRY	--	--	--
			2/15/2024	DRY	--	--	--
			5/31/2024	DRY	--	--	--
			11/21/2024	DRY	--	--	--
5/1/2025	DRY	--	--	--			
12/17/2025	DRY	--	--	--			
MW22	5,826.83	42.95	5/21/2021	36.78	--	--	5,790.05
			9/27/2021	36.81	--	--	5,790.02
			4/22/2022	36.72	--	--	5,790.11
			9/8/2022	36.79	--	--	5,790.04
			12/9/2022	36.81	--	--	5,790.02
			3/9/2023	36.77	--	--	5,790.06
			5/2/2023	36.84	--	--	5,789.99
			8/30/2023	36.85	--	--	5,789.98
			11/30/2023	36.88	--	--	5,789.95
			2/15/2024	36.81	--	--	5,790.02
			5/31/2024	36.86	--	--	5,789.97
			11/21/2024	37.86	--	--	5,788.97
5/1/2025	37.53	--	--	5,789.30			
12/17/2025	38.04	--	--	5,788.79			
MW23	5,829.60	44.78	5/21/2021	40.38	--	--	5,789.22
			9/27/2021	39.45	--	--	5,790.15
			4/22/2022	39.38	--	--	5,790.22
			9/8/2022	39.45	--	--	5,790.15
			12/9/2022	39.47	--	--	5,790.13
			3/9/2023	39.43	--	--	5,790.17
			5/2/2023	39.50	--	--	5,790.10
			8/30/2023	39.33	--	--	5,790.27
			11/30/2023	39.46	--	--	5,790.14
			2/16/2024	39.49	--	--	5,790.11
			5/30/2024	39.51	--	--	5,790.09
			11/21/2024	40.51	--	--	5,789.09
5/2/2025	40.21	--	--	5,789.39			



TABLE 6 GROUNDWATER ELEVATION Hare 15 Hilcorp Energy Company San Juan County, New Mexico							
MW23	5,829.60	44.78	12/17/2025	40.61	--	--	5,788.99
MW24	5,826.76	41.39	5/21/2021	36.35	--	--	5,790.41
			9/27/2021	36.40	--	--	5,790.36
			9/8/2022	36.36	--	--	5,790.40
			12/9/2022	36.41	--	--	5,790.35
			3/9/2023	36.37	--	--	5,790.39
			5/2/2023	36.42	--	--	5,790.34
			8/30/2023	36.45	--	--	5,790.31
			11/30/2023	36.38	--	--	5,790.38
			2/16/2024	36.24	--	--	5,790.52
			5/30/2024	36.43	--	--	5,790.33
			11/21/2024	DRY	--	--	--
			5/2/2025	DRY	--	--	--
12/17/2025	DRY	--	--	--			
MW25	5,819.84	40.40	5/21/2021	40.02 (1)	--	--	--
			9/27/2021	DRY	--	--	--
			4/22/2022	40.30 (1)	--	--	--
			9/8/2022	40.25 (1)	--	--	--
			12/9/2022	40.26 (1)	--	--	--
			3/9/2023	DRY	--	--	--
			5/2/2023	DRY	--	--	--
			8/30/2023	DRY	--	--	--
			11/30/2023	DRY	--	--	--
			2/15/2024	DRY	--	--	--
			5/30/2024	DRY	--	--	--
			11/21/2024	DRY	--	--	--
5/2/2025	DRY	--	--	--			
12/17/2025	DRY	--	--	--			
MW26	5,822.35	40.52	5/21/2021	32.58	--	--	5,789.77
			9/27/2021	32.57	--	--	5,789.78
			4/22/2022	32.49	--	--	5,789.86
			9/8/2022	32.57	--	--	5,789.78
			12/9/2022	32.56	--	--	5,789.79
			3/9/2023	32.52	--	--	5,789.83
			5/2/2023	32.58	--	--	5,789.77
			8/30/2023	32.70	--	--	5,789.65
			11/30/2023	32.63	--	--	5,789.72
			2/15/2024	32.58	--	--	5,789.77
			5/31/2024	32.60	--	--	5,789.75
			11/21/2024	33.16	--	--	5,789.19
5/2/2025	33.15	--	--	5,789.20			
12/17/2025	33.45	--	--	5,788.90			
MW27	5,818.56	40.60	9/27/2021	40.46 (1)	--	--	--
			4/22/2022	39.48 (1)	--	--	--
			9/8/2022	39.95 (1)	--	--	--
			12/9/2022	39.96 (1)	--	--	--
			3/9/2023	DRY	--	--	--
			5/2/2023	39.90 (1)	--	--	--
			8/30/2023	40.01 (1)	--	--	--
			11/30/2023	40.03 (1)	--	--	--
			2/15/2024	39.98 (1)	--	--	--
			5/31/2024	39.93 (1)	--	--	--
			11/21/2024	40.03 (1)	--	--	--
			5/2/2025	40.40 (1)	--	--	--
12/17/2025	40.11 (1)	--	--	--			



TABLE 6 GROUNDWATER ELEVATION Hare 15 Hilcorp Energy Company San Juan County, New Mexico							
MW28	5,815.12	40.61	9/27/2021	DRY	--	--	--
			4/22/2022	DRY	--	--	--
			9/8/2022	39.95 (1)	--	--	--
			12/9/2022	39.97 (1)	--	--	--
			3/9/2023	DRY	--	--	--
			5/2/2023	DRY	--	--	--
			8/30/2023	DRY	--	--	--
			11/30/2023	DRY	--	--	--
			2/15/2024	DRY	--	--	--
			5/31/2024	DRY	--	--	--
			11/21/2024	DRY	--	--	--
			5/2/2025	DRY	--	--	--
12/17/2025	DRY	--	--	--			
MW29	5,829.68	48.10	9/27/2021	39.75	--	--	5,789.93
			4/22/2022	39.66	--	--	5,790.02
			9/8/2022	39.73	--	--	5,789.95
			12/9/2022	39.74	--	--	5,789.94
			3/9/2023	39.70	--	--	5,789.98
			5/2/2023	39.75	--	--	5,789.93
			8/30/2023	38.82	--	--	5,790.86
			11/30/2023	39.76	--	--	5,789.92
			2/15/2024	39.37	--	--	5,790.31
			5/30/2024	39.78	--	--	5,789.90
			11/21/2024	40.43	--	--	5,789.25
			5/2/2025	40.35	--	--	5,789.33
12/17/2025	40.75	--	--	5,788.93			
MW30	5,834.72	54.74	9/8/2022	44.96	--	--	5,789.76
			12/9/2022	44.91	--	--	5,789.81
			3/9/2023	44.89	--	--	5,789.83
			5/2/2023	44.90	--	--	5,789.82
			8/30/2023	44.98	--	--	5,789.74
			11/30/2023	44.94	--	--	5,789.78
			2/16/2024	44.94	--	--	5,789.78
			5/30/2024	44.96	--	--	5,789.76
			11/22/2024	45.47	--	--	5,789.25
			5/2/2025	45.38	Sheen	--	5,789.34
12/17/2025	45.69	45.68	0.01	5,789.03			
MW31	5,834.88	53.55	9/8/2022	45.02	--	--	5,789.86
			12/9/2022	44.98	--	--	5,789.90
			3/9/2023	44.94	--	--	5,789.94
			5/2/2023	45.00	--	--	5,789.88
			8/30/2023	45.05	--	--	5,789.83
			11/30/2023	44.97	--	--	5,789.91
			2/16/2024	45.00	--	--	5,789.88
			5/30/2024	45.02	--	--	5,789.86
			11/22/2024	45.58	--	--	5,789.30
			5/2/2025	45.53	--	--	5,789.35
			12/17/2025	45.55	--	--	5,789.33
			MW32	5,821.84	40.18	9/8/2022	40.04 (1)
12/9/2022	34.75	--				--	5,787.09
3/9/2023	34.03	--				--	5,787.81
5/2/2023	36.45	--				--	5,785.39
8/30/2023	38.59	--				--	5,783.25
11/30/2023	DRY	--				--	--
2/15/2024	DRY	--				--	--
5/30/2024	DRY	--				--	--
11/22/2024	DRY	--				--	--
5/2/2025	DRY	--				--	--



TABLE 6 GROUNDWATER ELEVATION Hare 15 Hilcorp Energy Company San Juan County, New Mexico							
MW32	5,821.84	40.18	12/17/2025	DRY	--	--	--
MW33	5,808.24	47.87	9/8/2022	33.51	--	--	5,774.73
			3/9/2023	32.75	--	--	5,775.49
			3/9/2023	32.75	--	--	5,775.49
			5/2/2023	32.72	--	--	5,775.52
			8/30/2023	33.52	--	--	5,774.72
			11/30/2023	33.07	--	--	5,775.17
			2/16/2024	32.79	--	--	5,775.45
			5/31/2024	29.96	--	--	5,778.28
			11/22/2024	33.24	--	--	5,775.00
			5/2/2025	32.89	--	--	5,775.35
12/17/2025	33.09	--	--	5,775.15			
MW34	5,807.90	43.64	9/8/2022	33.00	--	--	5,774.90
			12/9/2022	32.47	--	--	5,775.43
			3/9/2023	32.29	--	--	5,775.61
			5/2/2023	32.29	--	--	5,775.61
			8/30/2023	33.16	--	--	5,774.74
			11/30/2023	32.71	--	--	5,775.19
			2/16/2024	32.37	--	--	5,775.53
			5/31/2024	32.62	--	--	5,775.28
			11/22/2024	32.82	--	--	5,775.08
			5/2/2025	32.44	--	--	5,775.46
12/17/2025	32.69	--	--	5,775.21			
MW35	5,803.64	53.75	9/8/2022	47.22	--	--	5,756.42
			12/9/2022	46.85	--	--	5,756.79
			3/9/2023	46.80	--	--	5,756.84
			5/2/2023	46.78	--	--	5,756.86
			8/30/2023	47.33	--	--	5,756.31
			11/30/2023	47.28	--	--	5,756.36
			2/16/2024	47.17	--	--	5,756.47
			5/31/2024	47.27	--	--	5,756.37
			11/22/2024	47.46	--	--	5,756.18
			5/2/2025	47.35	--	--	5,756.29
12/17/2025	47.50	--	--	5,756.14			
MW38	5,835.26	53.12	9/9/2022	45.54	--	--	5,789.72
			12/9/2022	45.54	--	--	5,789.72
			3/9/2023	DRY	--	--	--
			5/2/2023	45.55	--	--	5,789.71
			8/30/2023	45.62	--	--	5,789.64
			11/30/2023	45.57	--	--	5,789.69
			2/16/2024	45.56	--	--	5,789.70
			5/30/2024	45.58	--	--	5,789.68
			11/22/2024	45.04	--	--	5,790.22
			5/2/2025	46.09	--	--	5,789.17
12/17/2025	46.30	--	--	5,788.96			

Notes:

(1): water measured in well is not indicative of the perched groundwater aquifer at the Site

AMSL: above mean sea level

BTOC: below top of casing

--: indicates no GWEL or PSH measured

When product is present, the groundwater elevation is corrected using an estimated density correction factor of 0.8



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Hare 15 Hilcorp Energy Company San Juan County, New Mexico					
Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
MW01	2/17/2021	Well Dry			
	9/28/2021	1,200	14	9.1	9,900
	9/8/2022	Well Dry			
	3/9/2023	1,900	<50	400	7,500
	5/3/2023	1,800	<50	380	6,400
	8/30/2023	2,700	<50	240	8,300
	11/30/2023	2,600	<50	290	4,500
	2/15/2024	2,200	<50	330	3,100
	6/3/2024	1,700	<50	220	3,500
	11/21/2024	Well Dry			
	5/1/2025	Insufficient volume to sample			
	12/17/2025	Well Dry			
MW02	2/17/2021	Well Dry			
	9/28/2021	Well Dry			
	9/8/2022	Well Dry			
	3/9/2023	Well Dry			
	5/2/2023	Well Dry			
	2/15/2024	Well Dry			
	6/3/2024	Well Dry			
	11/21/2024	Well Dry			
	5/1/2025	Well Dry			
	12/17/2025	Well Dry			
MW03	2/17/2021	No Sample Collected, PSH Present			
	9/28/2021	No Sample Collected, PSH Present			
	9/8/2022	No Sample Collected, PSH Present			
	3/9/2023	No Sample Collected, PSH Present			
	5/2/2023	No Sample Collected, PSH Present			
	2/15/2024	No Sample Collected, PSH Present			
	6/3/2024	No Sample Collected, PSH Present			
	11/21/2024	No Sample Collected, PSH Present			
	5/1/2025	No Sample Collected, PSH Present			
12/17/2025	No Sample Collected, PSH Present				
MW04A	2/17/2021	No Sample Collected, PSH Present			
	9/28/2021	No Sample Collected, PSH Present			
	9/8/2022	No Sample Collected, PSH Present			
	3/9/2023	No Sample Collected, PSH Present			
	5/2/2023	No Sample Collected, PSH Present			
	2/15/2024	No Sample Collected, PSH Present			
	6/3/2024	No Sample Collected, PSH Present			
	11/21/2024	No Sample Collected, PSH Present			



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Hare 15 Hilcorp Energy Company San Juan County, New Mexico					
Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
MW04A	5/1/2025	No Sample Collected, PSH Present			
	12/17/2025	No Sample Collected, PSH Present			
MW04B	2/17/2021	Well Dry			
	9/28/2021	Well Dry			
	9/8/2022	Well Dry			
	3/9/2023	Well Dry			
	5/2/2023	Well Dry			
	2/15/2024	Well Dry			
	6/3/2024	Well Dry			
	11/21/2024	Well Dry			
	5/1/2025	Well Dry			
MW06	2/17/2021	110	7.7	27	48
	9/28/2021	210	<5.0	8.0	130
	9/9/2022	160	<5.0	<5.0	70
	3/9/2023	110	8.2	<5.0	32
	5/3/2023	70	<5.0	<5.0	<10
	8/30/2023	<1.0	<1.0	<1.0	<2.0
	11/30/2023	130	<2.0	13	310
	2/16/2024	7	<5.0	<5.0	<7.5
	5/31/2024	51	<5.0	<5.0	7.7
	11/21/2024	<5.0	<5.0	<5.0	<7.5
	5/1/2025	<1.0	<1.0	<1.0	<1.5
	12/17/2025	<1.0	<1.0	5	51
MW07	2/17/2021	No Sample Collected, PSH Present			
	9/28/2021	No Sample Collected, PSH Present			
	9/8/2022	No Sample Collected, PSH Present			
	3/9/2023	No Sample Collected, PSH Present			
	5/2/2023	No Sample Collected, PSH Present			
	2/15/2024	4,400	10,000	1,400	32,000
	5/31/2024	No Sample Collected, PSH Present			
	11/21/2024	No Sample Collected, PSH Present			
	5/1/2025	No Sample Collected, PSH Present			
	12/17/2025	No Sample Collected, PSH Present			
MW08	2/17/2021	Well Dry			
	9/28/2021	Well Dry			
	9/8/2022	Well Dry			
	3/9/2023	Well Dry			
	5/2/2023	Well Dry			
	2/15/2024	20	<5.0	13	<7.5
	6/3/2024	74	<2.0	58	35



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Hare 15 Hilcorp Energy Company San Juan County, New Mexico					
Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
	11/21/2024	Well Dry			
	5/1/2025	Insufficient volume to sample			
	12/17/2025	Well Dry			
MW09	2/17/2021	37	<5.0	99	230
	9/28/2021	140	<5.0	200	280
	9/9/2022	63	<5.0	48	250
	3/9/2023	60	<5.0	180	270
	5/3/2023	40	<5.0	110	220
	8/31/2023	26	<5.0	100	200
	11/30/2023	13	<5.0	73	110
	2/15/2024	13	<5.0	68	90
	6/3/2024	36	<5.0	100	170
	11/21/2024	Insufficient volume to sample			
	5/1/2025	Insufficient volume to sample			
12/17/2025	Insufficient volume to sample				
MW10	2/17/2021	No Sample Collected, PSH Present			
	9/28/2021	No Sample Collected, PSH Present			
	9/8/2022	No Sample Collected, PSH Present			
	3/9/2023	No Sample Collected, PSH Present			
	5/2/2023	No Sample Collected, PSH Present			
	2/15/2024	6,900	15,000	1,500	28,000
	6/3/2024	6,400	13,000	1,600	29,000
	11/21/2024	Insufficient volume to sample			
	5/1/2025	No Sample Collected, PSH Present			
	12/17/2025	43	<20	72	730
MW11	2/17/2021	3,500	4,500	320	11,000
	9/28/2021	3,400	7,500	650	11,000
	9/9/2022	2,800	8,200	630	11,000
	3/9/2023	1,900	5,000	320	7,800
	5/2/2023	No Sample Collected, PSH Present			
	8/30/2023	2,900	8,600	460	14,000
	11/30/2023	1,900	2,100	90	11,000
	2/15/2024	No Sample Collected, PSH Present			
	6/3/2024	2,300	3,900	290	14,000
	11/21/2024	Insufficient volume to sample			
	5/1/2025	Insufficient volume to sample			
	12/17/2025	Well Dry			



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Hare 15 Hilcorp Energy Company San Juan County, New Mexico					
Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
MW13	2/17/2021	No Sample Collected, PSH Present			
	9/28/2021	No Sample Collected, PSH Present			
	9/8/2022	No Sample Collected, PSH Present			
	3/9/2023	No Sample Collected, PSH Present			
	5/2/2023	No Sample Collected, PSH Present			
	2/15/2024	No Sample Collected, PSH Present			
	6/3/2024	No Sample Collected, PSH Present			
	11/21/2024	No Sample Collected, PSH Present			
	5/1/2025	No Sample Collected, PSH Present			
	12/17/2025	<20	<20	<20	<40
MW14	2/17/2021	Well Dry			
	9/28/2021	32	5.2	8.2	120
	9/9/2022	16	33	13.0	250
	3/9/2023	6.3	10	<5.0	130
	5/3/2023	9.0	14	<5.0	130
	8/31/2023	8.1	11	<5.0	86
	11/30/2023	21	51	9	300
	2/16/2024	12	15	3	99
	5/30/2024	3.6	9.8	2	130
	11/21/2024	Well Dry			
	5/1/2025	Well Dry			
	12/17/2025	Well Dry			
MW15	2/17/2021	No Sample Collected, PSH Present			
	9/28/2021	No Sample Collected, PSH Present			
	9/8/2022	No Sample Collected, PSH Present			
	3/9/2023	No Sample Collected, PSH Present			
	5/2/2023	No Sample Collected, PSH Present			
	2/16/2024	1,400	3,800	580	22,000
	6/3/2024	1,400	4,100	1,200	28,000
	11/21/2024	No Sample Collected, PSH Present			
	5/1/2025	No Sample Collected, PSH Present			
	12/17/2025	290	52	270	2,400
MW16	2/17/2021	No Sample Collected, PSH Present			
	9/28/2021	No Sample Collected, PSH Present			
	9/8/2022	No Sample Collected, PSH Present			
	3/9/2023	No Sample Collected, PSH Present			
	5/2/2023	No Sample Collected, PSH Present			
	2/15/2024	No Sample Collected, PSH Present			
	6/3/2024	No Sample Collected, PSH Present			
	11/21/2024	No Sample Collected, PSH Present			



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Hare 15 Hilcorp Energy Company San Juan County, New Mexico					
Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
MW16	5/1/2025	No Sample Collected, PSH Present			
	12/17/2025	3,300	1,000	850	6,200
MW18	2/17/2021	Well Dry			
	9/28/2021	Well Dry			
	9/8/2022	Well Dry			
	3/9/2023	Well Dry			
	5/2/2023	Well Dry			
	2/16/2024	<2.0	<2.0	<2.0	<3.0
	6/3/2024	Insufficient volume to sample			
	11/21/2024	Well Dry			
	5/1/2025	Well Dry			
12/17/2025	Well Dry				
MW19	2/17/2021	660	390	520	2,800
	9/28/2021	720	140	790	1,400
	9/9/2022	320	150	670	1,300
	3/9/2023	310	74	600	900
	5/3/2023	240	38	530	690
	8/30/2023	350	130	680	1,100
	11/30/2023	510	280	630	2,400
	2/16/2024	640	310	640	2,300
	5/30/2024	410	260	530	2,000
	11/21/2024	<2.0 P2	<2.0 P2	<2.0 P2	<3.0 P2
	5/1/2025	Well Damaged, Unable to Collect Sample			
12/17/2025	Well Damaged, Unable to Collect Sample				
MW20	2/17/2021	12,000	15,000	1,100	10,000
	9/28/2021	11,000	12,000	610	5,100
	9/9/2022	11,000	14,000	1,200	9,500
	3/9/2023	11,000	15,000	1,100	10,000
	5/3/2023	12,000	15,000	1,100	10,000
	8/30/2023	13,000	20,000	1,200	13,000
	12/4/2023	12,000	18,000	1,200	12,000
	2/15/2024	12,000	14,000	1,200	11,000
	5/31/2024	14,000	19,000	670	13,000
	11/21/2024	10,000	8,100	800	6,300
	5/1/2025	9,700	7,300	<500	7,100
	12/17/2025	6,800	1,600	<200	1,300
MW21	9/28/2021	Well Dry			
	9/8/2022	Well Dry			
	3/9/2023	Well Dry			
	5/2/2023	Well Dry			



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Hare 15 Hilcorp Energy Company San Juan County, New Mexico					
Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
MW21	2/15/2024	Well Dry			
	5/31/2024	Well Dry			
	11/21/2024	Well Dry			
	5/1/2025	Well Dry			
	12/17/2025	Well Dry			
MW22	9/28/2021	2,000	1,500	890	3,000
	9/9/2022	640	230	660	1,300
	3/9/2023	650	180	640	880
	5/2/2023	610	150	620	700
	8/30/2023	710	280	770	750
	12/4/2023	620	180	740	780
	2/15/2024	920	480	770	1,200
	5/31/2024	560	230	860	690
	11/21/2024	24	<5.0	110	<7.5
	5/1/2025	2.1	<2.0	53	<3.0
12/17/2025	1.5	<1.0	1.9	<2.0	
MW23	9/28/2021	<2.0	<2.0	<2.0	<3.0
	9/9/2022	<2.0	<2.0	<2.0	<4.0
	3/9/2023	<2.0	<2.0	<2.0	<4.0
	5/2/2023	<2.0	<2.0	<2.0	<4.0
	8/30/2023	<2.0	<2.0	<2.0	<4.0
	11/30/2023	<2.0	<2.0	<2.0	<3.0
	2/16/2024	<2.0	<2.0	<2.0	<3.0
	5/30/2024	<2.0	<2.0	<2.0	<3.0
	11/22/2024	<2.0	<2.0	<2.0	<3.0
	5/2/2025	<1.0	<1.0	<1.0	<1.5
12/17/2025	<1.0	<1.0	<1.0	<2.0	
MW24	9/28/2021	<2.0	<2.0	<2.0	<3.0
	9/8/2022	<1.0	<1.0	<1.0	<2.0
	3/9/2023	<1.0	<1.0	<1.0	<2.0
	5/2/2023	<1.0	<1.0	<1.0	<2.0
	8/30/2023	<1.0	<1.0	<1.0	<2.0
	11/30/2023	<1.0	<1.0	<1.0	<1.5
	2/16/2024	<2.0	<2.0	<2.0	<3.0
	5/30/2024	<1.0	<1.0	<1.0	<1.5
	11/21/2024	Well Dry			
	5/1/2025	Well Dry			
12/17/2025	Well Dry				
MW25	9/28/2021	Well Dry			
	9/8/2022	Well Dry			



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Hare 15 Hilcorp Energy Company San Juan County, New Mexico					
Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
MW25	3/9/2023	Well Dry			
	5/2/2023	Well Dry			
	2/15/2024	Well Dry			
	5/30/2024	Well Dry			
	11/21/2024	Well Dry			
	5/1/2025	Well Dry			
	12/17/2025	Well Dry			
MW26	9/28/2021	9,700	24,000	830	11,000
	9/9/2022	11,000	27,000	850	11,000
	3/9/2023	10,000	28,000	820	11,000
	5/2/2023	11,000	29,000	840	12,000
	8/30/2023	12,000	31,000	810	12,000
	11/29/2023	10,000	25,000	730	9,800
	2/15/2024	11,000	26,000	740	11,000
	5/31/2024	13,000	32,000	970	13,000
	11/21/2024	13,000	31,000	810	12,000
	5/2/2025	11,000	25,000	740	9,900
12/18/2025	11,000	26,000	<500	12,000	
MW27	9/28/2021	Well Dry			
	9/8/2022	Well Dry			
	3/9/2023	Well Dry			
	5/2/2023	Well Dry			
	2/15/2024	Well Dry			
	5/31/2024	Insufficient volume to sample			
	11/21/2024	Insufficient volume to sample			
	5/1/2025	Insufficient volume to sample			
	12/17/2025	Insufficient volume to sample			
MW28	9/28/2021	Well Dry			
	9/8/2022	Well Dry			
	3/9/2023	Well Dry			
	5/2/2023	Well Dry			
	2/15/2024	Well Dry			
	5/31/2024	Well Dry			
	11/21/2024	Well Dry			
	5/1/2025	Well Dry			
	12/17/2025	Well Dry			
MW29	9/28/2021	12	5.9	17	34
	9/9/2022	4.1	3.9	34	7.9
	3/9/2023	<1.0	<1.0	50	2.3
	5/2/2023	<1.0	<1.0	30	<2.0



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Hare 15 Hilcorp Energy Company San Juan County, New Mexico					
Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
MW29	8/30/2023	<1.0	<1.0	35	<2.0
	11/29/2023	3.0	3.2	45	8.8
	2/15/2024	<2.0	<2.0	<2.0	<3.0
	5/30/2024	<1.0	<1.0	45	<1.5
	11/21/2024	<2.0	<2.0	<2.0	<3.0
	5/2/2025	<1.0	<1.0	<1.0	<1.5
	12/18/2025	<1.0	<1.0	<1.0	<2.0
MW30	9/8/2022	1,900	8,500	1,000	13,000
	3/9/2023	680	1,700	1,000	10,000
	5/2/2023	580	990	930	7,500
	8/30/2023	390	190	1,100	8,800
	11/29/2023	420	150	980	7,800
	2/16/2024	50	<50	85	570
	5/30/2024	760	200	1,200	9,600
	11/22/2024	460	30	990	5,400
	5/1/2025	No Sample Collected, PSH Present			
12/17/2025	No Sample Collected, PSH Present				
MW31	9/8/2022	<2.0	<2.0	<2.0	<4.0
	3/9/2023	<2.0	<2.0	<2.0	<4.0
	5/2/2023	<1.0	<1.0	<1.0	<2.0
	8/30/2023	<2.0	<2.0	<2.0	<4.0
	11/29/2023	<2.0	<2.0	<2.0	<3.0
	2/16/2024	<2.0	<2.0	<2.0	<3.0
	5/30/2024	<1.0	<1.0	<1.0	<1.5
	11/22/2024	<1.0	<1.0	<1.0	<1.5
	5/2/2025	<1.0	<1.0	<1.0	<1.5
	12/18/2025	<1.0	<1.0	<1.0	<2.0
MW32	9/8/2022	Well Dry			
	3/9/2023	<2.0	<2.0	<2.0	<4.0
	5/3/2023	<1.0	<1.0	<1.0	<2.0
	8/31/2023	<2.0	<2.0	<2.0	<4.0
	2/15/2024	Well Dry			
	5/30/2024	Well Dry			
	11/21/2024	Well Dry			
	5/1/2025	Well Dry			
	12/17/2025	Well Dry			
MW33	9/8/2022	3.7	19	4.4	38
	3/9/2023	4.8	<1.0	1.7	<2.0
	5/2/2023	9.7	<1.0	1.8	<2.0
	8/30/2023	<1.0	<1.0	<1.0	<2.0



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Hare 15 Hilcorp Energy Company San Juan County, New Mexico					
Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
MW33	12/4/2023	3.6	<1.0	<1.0	<1.5
	2/16/2024	2.1	<1.0	<1.0	<1.5
	5/31/2024	<1.0	<1.0	<1.0	<1.5
	11/22/2024	<1.0	<1.0	<1.0	<1.5
	5/2/2025	<1.0	<1.0	<1.0	<1.5
	12/18/2025	<1.0	<1.0	<1.0	<2.0
MW34	9/9/2022	<1.0	<1.0	<1.0	<2.0
	3/9/2023	<1.0	<1.0	<1.0	<2.0
	5/2/2023	<1.0	<1.0	<1.0	<2.0
	8/30/2023	<1.0	<1.0	<1.0	<2.0
	12/4/2023	<1.0	<1.0	<1.0	<1.5
	2/16/2024	<1.0	<1.0	<1.0	<1.5
	5/31/2024	<1.0	<1.0	<1.0	<1.5
	11/22/2024	<1.0	<1.0	<1.0	<1.5
	5/2/2025	<1.0	<1.0	<1.0	<1.5
12/18/2025	<1.0	<1.0	<1.0	<2.0	
MW35	9/9/2022	<1.0	<1.0	<1.0	<2.0
	3/9/2023	<1.0	<1.0	<1.0	<2.0
	5/2/2023	<1.0	<1.0	<1.0	<2.0
	8/30/2023	<1.0	<1.0	<1.0	<2.0
	12/4/2023	<1.0	<1.0	<1.0	<1.5
	2/16/2024	<1.0	<1.0	<1.0	<1.5
	5/31/2024	<1.0	<1.0	<1.0	<1.5
	11/22/2024	<1.0	<1.0	<1.0	<1.5
	5/2/2025	<1.0	<1.0	<1.0	<1.5
12/18/2025	<1.0	<1.0	<1.0	<2.0	
MW38	9/9/2022	<1.0	<1.0	<1.0	<2.0
	3/9/2023	Well Dry			
	5/2/2023	<1.0	<1.0	<1.0	<2.0
	8/30/2023	<1.0	<1.0	<1.0	<2.0
	11/29/2023	<1.0	<1.0	<1.0	<1.5
	2/16/2024	<1.0	<1.0	<1.0	<1.5
	5/30/2024	<1.0	<1.0	<1.0	<1.5
	11/22/2024	<1.0	<1.0	<1.0	<1.5
	5/2/2025	<1.0	<1.0	<1.0	<1.5
12/16/2025	<1.0	<1.0	<1.0	<2.0	



TABLE 7 GROUNDWATER ANALYTICAL RESULTS Hare 15 Hilcorp Energy Company San Juan County, New Mexico					
Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620

Notes:

µg/L: micrograms per liter

NMWQCC: New Mexico Water Quality Control Commission

PSH: phase separated hydrocarbons

Bold and highlighted: indicates value exceeds the NMWQCC Standard

<: indicates result is less than the stated laboratory reporting limit

P2 : The sample was received with pH>2



TABLE 8 PSH RECOVERY SUMMARY Hare 15 Hilcorp Energy Company San Juan, New Mexico			
Boring/Well Number	Date	Product Thickness (feet)	Product Recovered (ounces)
MW03	10/7/2020	2.76	128.00
	9/28/2021	0.14	1.75
	11/24/2021	0.16	1.00
	1/7/2022	0.11	2.00
	3/2/2022	0.07	19.00
	4/22/2022	0.08	24.00
	12/9/2022	0.10	2.00
	5/3/2023	0.12	2.00
	8/30/2023	---	21.00
	11/30/2023	---	8.50
	2/15/2024	0.03	7.00
	6/3/2024	0.01	<1
MW04A	9/30/2020	0.49	5.00
	10/2/2020	1.83	100.00
	10/7/2020	0.51	32.00
	9/28/2021	0.25	1.50
	11/24/2021	0.30	4.00
	1/7/2022	0.19	10.00
	3/2/2022	0.21	5.00
	4/22/2022	0.18	18.00
	12/9/2022	0.13	4.00
	5/3/2023	0.14	4.00
	8/30/2023	---	14.00
	11/30/2023	---	5.00
	2/15/2024	0.03	3.00
6/3/2024	0.02	3.00	
MW07	9/30/2020	0.67	32.00
	10/2/2020	0.49	5.00
	10/7/2020	0.53	16.00
	11/24/2021	0.04	0.50
	1/7/2022	Sheen	0.50
	3/2/2022	0.32	14.00
	4/22/2022	0.35	15.00
	12/9/2022	0.20	5.00
	5/3/2023	0.22	6.00
	8/30/2023	---	13.00
	11/30/2023	---	2.50
	5/31/2024	0.01	4.00



TABLE 8 PSH RECOVERY SUMMARY Hare 15 Hilcorp Energy Company San Juan, New Mexico			
Boring/Well Number	Date	Product Thickness (feet)	Product Recovered (ounces)
MW10	9/30/2020	1.02	64.00
	10/2/2020	0.45	4.00
	10/7/2020	0.59	16.00
	9/28/2021	0.28	6.00
	11/24/2021	0.21	4.00
	1/7/2022	0.08	1.00
	3/2/2022	0.02	13.00
	4/22/2022	ND	8.50
	12/9/2022	ND	0.00
	5/3/2023	Sheen	0.00
	8/30/2023	---	<1.00
11/30/2023	---	<1.00	
MW12	9/30/2020	0.38	5.00
	10/2/2020	0.36	3.00
MW11	2/15/2024	0.03	<1
MW13	9/28/2021	0.11	0.50
	11/24/2021	0.13	1.00
	1/7/2022	0.08	1.00
	3/2/2022	0.15	1.50
	4/22/2022	0.12	1.00
	12/9/2022	0.08	2.00
	5/3/2023	0.16	3.00
	8/30/2023	0.11	13.00
	11/30/2023	---	5.00
	2/15/2024	0.05	1.50
6/3/2024	0.01	<1	
MW15	9/28/2021	0.60	26.00
	1/7/2022	0.11	7.00
	3/2/2022	ND	8.50
	4/22/2022	ND	17.00
	12/9/2022	ND	0.00
	5/3/2023	Sheen	0.00
	11/30/2023	---	1.50
MW16	9/28/2021	0.53	50.00
	1/7/2022	0.41	20.00
	3/2/2022	0.41	29.50
	4/22/2022	0.37	54.00
	12/9/2022	0.39	6.00
	5/3/2023	0.37	6.00
	11/30/2023	---	0.25
	2/15/2024	0.32	24.50
6/3/2024	--*	33.00	

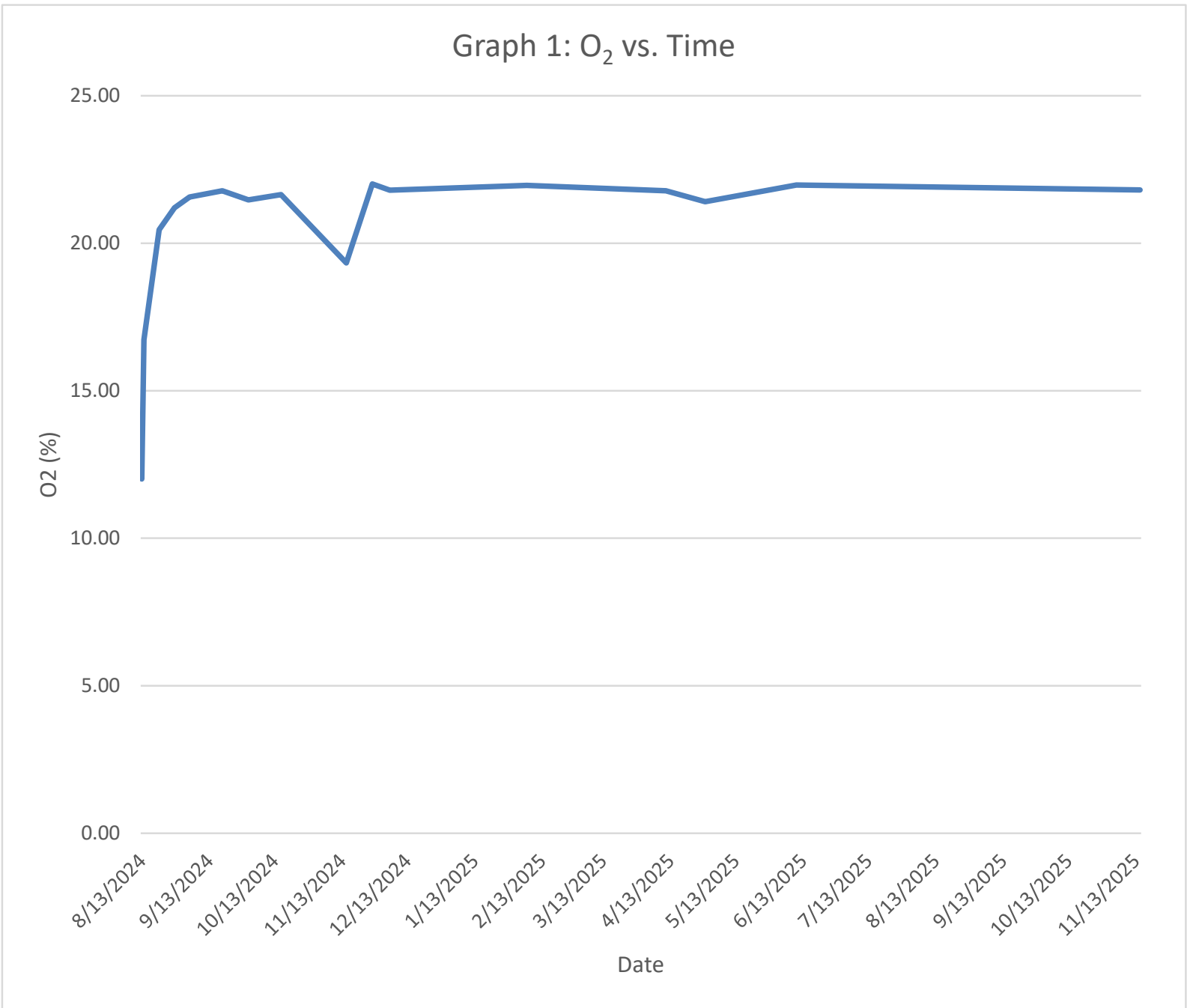


TABLE 8 PSH RECOVERY SUMMARY Hare 15 Hilcorp Energy Company San Juan, New Mexico			
Boring/Well Number	Date	Product Thickness (feet)	Product Recovered (ounces)
Total Recovered (gallons)			7.62

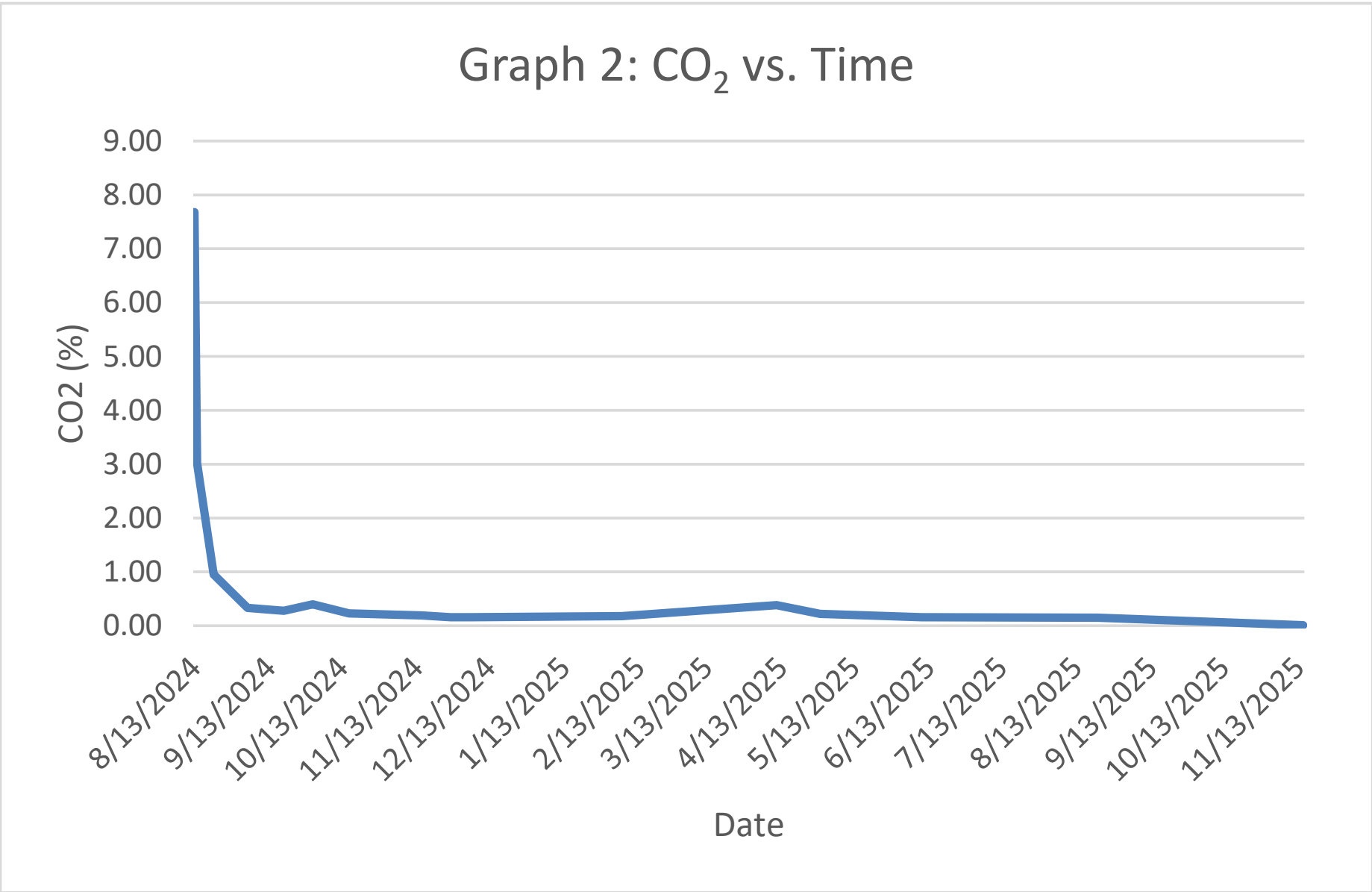
Notes:

ND: not detected

** : Product recovered during sampling but was not detected with probe.*



Graph 2: CO₂ vs. Time





APPENDIX A
O&M Field Notes

HARE 15 DPE SYSTEM
O&M FORM

DATE: 10-8
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

DPE ALARMS: KO TANK HIGH LEVEL

DPE SYSTEM	READING	TIME
Blower Hours (take photo)	9060.8	1301
Transfer Pump Hours	846.3	
Pre-Filter Vacuum (InHg)	14.75	
Post-Filter Vacuum (InHg)	13.5	
Differential Pressure (IWC)	0.1	
Exhaust Temperature	23.5	
Transfer Pump Pressure	0	
Transfer Pump Totalizer	3200.13	

SVE SYSTEM SAMPLING

SAMPLE ID:	SAMPLE TIME:		
PID (ppm) <u>20.7</u>	OXYGEN (%) <u>20.9</u>	CARBON DIOXIDE (%) <u>800</u>	
Analytes:	Sample Weekly through 9/12/24, biweekly through 11/12/24, bimonthly through 8/12/25 for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2)		
OPERATING WELLS			

Change in Well Operation:

WELLHEAD MEASUREMENTS

WELL ID	VACUUM (IWC)	DIFF PRESSURE (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01					
MW06					
MW08					
MW09					
MW10					
MW11					
MW13					
MW14					
MW15					
MW16					

MANIFOLD MEASUREMENTS

WELL ID	VACUUM (IHg)	FLOW (CFM)
MW01	17.25	18
MW06	0-100	14
MW08	13.25	60
MW09	17.5	24
MW10	16.5	72
MW11	10.75	76
MW13	18.0	10
MW14	16.0	65
MW15	14.25	70
MW16	16.5	34

COMMENTS/MAINTENANCE ISSUES

HARE 15 DPE SYSTEM
O&M FORM

DATE: 10-31
TIME ONSITE: _____

O&M PERSONNEL: D Sinclair
TIME OFFSITE: _____

DPE ALARMS: KO TANK HIGH LEVEL

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

DPE SYSTEM	READING	TIME
Blower Hours (photo)	9601.1	1423
Transfer Pump Hours (photo)	859.4	
Pre-Filter Vacuum (InHg)	12.0	
Post-Filter Vacuum (InHg)	11.0	
Differential Pressure (IWC)	0.175	
Exhaust Temperature	20.5	
Transfer Pump Pressure (PSI)	0	
Transfer Pump Totalizer (Gal, photo)		

NOTES:

Check filter for moisture	Condition:
Is replacement filter needed?	Condition:
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>20.6</u>	OXYGEN (%) <u>20.9</u>
Analytes: Sample bimonthly through 8/12/25 and then quarterly for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2)	CARBON DIOXIDE (%) <u>740</u>

OPERATING WELLS

Change in Well Operation:

MONTHLY O&M MEASUREMENT

WELLHEAD MEASUREMENTS

WELL ID	VACUUM (IWC)	DIFF PRESSURE (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01	9.0		8.3	20.9	20
MW06	0		-	-	-
MW08	12.75		5.7	20.9	440
MW09	5.25		9.1	20.9	480
MW10	8.5		5.8	20.8	180
MW11	10.0		20.2	20.9	320
MW13	12.0		7.3	20.6	280
MW14	3.5		25.7	20.9	620
MW15	11.5		69.6	20.9	1840
MW16	8.5		-	-	-

MANIFOLD MEASUREMENTS

WELL ID	VACUUM (IHg)	FLOW (CFM)
MW01	12.5	0-100
MW06	2.5	10
MW08	11.25	32
MW09	12.75	10
MW10	12.0	62
MW11	10.5	opaque
MW13	14.5	12
MW14	14.5	52
MW15	12.0	44
MW16	12.5	64

COMMENTS/MAINTENANCE ISSUES

HARE 15 DPE SYSTEM
O&M FORM

DATE: 11-15
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

DPE ALARMS: KO TANK HIGH LEVEL

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

DPE SYSTEM	READING	TIME
Blower Hours (photo)	9953.0	1409
Transfer Pump Hours (photo)	868.3	
Pre-Filter Vacuum (InHg)	12.75	
Post-Filter Vacuum (InHg)	11.5	
Differential Pressure (IWC)	0.20	
Exhaust Temperature	225	
Transfer Pump Pressure (PSI)	0	
Transfer Pump Totalizer (Gal, photo)	16887.29	

NOTES:

Check filter for moisture	Condition:
Is replacement filter needed?	Condition:
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: <u>SVE-1</u>	SAMPLE TIME:
PID (ppm) <u>95.4</u>	OXYGEN (%)
Analytes: Sample bimonthly through 8/12/25 and then quarterly for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2)	CARBON DIOXIDE (%)
OPERATING WELLS	

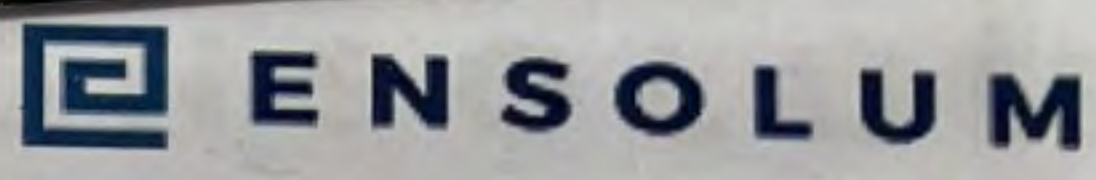
Change in Well Operation:

MONTHLY O&M MEASUREMENT

WELL ID	VACUUM (IWC)	DIFF PRESSURE (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01					
MW06					
MW08					
MW09					
MW10					
MW11					
MW13					
MW14					
MW15					
MW16					

WELL ID	VACUUM (IHg)	FLOW (CFM)
MW01		
MW06		
MW08		
MW09		
MW10		
MW11		
MW13		
MW14		
MW15		
MW16		

COMMENTS/MAINTENANCE ISSUES



HARE 15 DPE SYSTEM
O&M FORM

DATE: 11-28
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

DPE ALARMS: KO TANK HIGH LEVEL

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

DPE SYSTEM	READING	TIME
Blower Hours (photo)	10257.5	1404
Transfer Pump Hours (photo)	875.7	
Pre-Filter Vacuum (InHg)	12.75	
Post-Filter Vacuum (InHg)	11.5	
Differential Pressure (IWC)	1.5	
Exhaust Temperature	225	
Transfer Pump Pressure (PSI)	0	
Transfer Pump Totalizer (Gal, photo)	21349.97	

NOTES:

Check filter for moisture	Condition:
Is replacement filter needed?	Condition:
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>26.5</u>	OXYGEN (%) <u>20.9</u>	CARBON DIOXIDE (%) <u>960</u>
Analytes: Sample bimonthly through 8/12/25 and then quarterly for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2)		
OPERATING WELLS		
Change in Well Operation:		

MONTHLY O&M MEASUREMENT

WELL ID	VACUUM (InHg)	DIFF. PRESSURE (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01	10.0		32.3	20.9	1080
MW06	-		-	-	-
MW08	9.5		28.6	20.9	1040
MW09	8.0		-	-	-
MW10	5.5		-	-	-
MW11	12.5		-	-	-
MW13	4.5		65.2	20.9	60
MW14	4.5		73.5	20.9	820
MW15	11.0		297.4	20.9	2520
MW16	7.0		-	-	-

MANIFOLD MEASUREMENTS

WELL ID	VACUUM (InHg)	FLOW (CFM)
MW01	12.5	14
MW06	2.5	opaque
MW08	11.5	0-60
MW09	13.0	12
MW10	12.0	62
MW11	12.0	28
MW13	14.5	10
MW14	15.0	48
MW15	13.0	36
MW16	12.5	54

COMMENTS/MAINTENANCE ISSUES

MW13 irrigation box run over by vehicle

MW09 too much water in line to get reading

HARE 16 DPE SYSTEM
O&M FORM

DATE: 12/2/23
TIME ONSITE: 1000

O&M PERSONNEL: Arnell
TIME OFFSITE: 1530

System Running Upon Arrival (Y/N)? (Y)

DPE ALARMS: KO TANK HIGH LEVEL 84

DPE SYSTEM	READING	TIME			
Blower Hours (take photo)	10350.3		Motor Running	60.00 Hz	21.5 Amps
Transfer Pump Hours	877.9		Fresh Air Bypass Percent Open?	2 turns open	
Pre-Filter Vacuum (InHg)	8.5		Vacuum Relief Valve Pulling?	(Y/N)	
Post-Filter Vacuum (InHg)	10.0		Post Air Filter Vacuum (InHg)	10.0	
Differential Pressure (IWC)	NA		Exhaust Pressure (IWC)	24 inHg	
Exhaust Temperature	160°F		Exhaust Flow Diff. Pressure (IWC)	24 inHg	
Transfer Pump Pressure	NA		Exhaust Flow on Chart (SCFM)	175	
Transfer Pump Totalizer	22682.39		Exhaust PID (ppm)	187.8	

SVE SYSTEM SAMPLING

SAMPLE ID:	SAMPLE TIME:	
PID (ppm) <u>27.8</u>	OXYGEN (%)	CARBON DIOXIDE (%)
Analytes: Sample Weekly through 9/12/24, biweekly through 11/12/24, bimonthly through 8/12/25 for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2)		
OPERATING WELLS		

Change in Well Operation:

WELLHEAD MEASUREMENTS

WELL ID	VACUUM (IWC)	PID HEADSPACE (PPM)	OXYGEN (vol %)	CARBON DIOXIDE (vol %)	CH4 (vol %)
MW01	10.0	1.8			
MW06	0.0	1.3			
MW08	9.0	0.7			
MW09	8.5	0.8			
MW10	4.0	6.2			
MW11	12.0	18.2			
MW13	5.0	1.2			
MW14	5.0	2.7			
MW15	5.0	7.0			
MW16	7.5	18.9			

MANIFOLD MEASUREMENTS

WELL ID (Liquids Y/N?)	VACUUM (IHC)	FLOW (CFM)
MW01 Yes	9.5	30-50
MW06 Yes	10.0	40
MW08 Yes	9.0	45
MW09 Yes	10.0	40-60
MW10 No	8.5	50
MW11 Light	9.0	30
MW13 Yes	11.0	20
MW14 Light	11.5	60
MW15 No	8.5	30
MW16 Yes	9.5	60

COMMENTS/MAINTENANCE ISSUES

Flushed lines x2 from well heads
 Signs of leak/some release of MW06 into manifold
 Cleared and repaired rotameter. MW08 was disconnected
 Pallet and cleaned rotameters. Cleared float tube,
 Ko tank, drain valve filter. Removed 25 gallons from
 Ko tank. Yellow cap on Ko tank leaking, layered
 crack w/ pvc cement
 Large spiders web in corner behind Ko tank

MW08 DISCO on manifold
 MW06 DISCO on manifold, Release. Cracked e joint



HARE 15 DPE SYSTEM
O&M FORM

DATE: 12-15
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

DPE ALARMS: KO TANK HIGH LEVEL

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

DPE SYSTEM	READING	TIME
Blower Hours (photo)	10634.5	1056
Transfer Pump Hours (photo)	896.8	
Pre-Filter Vacuum (InHg)	12.0	
Post-Filter Vacuum (InHg)	11.0	
Differential Pressure (IWC)	0.275	
Exhaust Temperature	245	
Transfer Pump Pressure (PSI)	0	
Transfer Pump Totalizer (Gal, photo)	26485.93	

NOTES:
System shut down to
sample GW on 12-17

Check filter for moisture	Condition:
Is replacement filter needed?	Condition:
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) 37.2 OXYGEN (%) 20.9 CARBON DIOXIDE (%) 800
Analytes: Sample bimonthly through 8/12/25 and then quarterly for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2)

OPERATING WELLS

Change in Well Operation: _____

MONTHLY O&M MEASUREMENT

WELLHEAD MEASUREMENTS

WELL ID	VACUUM (IWC)	DIFF PRESSURE (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01					
MW06					
MW08					
MW09					
MW10					
MW11					
MW13					
MW14					
MW15					
MW16					

MANIFOLD MEASUREMENTS

WELL ID	VACUUM (IHg)	FLOW (CFM)
MW01		
MW06		
MW08		
MW09		
MW10		
MW11		
MW13		
MW14		
MW15		
MW16		

COMMENTS/MAINTENANCE ISSUES

HARE 15 DPE SYSTEM
O&M FORM

DATE: 12-30
TIME ONSITE: _____

O&M PERSONNEL: B Sinclair
TIME OFFSITE: _____

DPE ALARMS: KO TANK HIGH LEVEL

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

DPE SYSTEM	READING	TIME
Blower Hours (photo)	10928.3	1104
Transfer Pump Hours (photo)	911.9	
Pre-Filter Vacuum (InHg)	12.0	
Post-Filter Vacuum (InHg)	11.75	
Differential Pressure (IWC)	0.25	
Exhaust Temperature	235	
Transfer Pump Pressure (PSI)		
Transfer Pump Totalizer (Gal, photo)	30729.93	

NOTES:
MW-13 well crushed by vehicle, valve closed at well.

Check filter for moisture	Condition:
Is replacement filter needed?	Condition:
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>30.1</u>	OXYGEN (%) <u>20.9</u>	CARBON DIOXIDE (%) <u>720</u>
Analytes: Sample bimonthly through 8/12/25 and then quarterly for TVPH (8015), BTEX (8260), Fixed Gas (CO2 AND O2)		

OPERATING WELLS

Change in Well Operation:	
---------------------------	--

MONTHLY O&M MEASUREMENT

WELL ID	VACUUM (InHg)	DIFF PRESSURE (IWC)	PID HEADSPACE (PPM)	OXYGEN (%)	CARBON DIOXIDE (%)
MW01	10.5		29.7	20.9	800
MW06	-		-	-	-
MW08	9.5		33.1	20.9	1380
MW09	7.0		-	-	-
MW10	5.25		-	-	-
MW11	12.0		-	-	-
MW13	4.5		58.1	20.9	80
MW14	4.75		77.9	20.9	560
MW15	11.5		258.3	20.9	1980
MW16	6.5		-	-	-

MANIFOLD MEASUREMENTS



WELL ID	VACUUM (InHg)	FLOW (CFM)
MW01	12.0	10
MW06	11.75	4
MW08	11.0	340
MW09	12.5	10
MW10	10.75	66
MW11	12.5	32
MW13	19.0	14
MW14	14.5	42
MW15	12.5	48
MW16	12.25	62

COMMENTS/MAINTENANCE ISSUES





APPENDIX B
Project Photographs

PROJECT PHOTOGRAPHS
Hare 15
San Juan County, New Mexico
Hilcorp Energy Company

<p>Photograph 1</p> <p>Runtime meter taken on September 29, 2025 at 1:59 PM Hours = 8,857.7</p>			
<p>Photograph 2</p> <p>Runtime meter taken on December 30, 2025 at 12:30 PM Hours = 10,928.3</p>			

PROJECT PHOTOGRAPHS
Hare 15
San Juan County, New Mexico
Hilcorp Energy Company

<p>Photograph 3</p> <p>Runtime meter taken on September 29, 2025 at 2:02 PM Gallons = 961.14</p>	 <p>DIRECTION 255 deg(T) 36,74930°N 107.87750°W ACCURACY 5 m DATUM WGS84</p> <p>2025-09-29 14:02:04-06:00</p>
<p>Photograph 4</p> <p>Runtime meter taken on December 30, 2025 at 11:09 AM Gallons = 30,729.93</p>	 <p>DIRECTION 154 deg(T) 36,74927°N 107.87749°W ACCURACY 5 m DATUM WGS84</p> <p>2025-12-30 11:09:15-07:00</p>



APPENDIX C

DPE Laboratory Analytical Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/4/2025 2:38:08 PM

JOB DESCRIPTION

Hare 1S

JOB NUMBER

885-37913-1

Eurofins Albuquerque
 4901 Hawkins NE
 Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

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

Authorization



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Authorized for release by
Michelle Garcia, Project Manager
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(505)345-3975

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Client: Hilcorp Energy
Project/Site: Hare 1S

Laboratory Job ID: 885-37913-1

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Definitions/Glossary

Client: Hilcorp Energy
Project/Site: Hare 1S

Job ID: 885-37913-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

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: Hare 1S

Job ID: 885-37913-1

Job ID: 885-37913-1

Eurofins Albuquerque

Job Narrative 885-37913-1

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

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

Receipt

The sample was received on 11/18/2025 6:10 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

Subcontract Work

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

GC/MS VOA

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

Gasoline Range Organics

Method 8015D_GRO: Surrogate recovery for the following sample was outside control limits: SVE-1 (885-37913-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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: Hare 1S

Job ID: 885-37913-1

Client Sample ID: SVE-1

Lab Sample ID: 885-37913-1

Date Collected: 11/15/25 14:30

Matrix: Air

Date Received: 11/18/25 06:10

Sample Container: Tedlar Bag 1L

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			11/26/25 15:23	5
1,1,1-Trichloroethane	ND		0.50	ug/L			11/26/25 15:23	5
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			11/26/25 15:23	5
1,1,2-Trichloroethane	ND		0.50	ug/L			11/26/25 15:23	5
1,1-Dichloroethane	ND		0.50	ug/L			11/26/25 15:23	5
1,1-Dichloroethene	ND		0.50	ug/L			11/26/25 15:23	5
1,1-Dichloropropene	ND		0.50	ug/L			11/26/25 15:23	5
1,2,3-Trichlorobenzene	ND		0.50	ug/L			11/26/25 15:23	5
1,2,3-Trichloropropane	ND		1.0	ug/L			11/26/25 15:23	5
1,2,4-Trichlorobenzene	ND		0.50	ug/L			11/26/25 15:23	5
1,2,4-Trimethylbenzene	ND		0.50	ug/L			11/26/25 15:23	5
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			11/26/25 15:23	5
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			11/26/25 15:23	5
1,2-Dichlorobenzene	ND		0.50	ug/L			11/26/25 15:23	5
1,2-Dichloroethane (EDC)	ND		0.50	ug/L			11/26/25 15:23	5
1,2-Dichloropropane	ND		0.50	ug/L			11/26/25 15:23	5
1,3,5-Trimethylbenzene	ND		0.50	ug/L			11/26/25 15:23	5
1,3-Dichlorobenzene	ND		0.50	ug/L			11/26/25 15:23	5
1,3-Dichloropropane	ND		0.50	ug/L			11/26/25 15:23	5
1,4-Dichlorobenzene	ND		0.50	ug/L			11/26/25 15:23	5
1-Methylnaphthalene	ND		2.0	ug/L			11/26/25 15:23	5
2,2-Dichloropropane	ND		1.0	ug/L			11/26/25 15:23	5
2-Butanone	ND		5.0	ug/L			11/26/25 15:23	5
2-Chlorotoluene	ND		0.50	ug/L			11/26/25 15:23	5
2-Hexanone	ND		5.0	ug/L			11/26/25 15:23	5
2-Methylnaphthalene	ND		2.0	ug/L			11/26/25 15:23	5
4-Chlorotoluene	ND		0.50	ug/L			11/26/25 15:23	5
4-Isopropyltoluene	ND		0.50	ug/L			11/26/25 15:23	5
4-Methyl-2-pentanone	ND		5.0	ug/L			11/26/25 15:23	5
Acetone	ND		5.0	ug/L			11/26/25 15:23	5
Benzene	0.76		0.50	ug/L			11/26/25 15:23	5
Bromobenzene	ND		0.50	ug/L			11/26/25 15:23	5
Bromodichloromethane	ND		0.50	ug/L			11/26/25 15:23	5
Dibromochloromethane	ND		0.50	ug/L			11/26/25 15:23	5
Bromoform	ND		0.50	ug/L			11/26/25 15:23	5
Bromomethane	ND		1.5	ug/L			11/26/25 15:23	5
Carbon disulfide	ND		5.0	ug/L			11/26/25 15:23	5
Carbon tetrachloride	ND		0.50	ug/L			11/26/25 15:23	5
Chlorobenzene	ND		0.50	ug/L			11/26/25 15:23	5
Chloroethane	ND		1.0	ug/L			11/26/25 15:23	5
Chloroform	ND		0.50	ug/L			11/26/25 15:23	5
Chloromethane	ND		1.5	ug/L			11/26/25 15:23	5
cis-1,2-Dichloroethene	ND		0.50	ug/L			11/26/25 15:23	5
cis-1,3-Dichloropropene	ND		0.50	ug/L			11/26/25 15:23	5
Dibromomethane	ND		0.50	ug/L			11/26/25 15:23	5
Dichlorodifluoromethane	ND		0.50	ug/L			11/26/25 15:23	5
Ethylbenzene	ND		0.50	ug/L			11/26/25 15:23	5
Hexachlorobutadiene	ND		0.50	ug/L			11/26/25 15:23	5

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 1S

Job ID: 885-37913-1

Client Sample ID: SVE-1

Lab Sample ID: 885-37913-1

Date Collected: 11/15/25 14:30

Matrix: Air

Date Received: 11/18/25 06:10

Sample Container: Tedlar Bag 1L

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.50	ug/L			11/26/25 15:23	5
Methyl-tert-butyl Ether (MTBE)	ND		0.50	ug/L			11/26/25 15:23	5
Methylene Chloride	ND		1.3	ug/L			11/26/25 15:23	5
n-Butylbenzene	ND		1.5	ug/L			11/26/25 15:23	5
N-Propylbenzene	ND		0.50	ug/L			11/26/25 15:23	5
Naphthalene	ND		1.0	ug/L			11/26/25 15:23	5
sec-Butylbenzene	ND		0.50	ug/L			11/26/25 15:23	5
Styrene	ND		0.50	ug/L			11/26/25 15:23	5
tert-Butylbenzene	ND		0.50	ug/L			11/26/25 15:23	5
Tetrachloroethene (PCE)	ND		0.50	ug/L			11/26/25 15:23	5
Toluene	3.5		0.50	ug/L			11/26/25 15:23	5
trans-1,2-Dichloroethene	ND		0.50	ug/L			11/26/25 15:23	5
trans-1,3-Dichloropropene	ND		0.50	ug/L			11/26/25 15:23	5
Trichloroethene (TCE)	ND		0.50	ug/L			11/26/25 15:23	5
Trichlorofluoromethane	ND		0.50	ug/L			11/26/25 15:23	5
Vinyl chloride	ND		0.50	ug/L			11/26/25 15:23	5
Xylenes, Total	6.8		0.75	ug/L			11/26/25 15:23	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 130		11/26/25 15:23	5
Toluene-d8 (Surr)	116		70 - 130		11/26/25 15:23	5
4-Bromofluorobenzene (Surr)	105		70 - 130		11/26/25 15:23	5
Dibromofluoromethane (Surr)	100		70 - 130		11/26/25 15:23	5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	890		25	ug/L			11/21/25 13:26	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	15 - 150		11/21/25 13:26	5

QC Sample Results

Client: Hilcorp Energy
Project/Site: Hare 1S

Job ID: 885-37913-1

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

Lab Sample ID: MB 885-39109/5

Matrix: Air

Analysis Batch: 39109

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.10	ug/L			11/26/25 14:55	1
1,1,1-Trichloroethane	ND		0.10	ug/L			11/26/25 14:55	1
1,1,2,2-Tetrachloroethane	ND		0.20	ug/L			11/26/25 14:55	1
1,1,2-Trichloroethane	ND		0.10	ug/L			11/26/25 14:55	1
1,1-Dichloroethane	ND		0.10	ug/L			11/26/25 14:55	1
1,1-Dichloroethene	ND		0.10	ug/L			11/26/25 14:55	1
1,1-Dichloropropene	ND		0.10	ug/L			11/26/25 14:55	1
1,2,3-Trichlorobenzene	ND		0.10	ug/L			11/26/25 14:55	1
1,2,3-Trichloropropane	ND		0.20	ug/L			11/26/25 14:55	1
1,2,4-Trichlorobenzene	ND		0.10	ug/L			11/26/25 14:55	1
1,2,4-Trimethylbenzene	ND		0.10	ug/L			11/26/25 14:55	1
1,2-Dibromo-3-Chloropropane	ND		0.20	ug/L			11/26/25 14:55	1
1,2-Dibromoethane (EDB)	ND		0.10	ug/L			11/26/25 14:55	1
1,2-Dichlorobenzene	ND		0.10	ug/L			11/26/25 14:55	1
1,2-Dichloroethane (EDC)	ND		0.10	ug/L			11/26/25 14:55	1
1,2-Dichloropropane	ND		0.10	ug/L			11/26/25 14:55	1
1,3,5-Trimethylbenzene	ND		0.10	ug/L			11/26/25 14:55	1
1,3-Dichlorobenzene	ND		0.10	ug/L			11/26/25 14:55	1
1,3-Dichloropropane	ND		0.10	ug/L			11/26/25 14:55	1
1,4-Dichlorobenzene	ND		0.10	ug/L			11/26/25 14:55	1
1-Methylnaphthalene	ND		0.40	ug/L			11/26/25 14:55	1
2,2-Dichloropropane	ND		0.20	ug/L			11/26/25 14:55	1
2-Butanone	ND		1.0	ug/L			11/26/25 14:55	1
2-Chlorotoluene	ND		0.10	ug/L			11/26/25 14:55	1
2-Hexanone	ND		1.0	ug/L			11/26/25 14:55	1
2-Methylnaphthalene	ND		0.40	ug/L			11/26/25 14:55	1
4-Chlorotoluene	ND		0.10	ug/L			11/26/25 14:55	1
4-Isopropyltoluene	ND		0.10	ug/L			11/26/25 14:55	1
4-Methyl-2-pentanone	ND		1.0	ug/L			11/26/25 14:55	1
Acetone	ND		1.0	ug/L			11/26/25 14:55	1
Benzene	ND		0.10	ug/L			11/26/25 14:55	1
Bromobenzene	ND		0.10	ug/L			11/26/25 14:55	1
Bromodichloromethane	ND		0.10	ug/L			11/26/25 14:55	1
Dibromochloromethane	ND		0.10	ug/L			11/26/25 14:55	1
Bromoform	ND		0.10	ug/L			11/26/25 14:55	1
Bromomethane	ND		0.30	ug/L			11/26/25 14:55	1
Carbon disulfide	ND		1.0	ug/L			11/26/25 14:55	1
Carbon tetrachloride	ND		0.10	ug/L			11/26/25 14:55	1
Chlorobenzene	ND		0.10	ug/L			11/26/25 14:55	1
Chloroethane	ND		0.20	ug/L			11/26/25 14:55	1
Chloroform	ND		0.10	ug/L			11/26/25 14:55	1
Chloromethane	ND		0.30	ug/L			11/26/25 14:55	1
cis-1,2-Dichloroethene	ND		0.10	ug/L			11/26/25 14:55	1
cis-1,3-Dichloropropene	ND		0.10	ug/L			11/26/25 14:55	1
Dibromomethane	ND		0.10	ug/L			11/26/25 14:55	1
Dichlorodifluoromethane	ND		0.10	ug/L			11/26/25 14:55	1
Ethylbenzene	ND		0.10	ug/L			11/26/25 14:55	1
Hexachlorobutadiene	ND		0.10	ug/L			11/26/25 14:55	1

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: Hare 1S

Job ID: 885-37913-1

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

Lab Sample ID: MB 885-39109/5

Client Sample ID: Method Blank

Matrix: Air

Prep Type: Total/NA

Analysis Batch: 39109

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Isopropylbenzene	ND		0.10	ug/L			11/26/25 14:55	1
Methyl-tert-butyl Ether (MTBE)	ND		0.10	ug/L			11/26/25 14:55	1
Methylene Chloride	ND		0.25	ug/L			11/26/25 14:55	1
n-Butylbenzene	ND		0.30	ug/L			11/26/25 14:55	1
N-Propylbenzene	ND		0.10	ug/L			11/26/25 14:55	1
Naphthalene	ND		0.20	ug/L			11/26/25 14:55	1
sec-Butylbenzene	ND		0.10	ug/L			11/26/25 14:55	1
Styrene	ND		0.10	ug/L			11/26/25 14:55	1
tert-Butylbenzene	ND		0.10	ug/L			11/26/25 14:55	1
Tetrachloroethene (PCE)	ND		0.10	ug/L			11/26/25 14:55	1
Toluene	ND		0.10	ug/L			11/26/25 14:55	1
trans-1,2-Dichloroethene	ND		0.10	ug/L			11/26/25 14:55	1
trans-1,3-Dichloropropene	ND		0.10	ug/L			11/26/25 14:55	1
Trichloroethene (TCE)	ND		0.10	ug/L			11/26/25 14:55	1
Trichlorofluoromethane	ND		0.10	ug/L			11/26/25 14:55	1
Vinyl chloride	ND		0.10	ug/L			11/26/25 14:55	1
Xylenes, Total	ND		0.15	ug/L			11/26/25 14:55	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		70 - 130		11/26/25 14:55	1
Toluene-d8 (Surr)	118		70 - 130		11/26/25 14:55	1
4-Bromofluorobenzene (Surr)	105		70 - 130		11/26/25 14:55	1
Dibromofluoromethane (Surr)	103		70 - 130		11/26/25 14:55	1

Lab Sample ID: LCS 885-39109/4

Client Sample ID: Lab Control Sample

Matrix: Air

Prep Type: Total/NA

Analysis Batch: 39109

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	19.1		ug/L		95	70 - 130
Chlorobenzene	20.0	22.3		ug/L		111	70 - 130
Toluene	20.0	23.0		ug/L		115	70 - 130
Trichloroethene (TCE)	20.0	21.0		ug/L		105	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		70 - 130
Toluene-d8 (Surr)	115		70 - 130
4-Bromofluorobenzene (Surr)	104		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 1S

Job ID: 885-37913-1

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

Lab Sample ID: MB 885-38864/6
 Matrix: Air
 Analysis Batch: 38864

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	ug/L			11/21/25 11:59	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		15 - 150				11/21/25 11:59	1

Lab Sample ID: LCS 885-38864/5
 Matrix: Air
 Analysis Batch: 38864

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	47.0		ug/L		94	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	211		15 - 150				

QC Association Summary

Client: Hilcorp Energy
Project/Site: Hare 1S

Job ID: 885-37913-1

GC/MS VOA

Analysis Batch: 39109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37913-1	SVE-1	Total/NA	Air	8260B	
MB 885-39109/5	Method Blank	Total/NA	Air	8260B	
LCS 885-39109/4	Lab Control Sample	Total/NA	Air	8260B	

GC VOA

Analysis Batch: 38864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-37913-1	SVE-1	Total/NA	Air	8015D	
MB 885-38864/6	Method Blank	Total/NA	Air	8015D	
LCS 885-38864/5	Lab Control Sample	Total/NA	Air	8015D	



Lab Chronicle

Client: Hilcorp Energy
Project/Site: Hare 1S

Job ID: 885-37913-1

Client Sample ID: SVE-1

Lab Sample ID: 885-37913-1

Date Collected: 11/15/25 14:30

Matrix: Air

Date Received: 11/18/25 06:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		5	39109	ES	EET ALB	11/26/25 15:23
Total/NA	Analysis	8015D		5	38864	AT	EET ALB	11/21/25 13:26

Laboratory References:

= , 1120 South 27th Street, Billings, MT 59101, TEL (406)252-6325

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



Accreditation/Certification Summary

Client: Hilcorp Energy
 Project/Site: Hare 1S

Job ID: 885-37913-1

Laboratory: Eurofins Albuquerque

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

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

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

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy
 Project/Site: Hare 1S

Job ID: 885-37913-1

Laboratory: Eurofins Albuquerque (Continued)

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

Authority	Program	Identification Number	Expiration Date
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260B		Air	Dibromomethane
8260B		Air	Dichlorodifluoromethane
8260B		Air	Ethylbenzene
8260B		Air	Hexachlorobutadiene
8260B		Air	Isopropylbenzene
8260B		Air	Methylene Chloride
8260B		Air	Methyl-tert-butyl Ether (MTBE)
8260B		Air	Naphthalene
8260B		Air	n-Butylbenzene
8260B		Air	N-Propylbenzene
8260B		Air	sec-Butylbenzene
8260B		Air	Styrene
8260B		Air	tert-Butylbenzene
8260B		Air	Tetrachloroethene (PCE)
8260B		Air	Toluene
8260B		Air	trans-1,2-Dichloroethene
8260B		Air	trans-1,3-Dichloropropene
8260B		Air	Trichloroethene (TCE)
8260B		Air	Trichlorofluoromethane
8260B		Air	Vinyl chloride
8260B		Air	Xylenes, Total
Oregon	NELAP	NM100001	02-25-26

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

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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy
 Project/Site: Hare 1S

Job ID: 885-37913-1

Laboratory: Eurofins Albuquerque (Continued)

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

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



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ANALYTICAL SUMMARY REPORT

November 25, 2025

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

Work Order: B25111637 Quote ID: B15626

Project Name: 88501698, Hare 1S

Energy Laboratories Inc Billings MT received the following 1 sample for Eurofins TestAmerica - Albuquerque on 11/20/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B25111637-001	SVE-1 (885-37913-1)	11/15/25 14:30	11/20/25	Air	Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60

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

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

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

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





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Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Eurofins TestAmerica - Albuquerque
Project: 88501698, Hare 1S
Lab ID: B25111637-001
Client Sample ID: SVE-1 (885-37913-1)

Report Date: 11/25/25
Collection Date: 11/15/25 14:30
Date Received: 11/20/25
Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
GAS CHROMATOGRAPHY ANALYSIS REPORT							
Oxygen	21.81	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
Nitrogen	78.06	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
Carbon Dioxide	<0.01	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
Hydrogen Sulfide	<0.01	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
Methane	<0.01	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
Ethane	<0.01	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
Propane	<0.01	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
Isobutane	0.12	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
n-Butane	<0.01	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
Isopentane	<0.01	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
n-Pentane	<0.01	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
Hexanes plus	0.01	Mol %		0.01		GPA 2261-13	11/21/25 10:06 / jrj
Propane	< 0.001	gpm		0.001		GPA 2261-13	11/21/25 10:06 / jrj
Isobutane	0.039	gpm		0.001		GPA 2261-13	11/21/25 10:06 / jrj
n-Butane	< 0.001	gpm		0.001		GPA 2261-13	11/21/25 10:06 / jrj
Isopentane	< 0.001	gpm		0.001		GPA 2261-13	11/21/25 10:06 / jrj
n-Pentane	< 0.001	gpm		0.001		GPA 2261-13	11/21/25 10:06 / jrj
Hexanes plus	0.004	gpm		0.001		GPA 2261-13	11/21/25 10:06 / jrj
GPM Total	0.043	gpm		0.001		GPA 2261-13	11/21/25 10:06 / jrj
GPM Pentanes plus	0.004	gpm		0.001		GPA 2261-13	11/21/25 10:06 / jrj

CALCULATED PROPERTIES

Gross BTU per cu ft @ Std Cond. (HHV)	4			1		GPA 2261-13	11/21/25 10:06 / jrj
Net BTU per cu ft @ std cond. (LHV)	4			1		GPA 2261-13	11/21/25 10:06 / jrj
Pseudo-critical Pressure, psia	545			1		GPA 2261-13	11/21/25 10:06 / jrj
Pseudo-critical Temperature, deg R	239			1		GPA 2261-13	11/21/25 10:06 / jrj
Specific Gravity @ 60/60F	0.999			0.001		D3588-17	11/21/25 10:06 / jrj
Air, %	99.65			0.01		GPA 2261-13	11/21/25 10:06 / jrj

- The analysis was not corrected for air contamination.

COMMENTS

- 11/21/25 10:06 / jrj

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

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

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



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Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25111637

Report Date: 11/25/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: GPA 2261-13								Batch: R454215		
Lab ID: B25111724-002ADUP	12 Sample Duplicate				Run: GC7890_251121A			11/21/25 15:06		
Oxygen		22.0	Mol %	0.01				0.0	20	
Nitrogen		77.9	Mol %	0.01				0	20	
Carbon Dioxide		0.12	Mol %	0.01				0.0	20	
Hydrogen Sulfide		<0.01	Mol %	0.01					20	
Methane		<0.01	Mol %	0.01					20	
Ethane		<0.01	Mol %	0.01					20	
Propane		<0.01	Mol %	0.01					20	
Isobutane		<0.01	Mol %	0.01					20	
n-Butane		<0.01	Mol %	0.01					20	
Isopentane		<0.01	Mol %	0.01					20	
n-Pentane		<0.01	Mol %	0.01					20	
Hexanes plus		0.06	Mol %	0.01				18	20	
Lab ID: LCS112125								11/21/25 16:46		
11 Laboratory Control Sample				Run: GC7890_251121A						
Oxygen		0.64	Mol %	0.01	130	70	130			
Nitrogen		6.30	Mol %	0.01	107	70	130			
Carbon Dioxide		0.96	Mol %	0.01	96	70	130			
Methane		76.2	Mol %	0.01	100	70	130			
Ethane		6.01	Mol %	0.01	99	70	130			
Propane		5.03	Mol %	0.01	101	70	130			
Isobutane		1.71	Mol %	0.01	86	70	130			
n-Butane		1.98	Mol %	0.01	99	70	130			
Isopentane		0.49	Mol %	0.01	98	70	130			
n-Pentane		0.49	Mol %	0.01	98	70	130			
Hexanes plus		0.19	Mol %	0.01	92	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



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Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

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Work Order Receipt Checklist

Euofins TestAmerica - Albuquerque

B25111637

Login completed by: Leslie S. Cadreau

Date Received: 11/20/2025

Reviewed by: darcy

Received by: DNL

Reviewed Date: 11/20/2025

Carrier name: FedEx NDA

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all shipping container(s)/cooler(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Not Applicable <input type="checkbox"/>
Container/Temp Blank temperature:	9.0°C No Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input checked="" type="checkbox"/>

Standard Reporting Procedures:

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

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

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

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

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

Contact and Corrective Action Comments:

None



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Laboratory Certifications and Accreditations

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

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

Eurofins Albuquerque

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Garcia, Michelle	Carrier Tracking No(s): N/A	COC No: 885-7496-1
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: michelle.garcia@eurofins.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Energy Laboratories, Inc.		Address: 1120 South 27th Street		Job #: 885-37913-1	Preservation Codes:
City: Billings		State, Zip: MT, 59101		Accreditations Required (See note): NELAP - Oregon, State - New Mexico	
Phone: 406-252-6325 (Tel)		PO #: N/A		Analysis Requested:	
Email: N/A		WO #: N/A		TAT Requested (days): N/A	
Project Name: Hare 1S		Project #: 88501688		Due Date Requested: 11/25/2025	
Site: N/A		SSOW#: N/A		Matrix (Number, Swab, On-wastewater, BT-Tissue, A-air)	
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Preservation Code
SVE-1 (885-37913-1)	11/15/25	14:30 Mountain	G	Air	
Perform MS/MSD (Yes or No)		Field Filtered Sample (Yes or No)		SUB - Subcontract - Fixed Gases	
				X	
Total Number of Containers				Special Instructions/Note:	
1				See Attached Instructions B25 11637	

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

Possible Hazard Identification
Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:
 Return To Client Disposal By Lab Archive For _____ Months

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by: <i>[Signature]</i>
Relinquished by:	Date/Time:	Company:	Received by: <i>[Signature]</i>

Custody Seals Intact: Yes No Custody Seal No.: *112635 1010*

Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024



ICOC No:
885-7496

Containers

Count Container Type
1 Tedlar Bag 1L

Preservative
None

Subcontract Method Instructions

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

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Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-37913-1

Login Number: 37913

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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



APPENDIX D

Groundwater Laboratory Analytical Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/7/2026 1:52:49 PM

JOB DESCRIPTION

Hare 15

JOB NUMBER

885-40011-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

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

Authorization



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1/7/2026 1:52:49 PM

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

Client: Hilcorp Energy
Project/Site: Hare 15

Laboratory Job ID: 885-40011-1

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Definitions/Glossary

Client: Hilcorp Energy
Project/Site: Hare 15

Job ID: 885-40011-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

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: Hare 15

Job ID: 885-40011-1

Job ID: 885-40011-1

Eurofins Albuquerque

Job Narrative 885-40011-1

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 12/19/2025 6:40 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 2.0°C.

GC 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: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-6

Lab Sample ID: 885-40011-1

Date Collected: 12/17/25 13:30

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			12/31/25 05:32	1
Ethylbenzene	5.1		1.0	ug/L			12/31/25 05:32	1
Toluene	ND		1.0	ug/L			12/31/25 05:32	1
Xylenes, Total	51		2.0	ug/L			12/31/25 05:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		15 - 150		12/31/25 05:32	1

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-10

Lab Sample ID: 885-40011-2

Date Collected: 12/17/25 12:15

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	43		20	ug/L			12/31/25 03:36	20
Ethylbenzene	72		20	ug/L			12/31/25 03:36	20
Toluene	ND		20	ug/L			12/31/25 03:36	20
Xylenes, Total	730		40	ug/L			12/31/25 03:36	20
<hr/>								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		15 - 150				12/31/25 03:36	20

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-13

Lab Sample ID: 885-40011-3

Date Collected: 12/17/25 14:30

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		20	ug/L			12/31/25 03:59	20
Ethylbenzene	ND		20	ug/L			12/31/25 03:59	20
Toluene	ND		20	ug/L			12/31/25 03:59	20
Xylenes, Total	ND		40	ug/L			12/31/25 03:59	20
<hr/>								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150				12/31/25 03:59	20

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-15

Lab Sample ID: 885-40011-4

Date Collected: 12/17/25 11:15

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	290		20	ug/L			12/31/25 04:22	20
Ethylbenzene	270		20	ug/L			12/31/25 04:22	20
Toluene	52		20	ug/L			12/31/25 04:22	20
Xylenes, Total	2400		40	ug/L			12/31/25 04:22	20
<hr/>								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		15 - 150				12/31/25 04:22	20

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Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-16

Lab Sample ID: 885-40011-5

Date Collected: 12/17/25 10:00

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3300		50	ug/L			12/31/25 03:12	50
Ethylbenzene	850		50	ug/L			12/31/25 03:12	50
Toluene	1000		50	ug/L			12/31/25 03:12	50
Xylenes, Total	6200		100	ug/L			12/31/25 03:12	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		15 - 150		12/31/25 03:12	50

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-20
 Date Collected: 12/17/25 16:00
 Date Received: 12/19/25 06:40

Lab Sample ID: 885-40011-6
 Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6800		200	ug/L			12/31/25 02:49	200
Ethylbenzene	ND		200	ug/L			12/31/25 02:49	200
Toluene	1600		200	ug/L			12/31/25 02:49	200
Xylenes, Total	1300		400	ug/L			12/31/25 02:49	200
<hr/>								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150				12/31/25 02:49	200



Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-22

Lab Sample ID: 885-40011-7

Date Collected: 12/17/25 16:50

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.5		1.0	ug/L			12/31/25 05:55	1
Ethylbenzene	1.9		1.0	ug/L			12/31/25 05:55	1
Toluene	ND		1.0	ug/L			12/31/25 05:55	1
Xylenes, Total	ND		2.0	ug/L			12/31/25 05:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150				12/31/25 05:55	1

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-23

Lab Sample ID: 885-40011-8

Date Collected: 12/17/25 17:30

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			12/31/25 06:19	1
Ethylbenzene	ND		1.0	ug/L			12/31/25 06:19	1
Toluene	ND		1.0	ug/L			12/31/25 06:19	1
Xylenes, Total	ND	F2	2.0	ug/L			12/31/25 06:19	1
<hr/>								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		15 - 150				12/31/25 06:19	1

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

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-26

Lab Sample ID: 885-40011-9

Date Collected: 12/18/25 10:00

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	11000		500	ug/L			12/31/25 10:35	500
Ethylbenzene	ND		500	ug/L			12/31/25 10:35	500
Toluene	26000		500	ug/L			12/31/25 10:35	500
Xylenes, Total	12000		1000	ug/L			12/31/25 10:35	500
<hr/>								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150				12/31/25 10:35	500



Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-29

Lab Sample ID: 885-40011-10

Date Collected: 12/18/25 11:00

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			12/31/25 12:33	1
Ethylbenzene	ND		1.0	ug/L			12/31/25 12:33	1
Toluene	ND		1.0	ug/L			12/31/25 12:33	1
Xylenes, Total	ND		2.0	ug/L			12/31/25 12:33	1
<hr/>								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		15 - 150				12/31/25 12:33	1

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-31
 Date Collected: 12/18/25 11:45
 Date Received: 12/19/25 06:40

Lab Sample ID: 885-40011-11
 Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			12/30/25 13:36	1
Ethylbenzene	ND		1.0	ug/L			12/30/25 13:36	1
Toluene	ND		1.0	ug/L			12/30/25 13:36	1
Xylenes, Total	ND		2.0	ug/L			12/30/25 13:36	1
<hr/>								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150				12/30/25 13:36	1



Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-33

Lab Sample ID: 885-40011-12

Date Collected: 12/18/25 14:15

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			12/31/25 12:57	1
Ethylbenzene	ND		1.0	ug/L			12/31/25 12:57	1
Toluene	ND		1.0	ug/L			12/31/25 12:57	1
Xylenes, Total	ND		2.0	ug/L			12/31/25 12:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		15 - 150		12/31/25 12:57	1

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-34

Lab Sample ID: 885-40011-13

Date Collected: 12/18/25 13:15

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			12/31/25 13:20	1
Ethylbenzene	ND		1.0	ug/L			12/31/25 13:20	1
Toluene	ND		1.0	ug/L			12/31/25 13:20	1
Xylenes, Total	ND		2.0	ug/L			12/31/25 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		15 - 150		12/31/25 13:20	1

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-35

Lab Sample ID: 885-40011-14

Date Collected: 12/18/25 12:30

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			12/31/25 13:44	1
Ethylbenzene	ND	F2	1.0	ug/L			12/31/25 13:44	1
Toluene	ND		1.0	ug/L			12/31/25 13:44	1
Xylenes, Total	ND		2.0	ug/L			12/31/25 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150		12/31/25 13:44	1

Client Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-38

Lab Sample ID: 885-40011-15

Date Collected: 12/16/25 14:50

Matrix: Water

Date Received: 12/19/25 06:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			12/30/25 15:24	1
Ethylbenzene	ND		1.0	ug/L			12/30/25 15:24	1
Toluene	ND		1.0	ug/L			12/30/25 15:24	1
Xylenes, Total	ND		2.0	ug/L			12/30/25 15:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150		12/30/25 15:24	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Hare 15

Job ID: 885-40011-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-40636/6
Matrix: Water
Analysis Batch: 40636

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

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		1.0	ug/L			12/30/25 12:09	1
Ethylbenzene	ND		1.0	ug/L			12/30/25 12:09	1
Toluene	ND		1.0	ug/L			12/30/25 12:09	1
Xylenes, Total	ND		2.0	ug/L			12/30/25 12:09	1
Surrogate								
	MB MB		Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		15 - 150				12/30/25 12:09	1

Lab Sample ID: LCS 885-40636/5
Matrix: Water
Analysis Batch: 40636

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	20.0	20.1		ug/L		101	70 - 130
Ethylbenzene	20.0	20.3		ug/L		101	70 - 130
Toluene	20.0	20.2		ug/L		101	70 - 130
Xylenes, Total	60.0	61.3		ug/L		102	70 - 130
Surrogate							
	LCS LCS		Limits				
4-Bromofluorobenzene (Surr)	88		15 - 150				

Lab Sample ID: 885-40011-11 MS
Matrix: Water
Analysis Batch: 40636

Client Sample ID: MW-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Benzene	ND		20.0	20.3		ug/L		101	70 - 130
Ethylbenzene	ND		20.0	19.9		ug/L		100	70 - 130
Toluene	ND		20.0	20.3		ug/L		101	70 - 130
Xylenes, Total	ND		60.0	60.4		ug/L		101	70 - 130
Surrogate									
	MS MS		Limits						
4-Bromofluorobenzene (Surr)	95		15 - 150						

Lab Sample ID: 885-40011-11 MSD
Matrix: Water
Analysis Batch: 40636

Client Sample ID: MW-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec Limits	RPD	Limit
				Result	Qualifier						
Benzene	ND		20.0	19.0		ug/L		95	70 - 130	7	20
Ethylbenzene	ND		20.0	19.1		ug/L		95	70 - 130	4	20
Toluene	ND		20.0	19.1		ug/L		96	70 - 130	6	20
Xylenes, Total	ND		60.0	57.3		ug/L		95	70 - 130	5	20
Surrogate											
	MSD MSD		Limits								
4-Bromofluorobenzene (Surr)	96		15 - 150								

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QC Sample Results

Client: Hilcorp Energy
Project/Site: Hare 15

Job ID: 885-40011-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 885-40667/31
Matrix: Water
Analysis Batch: 40667

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

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		1.0	ug/L			12/31/25 02:26	1
Ethylbenzene	ND		1.0	ug/L			12/31/25 02:26	1
Toluene	ND		1.0	ug/L			12/31/25 02:26	1
Xylenes, Total	ND		2.0	ug/L			12/31/25 02:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150				12/31/25 02:26	1

Lab Sample ID: LCS 885-40667/30
Matrix: Water
Analysis Batch: 40667

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	20.0	21.9		ug/L		109	70 - 130
Ethylbenzene	20.0	21.3		ug/L		106	70 - 130
Toluene	20.0	21.7		ug/L		108	70 - 130
Xylenes, Total	60.0	64.3		ug/L		107	70 - 130
o-Xylene	20.0	21.2		ug/L		106	70 - 130
m&p-Xylene	40.0	43.1		ug/L		108	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	104		15 - 150				

Lab Sample ID: 885-40011-8 MS
Matrix: Water
Analysis Batch: 40667

Client Sample ID: MW-23
Prep Type: Total/NA

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	ND		20.0	21.9		ug/L		109	70 - 130
Ethylbenzene	ND		20.0	20.2		ug/L		100	70 - 130
Toluene	ND		20.0	21.5		ug/L		106	70 - 130
Xylenes, Total	ND	F2	60.0	60.5		ug/L		100	70 - 130
o-Xylene	ND		20.0	20.1		ug/L		99	70 - 130
m&p-Xylene	ND	F2	40.0	40.4		ug/L		101	70 - 130
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		15 - 150						

Lab Sample ID: 885-40011-8 MSD
Matrix: Water
Analysis Batch: 40667

Client Sample ID: MW-23
Prep Type: Total/NA

Analyte	Sample Sample		Spike Added	MSD MSD		Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	ND		20.0	25.9		ug/L		129	70 - 130	17	20
Ethylbenzene	ND		20.0	24.2		ug/L		120	70 - 130	18	20
Toluene	ND		20.0	25.6		ug/L		126	70 - 130	17	20
Xylenes, Total	ND	F2	60.0	74.5	F2	ug/L		123	70 - 130	21	20
o-Xylene	ND		20.0	24.5		ug/L		122	70 - 130	20	20

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QC Sample Results

Client: Hilcorp Energy
Project/Site: Hare 15

Job ID: 885-40011-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-40011-8 MSD

Client Sample ID: MW-23

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 40667

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m&p-Xylene	ND	F2	40.0	49.9	F2	ug/L		125	70 - 130	21	20
Surrogate		MSD %Recovery	MSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	101			15 - 150							

Lab Sample ID: MB 885-40669/51

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 40669

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			12/31/25 10:12	1
Ethylbenzene	ND		1.0	ug/L			12/31/25 10:12	1
Toluene	ND		1.0	ug/L			12/31/25 10:12	1
Xylenes, Total	ND		2.0	ug/L			12/31/25 10:12	1
Surrogate		MB %Recovery	MB Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98			15 - 150			12/31/25 10:12	1

Lab Sample ID: LCS 885-40669/50

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 40669

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	20.5		ug/L		103	70 - 130
Ethylbenzene	20.0	19.8		ug/L		99	70 - 130
Toluene	20.0	20.4		ug/L		102	70 - 130
Xylenes, Total	60.0	60.3		ug/L		100	70 - 130
o-Xylene	20.0	19.7		ug/L		99	70 - 130
m&p-Xylene	40.0	40.5		ug/L		101	70 - 130
Surrogate		LCS %Recovery	LCS Qualifier	Limits			
4-Bromofluorobenzene (Surr)	101			15 - 150			

Lab Sample ID: 885-40011-14 MS

Client Sample ID: MW-35

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 40669

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		20.0	20.4		ug/L		101	70 - 130
Ethylbenzene	ND	F2	20.0	19.2		ug/L		95	70 - 130
Toluene	ND		20.0	20.2		ug/L		100	70 - 130
Xylenes, Total	ND		60.0	58.8		ug/L		98	70 - 130
o-Xylene	ND		20.0	19.8		ug/L		98	70 - 130
m&p-Xylene	ND		40.0	39.1		ug/L		98	70 - 130
Surrogate		MS %Recovery	MS Qualifier	Limits					
4-Bromofluorobenzene (Surr)	104			15 - 150					

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QC Sample Results

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 885-40011-14 MSD

Client Sample ID: MW-35

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 40669

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzene	ND		20.0	24.9		ug/L		124	70 - 130	20	20
Ethylbenzene	ND	F2	20.0	23.8	F2	ug/L		118	70 - 130	22	20
Toluene	ND		20.0	24.7		ug/L		122	70 - 130	20	20
Xylenes, Total	ND		60.0	71.9		ug/L		120	70 - 130	20	20
o-Xylene	ND		20.0	24.0		ug/L		119	70 - 130	19	20
m&p-Xylene	ND		40.0	47.9		ug/L		120	70 - 130	20	20
		MSD									
Surrogate		%Recovery	MSD								
4-Bromofluorobenzene (Surr)		106									15 - 150

QC Association Summary

Client: Hilcorp Energy
 Project/Site: Hare 15

Job ID: 885-40011-1

GC VOA

Analysis Batch: 40636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40011-11	MW-31	Total/NA	Water	8021B	
885-40011-15	MW-38	Total/NA	Water	8021B	
MB 885-40636/6	Method Blank	Total/NA	Water	8021B	
LCS 885-40636/5	Lab Control Sample	Total/NA	Water	8021B	
885-40011-11 MS	MW-31	Total/NA	Water	8021B	
885-40011-11 MSD	MW-31	Total/NA	Water	8021B	

Analysis Batch: 40667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40011-1	MW-6	Total/NA	Water	8021B	
885-40011-2	MW-10	Total/NA	Water	8021B	
885-40011-3	MW-13	Total/NA	Water	8021B	
885-40011-4	MW-15	Total/NA	Water	8021B	
885-40011-5	MW-16	Total/NA	Water	8021B	
885-40011-6	MW-20	Total/NA	Water	8021B	
885-40011-7	MW-22	Total/NA	Water	8021B	
885-40011-8	MW-23	Total/NA	Water	8021B	
MB 885-40667/31	Method Blank	Total/NA	Water	8021B	
LCS 885-40667/30	Lab Control Sample	Total/NA	Water	8021B	
885-40011-8 MS	MW-23	Total/NA	Water	8021B	
885-40011-8 MSD	MW-23	Total/NA	Water	8021B	

Analysis Batch: 40669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40011-9	MW-26	Total/NA	Water	8021B	
885-40011-10	MW-29	Total/NA	Water	8021B	
885-40011-12	MW-33	Total/NA	Water	8021B	
885-40011-13	MW-34	Total/NA	Water	8021B	
885-40011-14	MW-35	Total/NA	Water	8021B	
MB 885-40669/51	Method Blank	Total/NA	Water	8021B	
LCS 885-40669/50	Lab Control Sample	Total/NA	Water	8021B	
885-40011-14 MS	MW-35	Total/NA	Water	8021B	
885-40011-14 MSD	MW-35	Total/NA	Water	8021B	

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-6
Date Collected: 12/17/25 13:30
Date Received: 12/19/25 06:40

Lab Sample ID: 885-40011-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	40667	VP	EET ALB	12/31/25 05:32

Client Sample ID: MW-10
Date Collected: 12/17/25 12:15
Date Received: 12/19/25 06:40

Lab Sample ID: 885-40011-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		20	40667	VP	EET ALB	12/31/25 03:36

Client Sample ID: MW-13
Date Collected: 12/17/25 14:30
Date Received: 12/19/25 06:40

Lab Sample ID: 885-40011-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		20	40667	VP	EET ALB	12/31/25 03:59

Client Sample ID: MW-15
Date Collected: 12/17/25 11:15
Date Received: 12/19/25 06:40

Lab Sample ID: 885-40011-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		20	40667	VP	EET ALB	12/31/25 04:22

Client Sample ID: MW-16
Date Collected: 12/17/25 10:00
Date Received: 12/19/25 06:40

Lab Sample ID: 885-40011-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		50	40667	VP	EET ALB	12/31/25 03:12

Client Sample ID: MW-20
Date Collected: 12/17/25 16:00
Date Received: 12/19/25 06:40

Lab Sample ID: 885-40011-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		200	40667	VP	EET ALB	12/31/25 02:49

Client Sample ID: MW-22
Date Collected: 12/17/25 16:50
Date Received: 12/19/25 06:40

Lab Sample ID: 885-40011-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	40667	VP	EET ALB	12/31/25 05:55

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Lab Chronicle

Client: Hilcorp Energy
Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-23

Lab Sample ID: 885-40011-8

Date Collected: 12/17/25 17:30

Matrix: Water

Date Received: 12/19/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	40667	VP	EET ALB	12/31/25 06:19

Client Sample ID: MW-26

Lab Sample ID: 885-40011-9

Date Collected: 12/18/25 10:00

Matrix: Water

Date Received: 12/19/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		500	40669	VP	EET ALB	12/31/25 10:35

Client Sample ID: MW-29

Lab Sample ID: 885-40011-10

Date Collected: 12/18/25 11:00

Matrix: Water

Date Received: 12/19/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	40669	VP	EET ALB	12/31/25 12:33

Client Sample ID: MW-31

Lab Sample ID: 885-40011-11

Date Collected: 12/18/25 11:45

Matrix: Water

Date Received: 12/19/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	40636	AT	EET ALB	12/30/25 13:36

Client Sample ID: MW-33

Lab Sample ID: 885-40011-12

Date Collected: 12/18/25 14:15

Matrix: Water

Date Received: 12/19/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	40669	VP	EET ALB	12/31/25 12:57

Client Sample ID: MW-34

Lab Sample ID: 885-40011-13

Date Collected: 12/18/25 13:15

Matrix: Water

Date Received: 12/19/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	40669	VP	EET ALB	12/31/25 13:20

Client Sample ID: MW-35

Lab Sample ID: 885-40011-14

Date Collected: 12/18/25 12:30

Matrix: Water

Date Received: 12/19/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	40669	VP	EET ALB	12/31/25 13:44

Eurofins Albuquerque

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Hare 15

Job ID: 885-40011-1

Client Sample ID: MW-38
Date Collected: 12/16/25 14:50
Date Received: 12/19/25 06:40

Lab Sample ID: 885-40011-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8021B		1	40636	AT	EET ALB	12/30/25 15:24

Laboratory References:

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

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Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Hare 15

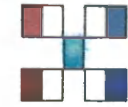
Job ID: 885-40011-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date																				
New Mexico	State	NM9425	02-25-26																				
<p>The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8021B</td> <td></td> <td>Water</td> <td>Benzene</td> </tr> <tr> <td>8021B</td> <td></td> <td>Water</td> <td>Ethylbenzene</td> </tr> <tr> <td>8021B</td> <td></td> <td>Water</td> <td>Toluene</td> </tr> <tr> <td>8021B</td> <td></td> <td>Water</td> <td>Xylenes, Total</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	8021B		Water	Benzene	8021B		Water	Ethylbenzene	8021B		Water	Toluene	8021B		Water	Xylenes, Total
Analysis Method	Prep Method	Matrix	Analyte																				
8021B		Water	Benzene																				
8021B		Water	Ethylbenzene																				
8021B		Water	Toluene																				
8021B		Water	Xylenes, Total																				
Oregon	NELAP	NM100001	02-25-26																				

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HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Turn-Around Time:
 Standard Rush
 Project Name: Hare 15
 Project #: _____

Project Manager: *Mitch Killough*
 Sampler: Brandon Sinclair
 On Ice: Yes No
 # of Coolers: *700*
 Cooler Temp (including CF): *1.8 to 2.2 = 2.0*

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
12-18	1000	Water	MW-26	(3) 40ml VOA	HCL	X
12-18	1100	Water	MW-29	(3) 40ml VOA	HCL	X
		Water	MW-30	(3) 40ml VOA	HCL	X
12-18	1145	Water	MW-31	(3) 40ml VOA	HCL	X
12-18	1415	Water	MW-33	(3) 40ml VOA	HCL	X
12-18	1315	Water	MW-34	(3) 40ml VOA	HCL	X
12-18	1230	Water	MW-35	(3) 40ml VOA	HCL	X
		Water	MW-36	(3) 40ml VOA	HCL	X
		Water	MW-37	(3) 40ml VOA	HCL	X
12-16	1450	Water	MW-38	(3) 40ml VOA	HCL	X

Received by: *U. Walt* Date: *12/18/25* Time: *1553*
 Received by: *P. J. Warner* Date: *12/19/25* Time: *6:40*

Remarks: Special Pricing See Andy

pg 2 of 2

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



Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-40011-1

Login Number: 40011

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 543559

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 543559
	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 April 15, 2026.	1/29/2026