ENSOLUM

March 30, 2025

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 Annual Groundwater Monitoring Report
State Com J #006
San Juan County, New Mexico
Hilcorp Energy Company
NMOCD Incident Number: NJK1326741691
NMOCD Administrative Order: 3RP-468

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *2025 Annual Groundwater Monitoring Report* to the New Mexico Oil Conservation Division (NMOCD) to document groundwater monitoring activities conducted at the State Com J #6 natural gas production site (Site) during 2025. The Site is located on surface managed by the New Mexico State Land Office in Unit L, Section 36, Township 31 North, Range 9 West, San Juan County, New Mexico (Figure 1).

SITE BACKGROUND

In 2013, the previous Site operator, ConocoPhillips Company, discovered a release of produced water and condensate from the San Juan C4 gas pipeline at a crossing in an ephemeral wash (Figure 2). Upon discovery, the associated production wells were immediately shut in, and the release location was bermed to prevent lateral migration of surface fluids. Initial response actions included excavating and trenching around the pipeline to remove visibly impacted soil. During soil removal activities, groundwater infiltrated and pooled at the base of the excavation. In total, 275 cubic yards of impacted soil and 60 barrels (bbls) of petroleum hydrocarbon-impacted groundwater were removed. Depth to groundwater during excavation was approximately 5 feet below ground surface (bgs).

Following initial excavation activities, four groundwater recovery wells (RW-1 through RW-4) and one monitoring well (MW-1) were installed at the Site in 2014. The recovery wells were used to extract light non-aqueous phase liquids (LNAPL), also referred to as phase-separated hydrocarbons (PSH) in this report, as well as dissolved phase petroleum hydrocarbons. To further remediate the release area, mobile dual-phase extraction (MDPE) events were conducted in August 2014, November 2014, April 2015, and November 2017, resulting in the recovery of 777 gallons of PSH. At the request of the NMOCD, two additional monitoring wells (MW-2 and MW-3) were installed in 2016 to assess down-gradient and cross-gradient conditions.

Quarterly groundwater monitoring at the Site began in 2016, with PSH recovery from wells RW-1 through RW-4 initiated in 2017 using hand bailing and absorbent socks. Additionally, GHD, the former environmental consultant for the Site, used a vacuum truck to remove approximately

40 bbls of PSH and impacted water from these wells during the fourth quarter of 2019. As presented in the *2019 Annual Groundwater Monitoring Report* prepared by GHD (dated March 3, 2020), a minimum of 0.11 gallons of PSH was removed during this event.

Following the review of the *2021 Annual Groundwater Monitoring Report* for State Com J#6, the NMOCD approved transitioning to an annual groundwater sampling schedule on May 17, 2024. As a result, the groundwater sampling schedule was adjusted from quarterly to annual starting in 2024. The agency also recommended assessing alternative remediation strategies for more efficient PSH recovery; however, measurable PSH has not been observed in any monitoring or recovery wells at the Site since June 2023.

Following the review of the *2023 Annual Groundwater Monitoring Report* for State Com J #6, the NMOCD determined sampling may be suspended in monitoring wells: MW-1, MW-2, MW-3, and RW-2 as constituents of concern (COCs) have been compliant with the New Mexico Water Quality Control Commission (NMWQCC) groundwater quality standards (GQSs). Monitoring wells RW-1, RW-3 and RW-4 were allowed to be reduced to annual sampling events until the human health standards in NMWQCC are below the human health standards. Ensolum has continued to hand bail, recover LNAPL, and gauge PSH and depth to water (DTW). The following annual groundwater report was submitted on March 20, 2025.

SITE GROUNDWATER CLEANUP STANDARDS

The NMOCD requires GQSs be met as presented by the NMWQCC and listed in Title 20, Chapter 6, Part 2, Section 3103 (20.6.2.3103) of the New Mexico Administrative Code (NMAC). The following standards are presented for the COCs at the Site in milligrams per liter (mg/L).

- Benzene: 0.005 mg/L
- Toluene: 1.0 mg/L
- Ethylbenzene: 0.70 mg/L
- Total Xylenes: 0.62 mg/L
- Total Naphthalene: 0.03 mg/L

In addition, NMWQCC standards state that LNAPL/PSH shall not be present floating on the groundwater.

GROUNDWATER SAMPLING ACTIVITIES AND RESULTS

Groundwater level measurements and groundwater samples were collected at the Site from RW-1, RW-3, and RW-4 on December 19, 2025. Prior to sampling, static groundwater levels and depth to PSH, if present, were measured at each monitoring well using an oil/water interface probe. To prevent cross-contamination, the interface probe was decontaminated with Alconox® soap and rinsed with distilled water prior to each measurement. Groundwater elevations recorded during the 2025 sampling event are presented in Table 1 and were used to develop a groundwater potentiometric surface map (Figure 3). The inferred groundwater flow direction at the Site is to the southwest.

GROUNDWATER SAMPLING

Groundwater from each monitoring well was purged and sampled using a disposable bailer. Purging was accomplished by removing stagnant groundwater from the monitoring well prior to collecting a sample. Field measurements of groundwater quality parameters, including temperature, pH, total dissolved solids, and electrical conductivity were recorded during the purging process.

Following well purging, groundwater samples were placed directly into laboratory-provided containers and labeled with the date and time of collection, well designation, project name, sample collector's name, and parameters to be analyzed. Samples were immediately sealed with zero headspace and packed on ice to preserve the samples. Samples were submitted to Eurofins Environmental Analysis Laboratory (Eurofins) in Albuquerque, New Mexico for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX), and total naphthalene following Environmental Protection Agency (EPA) Method 8260B. Proper chain-of-custody procedures were followed documenting the date and time sampled, sample number, type of sample, sample collector's name, preservative used, analyses required, and sample collector's signature. Analytical laboratory reports from the sampling events are included as Appendix A.

GROUNDWATER ANALYTICAL RESULTS

During the December 2025 groundwater monitoring event, petroleum-related constituents were detected in groundwater samples collected from wells RW-3 and RW-4. Benzene was detected within RW-3 at a concentration of 0.013 mg/L, which exceeds the NMWQCC GQS. Total naphthalene was also detected within RW-3 at a concentration of 0.026 mg/L, which is below the NMWQCC GQS.

At RW-4, total xylenes and total naphthalene were detected at concentrations of 1.30 mg/L and 0.160 mg/L, respectively, both of which exceed applicable NMWQCC GQSs. Ethylbenzene was detected within RW-4 at a concentration of 0.094 mg/L; however, this concentration remains below the NMWQCC GQS.

In contrast, BTEX and total naphthalene were not detected above laboratory reporting limits in groundwater collected from RW-1 during the December 2025 monitoring event, suggesting dissolved-phase impacts remain limited to the vicinity of RW-3 and RW-4. Groundwater analytical results are summarized in Table 2 and illustrated on Figure 4.

CONCLUSIONS AND RECOMMENDATIONS

Overall, the presence of PSH and concentrations of dissolved BTEX and total naphthalene in groundwater have decreased over time at the Site. Measurable PSH has not been observed in any monitoring or recovery wells at the Site since June 2023. Dissolved benzene and total naphthalene are still present in wells RW-3 and RW-4; however, concentrations appear stable. Benzene and total naphthalene within RW-1 was less than the laboratory reporting limits and less than the NMWQCC GQSs in 2025.

Based on current and historical data collected at the Site, Ensolum/Hilcorp recommend the following actions:

- Continue annual groundwater sampling of RW-1, RW-3, and RW-4. Once BTEX and total naphthalene concentrations meet NMWQCC GQSs, the sampling frequency will be increased until compliance is confirmed for eight consecutive quarters.
- Continue gauging all Site wells for depth to groundwater and depth to PSH measurements on an annual basis and resume PSH removal via absorbent socks and hand bailing if rebound is observed.

Ensolum appreciates the opportunity to provide these environmental services to Hilcorp. Please contact either of the undersigned with any questions.

Sincerely,

Ensolum, LLC

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Attachments:

Figure 1	Site Location Map
Figure 2	Site Map
Figure 3	Q4 2025 Groundwater Elevation Contours
Figure 4	Q4 Groundwater Analytical Results
Table 1	Groundwater Elevations
Table 2	Groundwater Analytical Results
Appendix A	Analytical Laboratory Reports

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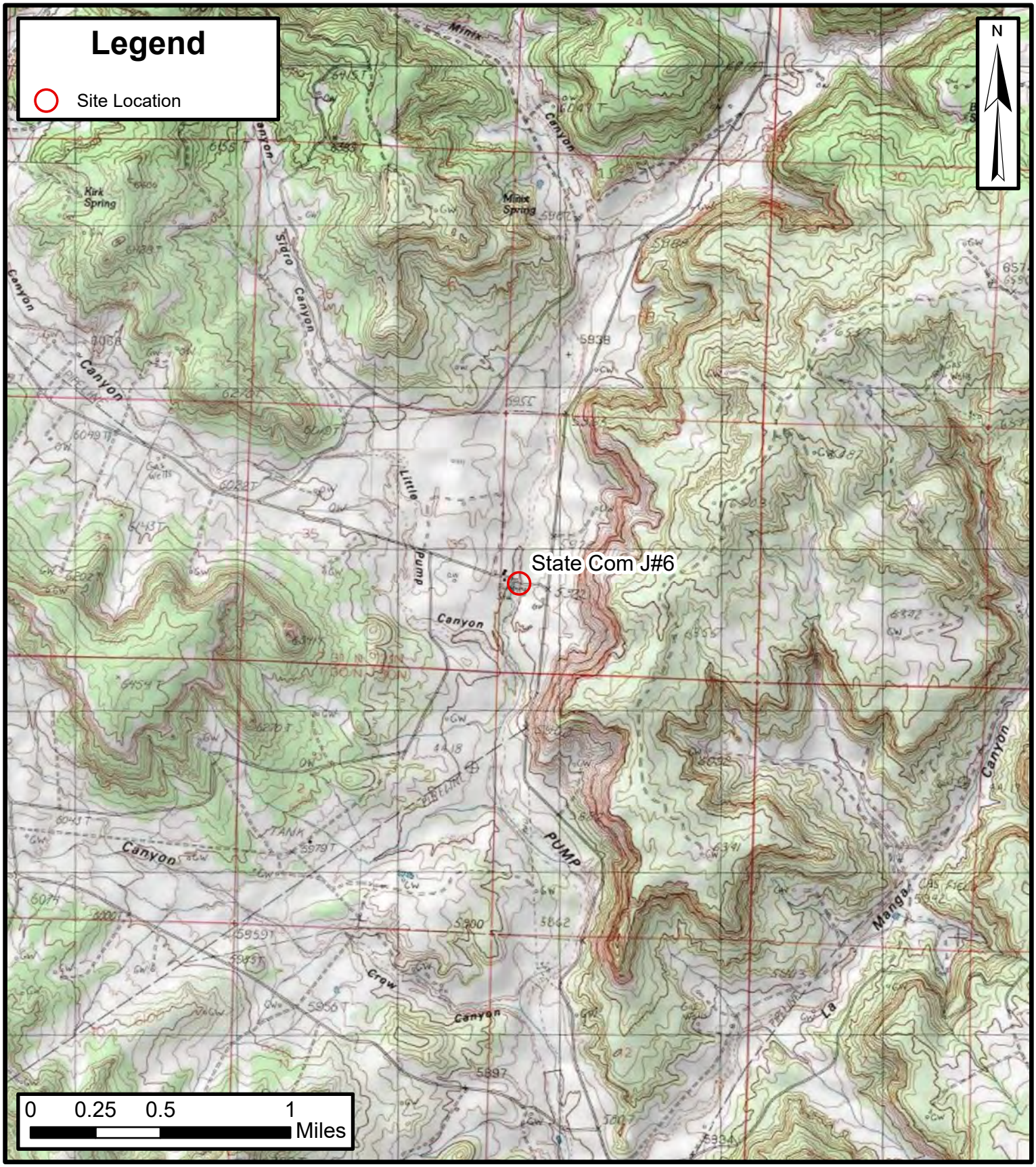
FIGURES



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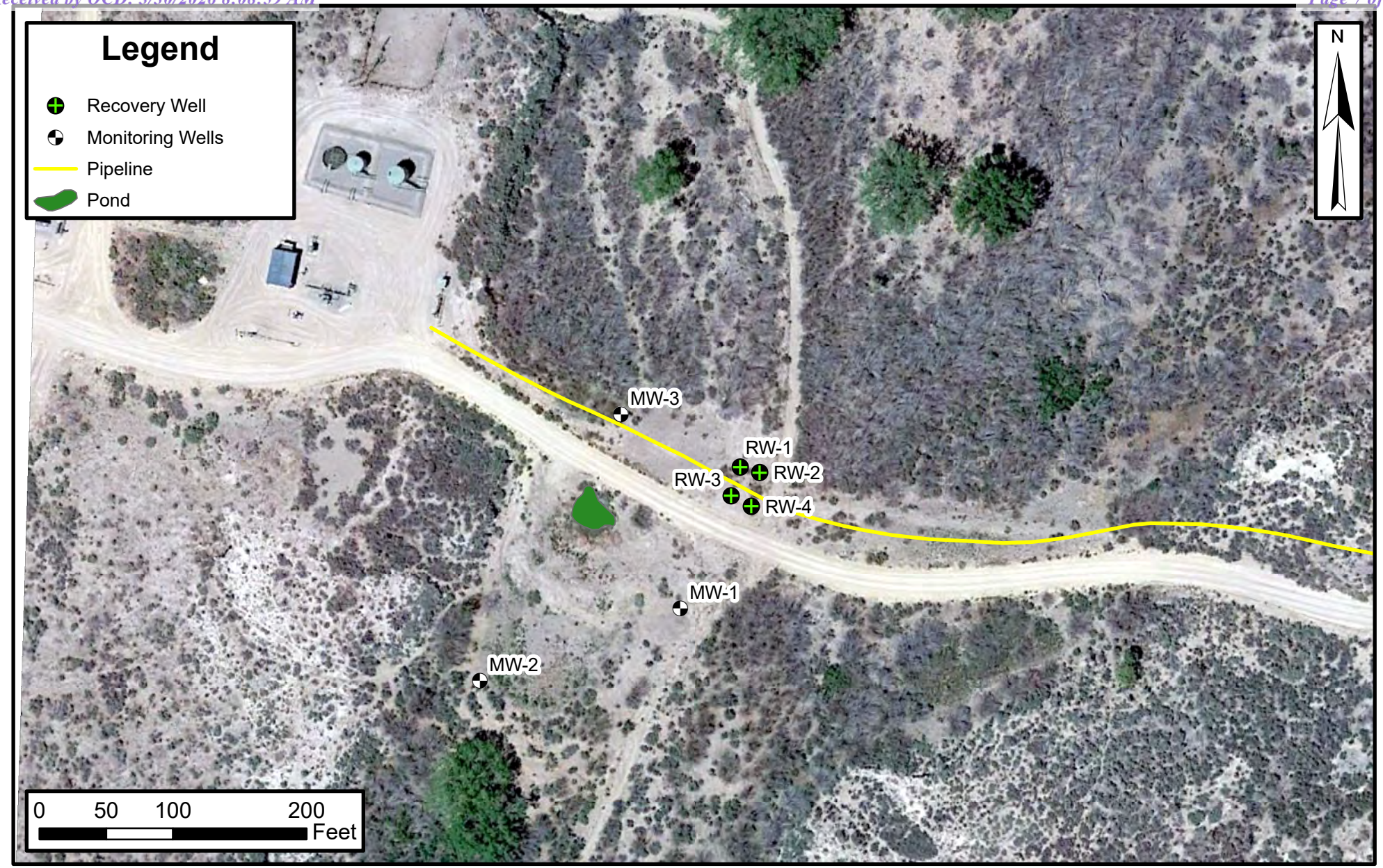
Site Location Map

State Com J #006
Hilcorp Energy Company
36.85231, -107.74007
San Juan County, New Mexico

FIGURE
1

Sources: Environmental Systems Research Institute (ESRI), National Geographic Society, i-cubed



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Site Map

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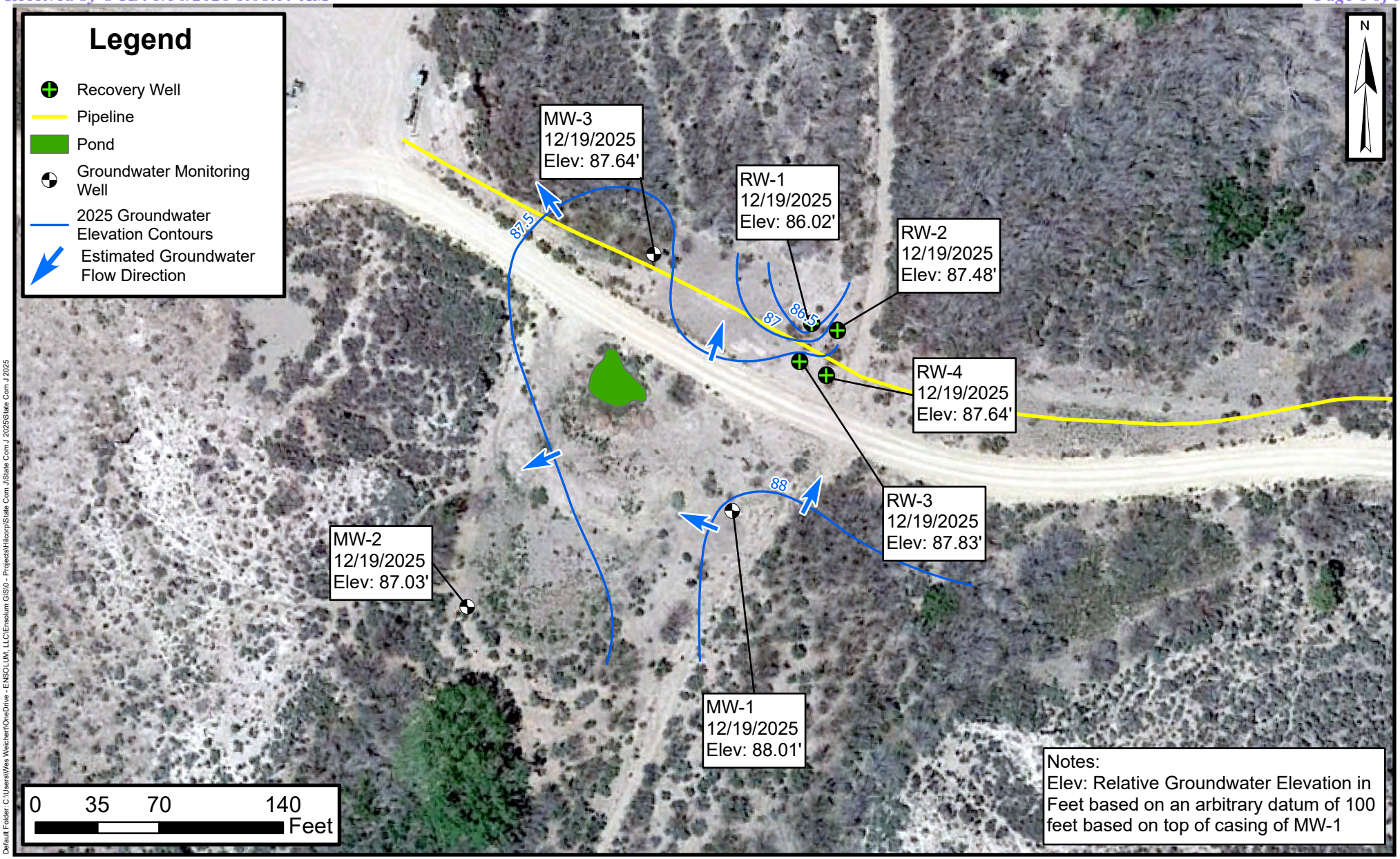
FIGURE
2

Sources: Google Earth



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Q4 2025 Groundwater Elevation Contours

State Com J #006
Hilcorp Energy Company

36.85231, -107.74007
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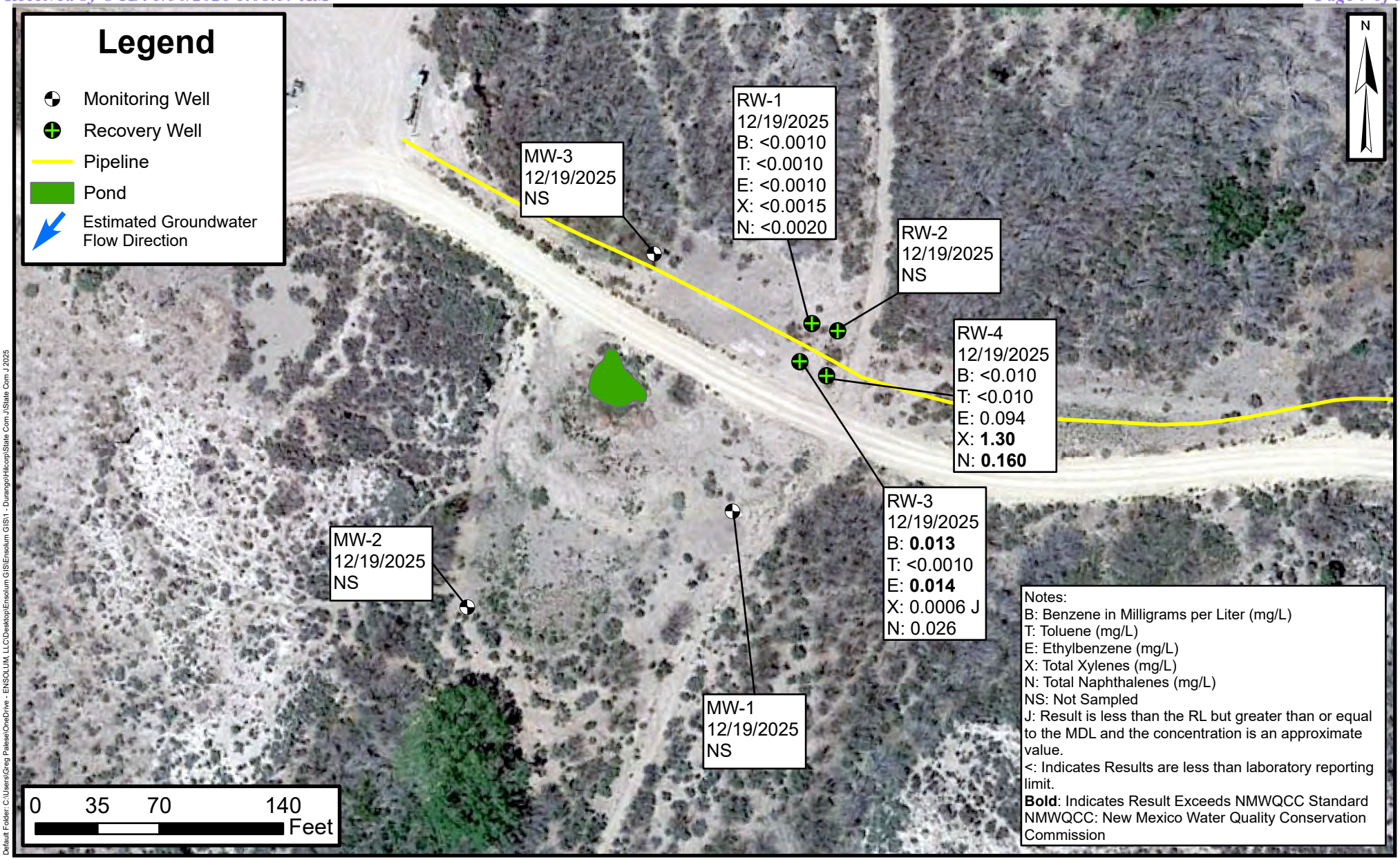
FIGURE
3

Sources: Google Earth



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Q4 2025 Groundwater Analytical Results

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Hilcorp Energy Company

36.85231, -107.74007
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FIGURE
4

Sources: Google Earth

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TABLES

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TABLE 1
GROUNDWATER ELEVATIONS
State Com J #006
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl) (1)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
MW-1	100.00	5/12/2014	7.98	--	--	92.02
		5/20/2014	8.14	--	--	91.86
		5/27/2014	8.10	--	--	91.90
		12/17/2014	8.53	--	--	91.47
		4/21/2015	8.20	--	--	91.80
		5/14/2015	8.18	--	--	91.82
		9/22/2015	8.43	--	--	91.57
		12/2/2015	8.29	--	--	91.71
		3/30/2016	7.92	--	--	92.08
		9/8/2016	9.55	--	--	90.45
		12/1/2016	8.96	--	--	91.04
		3/9/2017	8.09	--	--	91.91
		6/15/2017	8.54	--	--	91.46
		9/27/2017	9.97	--	--	90.03
		12/6/2017	9.25	--	--	90.75
		3/15/2018	8.91	--	--	91.09
		6/27/2018	9.78	--	--	90.22
		9/5/2018	10.43	--	--	89.57
		12/20/2018	9.97	--	--	90.03
		3/9/2019	9.33	--	--	90.67
		5/29/2019	8.82	--	--	91.18
		8/21/2019	10.53	--	--	89.47
		11/21/2019	10.41	--	--	89.59
		3/28/2020	9.81	--	--	90.19
		6/3/2020	10.09	--	--	89.91
		7/28/2020	11.03	--	--	88.97
		10/9/2020	11.46	--	--	88.54
		1/18/2021	10.86	--	--	89.14
		4/22/2021	10.49	--	--	89.51
		9/21/2021	11.80	--	--	88.20
		11/29/2021	11.43	--	--	88.57
		2/3/2022	11.12	--	--	88.88
		5/25/2022	10.92	--	--	89.08
		8/25/2022	10.41	--	--	89.59
		12/15/2022	10.64	--	--	89.36
		3/21/2023	8.88	--	--	91.12
		6/9/2023	9.16	--	--	90.84
		8/11/2023	10.85	--	--	89.15
		11/15/2023	11.23	--	--	88.77
		2/28/2024	10.79	--	--	89.21

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MW-1	100.00	9/30/2024	DRY	--	--	DRY
		12/19/2025	11.99	--	--	88.01
MW-2	99.36	12/1/2016	8.57	--	--	90.79
		3/9/2017	7.73	--	--	91.63
		6/15/2017	8.27	--	--	91.09
		9/27/2017	9.70	--	--	89.66
		12/6/2017	8.90	--	--	90.46
		3/15/2018	8.54	--	--	90.82
		6/27/2018	9.49	--	--	89.87
		9/5/2018	10.17	--	--	89.19
		12/20/2018	9.59	--	--	89.77
		3/9/2019	8.95	--	--	90.41
		5/29/2019	8.46	--	--	90.90
		8/21/2019	10.24	--	--	89.12
		11/21/2019	10.05	--	--	89.31
		3/27/2020	9.43	--	--	89.93
		6/3/2020	10.09	--	--	89.27
		7/27/2020	10.74	--	--	88.62
		10/9/2020	11.15	--	--	88.21
		1/18/2021	10.49	--	--	88.87
		4/22/2021	10.10	--	--	89.26
		9/21/2021	11.50	--		87.86
		11/19/2021	11.11	--	--	88.25
		2/3/2022	10.72	--	--	88.64
		5/25/2022	10.58	--	--	88.78
		8/25/2022	10.09	--	--	89.27
		12/15/2022	10.25	--	--	89.11
		3/21/2023	8.43	--	--	90.93
		6/9/2023	8.82	--	--	90.54
		8/11/2023	10.58	--	--	88.78
		11/15/2023	10.89	--	--	88.47
		2/28/2024	10.41	--	--	88.95
		9/30/2024	12.91	--	--	86.45
		12/19/2025	12.33	--	--	87.03
MW-3	99.59	12/1/2016	8.51	--	--	91.08
		3/9/2017	7.64	--	--	91.95
		6/15/2017	8.05	--	--	91.54
		9/27/2017	9.51	--	--	90.08
		12/6/2017	8.80	--	--	90.79

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MW-3	99.59	3/15/2018	8.47	--	--	91.12
		6/27/2018	9.31	--	--	90.28
		9/5/2018	9.99	--	--	89.60
		12/20/2018	9.51	--	--	90.08
		3/9/2019	8.95	--	--	90.64
		5/29/2019	8.36	--	--	91.23
		8/21/2019	10.07	--	--	89.52
		11/20/2019	9.98	--	--	89.61
		3/27/2020	9.38	--	--	90.21
		6/2/2020	9.63	--	--	89.96
		7/27/2020	10.59	--	--	89.00
		10/9/2020	11.03	--	--	88.56
		1/18/2021	10.44	--	--	89.15
		4/22/2021	10.07	--	--	89.52
		9/21/2021	11.40	--	--	88.19
		11/19/2021	11.08	--	--	88.51
		2/3/2022	10.72	--	--	88.87
		5/25/2022	10.52	--	--	89.07
		8/25/2022	10.05	--	--	89.54
		12/15/2022	10.28	--	--	89.31
		3/21/2023	8.85	--	--	90.74
		6/9/2023	8.77	--	--	90.82
		8/11/2023	10.47	--	--	89.12
		11/15/2023	10.83	--	--	88.76
		2/28/2024	10.39	--	--	89.20
		9/30/2024	11.85	--	--	87.74
		12/19/2025	11.95	--	--	87.64
RW-1	100.3	5/12/2014	7.80	--	--	92.50
		5/20/2014	7.85	--	--	92.45
		5/27/2014	7.90	7.89	0.01	92.41
		12/17/2014	8.72	8.33	0.39	91.89
		5/14/2015	7.99	--	--	92.31
		6/17/2015	7.98	7.96	0.02	92.34
		9/22/2015	8.72	8.57	0.15	91.70
		12/2/2015	8.19	8.17	0.02	92.13
		9/14/2016	10.10	9.11	0.99	90.99
		12/1/2016	--	--	--	DRY
		3/9/2017	8.01	--	--	92.29
		6/15/2017	8.50	8.35	0.15	91.92
		9/27/2017	10.82	9.60	1.22	90.46

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RW-1	100.3	12/6/2017	9.59	9.09	0.50	91.11
		3/15/2018	8.98	8.83	0.15	91.44
		6/27/2018	10.11	9.52	0.59	90.66
		9/5/2018	11.01	10.18	0.83	89.95
		1/4/2019	10.12	9.77	0.35	90.46
		3/9/2019	9.32	--	--	90.98
		5/28/2019	8.72	--	--	91.58
		8/21/2019	--	--	--	DRY
		11/12/2019	--	--	--	DRY
		3/31/2020	9.81	--	--	90.49
		6/1/2020	9.97	--	--	90.33
		7/29/2020	11.42	10.87	0.55	89.32
		10/9/2020	11.36	--	--	88.94
		1/15/2021	10.87	--	--	89.43
		4/21/2021	10.49	--	--	89.81
		9/21/2021	11.82	11.79	0.03	88.50
		11/29/2021	11.43	--	--	88.87
		1/31/2022	11.13	--	--	89.17
		5/25/2022	10.92	--	--	89.38
		8/25/2022	10.42	--	--	89.88
		12/15/2022	10.73	--	--	89.57
		3/21/2023	9.14	--	--	91.16
		6/9/2023	9.24	Trace	Trace	91.06
		6/11/2023	10.82	--	--	89.48
		11/15/2023	11.27	--	--	89.03
		2/28/2024	10.83	--	--	89.47
		9/30/2024	12.09	--	--	88.21
		12/19/2025	14.28	--	--	86.02
RW-2	99.96	5/12/2014	7.45	7.44	0.01	92.52
		5/20/2014	7.67	7.66	0.01	92.30
		5/27/2014	7.56	--	--	92.40
		12/17/2014	8.39	7.98	0.41	91.90
		5/14/2015	7.65	--	--	92.31
		6/17/2015	7.61	--	--	92.35
		9/22/2015	8.25	--	--	91.71
		12/2/2015	7.82	--	--	92.14
		9/14/2016	9.68	8.77	0.91	91.01
		12/1/2016	8.65	8.51	--	91.31
		3/9/2017	7.74	--	--	92.22
		6/15/2017	8.03	--	--	91.93

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RW-2	99.96	9/27/2017	10.14	9.33	0.81	90.47
		12/6/2017	9.22	8.72	0.50	91.14
		3/15/2018	8.55	8.46	0.09	91.48
		6/27/2017	9.59	9.25	0.34	90.64
		9/5/2018	10.36	9.90	0.46	89.97
		1/4/2019	9.51	--	--	90.45
		3/9/2019	8.95	--	--	91.01
		5/28/2019	8.39	--	--	91.57
		8/21/2019	10.08	--	--	89.88
		11/12/2019	10.08	--	--	89.88
		3/31/2020	9.43	--	--	90.53
		6/1/2020	9.66	--	--	90.30
		7/29/2020	10.60	--	--	89.36
		10/12/2020	11.06	--	--	88.90
		1/15/2021	10.52	--	--	89.44
		4/21/2021	10.12	--	--	89.84
		9/21/2021	11.50	--	--	88.46
		11/29/2021	11.13	--	--	88.83
		1/31/2022	10.78	--	--	89.18
		5/25/2022	10.55	--	--	89.41
		8/25/2022	10.08	--	--	89.88
		12/15/2022	10.29	--	--	89.67
		3/21/2023	8.75	--	--	91.21
		6/9/2023	8.81	--	--	91.15
		8/11/2023	10.49	--	--	89.47
		11/15/2023	10.96	--	--	89.00
		2/28/2024	10.46	--	--	89.50
		9/30/2024	11.85	--	--	88.11
		12/19/2025	12.48	--	--	87.48
RW-3	99.84	5/12/2014	7.46	--	--	92.38
		5/20/2014	7.66	--	--	92.18
		5/27/2014	7.59	--	--	92.25
		8/26/2014	10.43	8.70	1.73	90.79
		11/11/2014	8.64	8.22	0.42	91.54
		12/17/2014	8.55	7.94	0.61	91.78
		5/14/2015	7.63	7.63	0.00	92.21
		6/17/2015	7.76	7.58	0.18	92.22
		9/22/2015	8.45	8.20	0.25	91.59
		12/2/2015	8.11	7.74	0.37	92.03
		9/14/2016	9.94	8.71	1.23	90.88

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TABLE 1
GROUNDWATER ELEVATIONS
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Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl) (1)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
RW-3	99.84	12/1/2016	8.98	8.46	0.52	91.28
		3/9/2017	7.73	7.70	0.03	92.13
		6/15/2017	7.95	--	--	91.89
		9/27/2017	10.50	9.22	1.28	90.36
		12/6/2017	9.28	8.69	0.59	91.03
		3/15/2018	8.77	8.40	0.37	91.37
		6/27/2018	9.73	9.14	0.59	90.58
		9/5/2018	10.94	9.69	1.25	89.90
		1/4/2019	9.39	--	--	90.45
		3/9/2019	8.90	--	--	90.94
		5/28/2019	8.39	--	--	91.45
		8/21/2019	--	--	--	DRY
		11/12/2019	--	--	--	DRY
		3/31/2020	9.38	--	--	90.46
		6/2/2020	9.56	--	--	90.28
		7/29/2020	10.41	10.40	0.01	89.44
		10/12/2020	10.67	--	--	89.17
		1/15/2021	10.50	10.48	0.02	89.36
		4/21/2021	10.09	--	--	89.75
		9/21/2021	11.45	11.35	0.10	88.47
		11/30/2021	11.07	--	--	88.77
		2/2/2022	10.75	--	--	89.09
		5/25/2022	10.52	--	--	89.32
		8/25/2022	10.05	--	--	89.79
		12/15/2022	10.29	--	--	89.55
		3/21/2023	8.72	--	--	91.12
		6/9/2023	8.79	Trace	Trace	91.05
		8/11/2023	10.44	--	--	89.40
		11/15/2023	10.85	--	--	88.99
		2/28/2024	10.42	--	--	89.42
		9/30/2024	11.84	--	--	88.00
		12/19/2025	12.01	--	--	87.83
RW-4	99.67	5/12/2014	7.30	7.29	0.01	92.38
		5/20/2014	8.12	7.26	0.86	92.24
		5/27/2014	7.98	7.22	0.76	92.30
		8/25/2014	9.80	8.47	1.33	90.93
		11/10/2014	8.15	7.94	0.21	91.69
		12/17/2014	8.10	7.84	0.26	91.78
		4/20/2015	7.61	7.36	0.25	92.26

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
State Com J #006
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl) (1)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)
RW-4	99.67	5/14/2015	7.46	--	--	92.21
		6/17/2015	7.48	7.43	0.05	92.23
		9/22/2015	8.17	8.04	0.13	91.60
		12/2/2015	7.70	7.65	0.05	92.01
		9/14/2016	9.75	8.53	1.22	90.90
		12/1/2016	8.66	8.46	0.20	91.17
		3/9/2017	7.54	7.47	0.07	92.19
		6/15/2017	7.69	--	--	-7.69
		9/27/2017	10.33	9.04	1.29	90.37
		12/6/2017	8.82	8.59	0.23	91.03
		3/15/2018	8.30	8.29	0.01	91.38
		6/27/2018	9.86	8.91	0.95	90.57
		9/5/2018	10.59	9.50	1.09	89.95
		1/4/2019	9.19	--	--	90.48
		3/9/2019	8.70	--	--	90.97
		5/28/2019	8.15	--	--	91.52
		8/21/2019	--	--	--	DRY
		11/12/2019	--	--	--	DRY
		3/31/2020	9.22	--	--	90.45
		6/2/2020	9.30	--	--	90.37
		7/29/2020	10.21	--	--	89.46
		10/12/2020	10.67	--	--	89.00
		1/15/2021	10.22	10.20	0.02	89.45
		4/21/2021	9.91	--	--	89.76
		9/21/2021	11.90	11.10	0.80	87.77
		11/30/2021	10.69	--	--	88.98
		2/2/2022	10.52	--	--	89.15
		5/25/2022	NM	--	--	NM
		8/25/2022	9.83	--	--	89.84
		12/15/2022	10.03	--	--	89.64
		3/21/2023	8.22	--	--	91.45
		6/9/2023	8.72	Trace	Trace	90.95
		8/11/2023	10.33	--	--	89.34
		11/15/2023	11.22	--	--	88.45
		2/28/2024	10.25	--	--	89.42
		9/30/2024	12.03	--	--	87.64
		12/19/2025	12.03	--	--	87.64

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TABLE 1
GROUNDWATER ELEVATIONS
State Com J #006
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Top of Casing Elevation (feet amsl) (1)	Date	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet amsl)

Notes:

(1): surface elevation based on an arbitrary datum of 100 feet based on top of casing of MW-1

amsl: above mean sea level

BTOC: below top of casing

--: indicates no GWEL or PSH measured

Groundwater elevation is adjusted using a density correction factor of 0.8 when product is present

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS
State Com J #006
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total Naphthalenes (mg/L)
NMWQCC Standards		**0.005**	**1.00**	**0.70**	**0.62**	**0.03**
MW-1	5/12/2014	**0.0134**	0.0304	0.0152	0.228	0.0017
	9/23/2014	**0.01**	< 0.001	0.0033	0.0233	< 0.0005
	12/17/2014	**0.0252**	< 0.001	0.0121	0.0488	0.00085
	5/14/2015	0.0041	< 0.001	0.0056	0.0121	< 0.00045
	9/22/2015	**0.0463**	< 0.001	0.0214	0.115	0.0012
	9/8/2016	**0.0121**	< 0.001	0.0124	0.0817	0.001
	12/1/2016	<0.001	<0.001	<0.001	<0.003	<0.0005
	3/9/2017	0.0028	<0.001	<0.001	<0.003	--
	6/15/2017	**0.0431**	<0.001	0.0022	0.0038	--
	9/27/2017	**0.0067**	<0.001	0.0056	0.0338	--
	12/6/2017	<0.001	<0.001	<0.001	<0.003	--
	3/15/2018	<0.001	<0.001	<0.001	<0.003	--
	6/27/2018	0.0043	<0.001	0.005	0.0123	--
	9/5/2018	<0.001	<0.001	<0.001	<0.003	--
	12/20/2018	<0.001	<0.001	<0.001	<0.003	--
	3/15/2019	<0.001	<0.001	<0.001	<0.003	<0.005
	5/29/2019	**0.0083**	<0.001	0.0017	0.0051	<0.005
	8/21/2019	<0.001	<0.001	<0.001	<0.003	<0.005
	11/21/2019	<0.001	<0.001	<0.001	<0.003	<0.005
	3/31/2020	<0.001	<0.001	<0.001	<0.003	<0.00025
	6/3/2020	<0.001	<0.001	<0.001	<0.003	--
	7/28/2020	<0.001	<0.001	<0.001	<0.003	<0.005
	10/9/2020	<0.001	<0.001	<0.001	<0.003	<0.005
	1/18/2021	<0.001	<0.001	<0.001	<0.003	<0.005
	4/22/2021	<0.001	<0.001	<0.001	<0.0015	<0.002
	9/21/2021	<0.001	<0.001	<0.001	<0.0015	<0.002
	11/29/2021	<0.001	<0.001	<0.001	<0.0015	<0.002
	2/3/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	5/25/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	8/25/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	12/15/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	3/21/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
	6/9/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
	8/11/2023	**0.0061**	<0.0020	0.0052	<0.0030	<0.0040
	11/15/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
	2/28/2024	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
MW-2	9/26/2016	<0.001	<0.001	<0.001	<0.003	<0.0005
	12/1/2016	<0.001	<0.001	<0.001	<0.003	<0.0005
	3/9/2017	<0.001	<0.001	<0.001	<0.003	--
	6/15/2017	<0.001	<0.001	<0.001	<0.003	--
	9/27/2017	<0.001	<0.001	<0.001	<0.003	--
	12/6/2017	<0.001	<0.001	<0.001	<0.003	--
	3/15/2018	<0.001	<0.001	<0.001	<0.003	--
	6/27/2018	<0.001	<0.001	<0.001	<0.003	--
	9/5/2018	<0.001	<0.001	<0.001	<0.003	--
	12/20/2018	<0.001	<0.001	<0.001	<0.003	--
	3/9/2019	<0.001	<0.001	<0.001	<0.003	<0.005

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS
State Com J #006
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total Naphthalenes (mg/L)
NMWQCC Standards		**0.005**	**1.00**	**0.70**	**0.62**	**0.03**
MW-2	5/29/2019	<0.001	<0.001	<0.001	<0.003	<0.005
	8/21/2019	<0.001	<0.001	<0.001	<0.003	<0.005
	11/21/2019	<0.001	<0.001	<0.001	<0.003	--
	3/31/2020	<0.001	<0.001	<0.001	<0.003	<0.00025
	6/3/2020	<0.001	<0.001	<0.001	<0.003	--
	7/27/2020	<0.001	<0.001	<0.001	<0.003	<0.005
	10/9/2020	<0.001	<0.001	<0.001	<0.003	<0.005
	1/18/2021	<0.001	<0.001	<0.001	<0.003	<0.005
	4/22/2021	<0.001	<0.001	<0.001	<0.0015	<0.002
	9/21/2021	<0.001	<0.001	<0.001	<0.0015	<0.002
	11/19/2021	<0.001	<0.001	<0.001	<0.0015	<0.002
	2/3/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	5/25/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	8/25/2022	<0.002	<0.002	<0.002	<0.003	<0.004
	12/15/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	3/21/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
	6/9/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
	8/11/2023	<0.0020	<0.0020	<0.0020	<0.0030	<0.0040
	11/15/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
	2/28/2024	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
MW-3	9/26/2016	<0.001	<0.001	<0.001	<0.003	<0.0005
	12/1/2016	<0.001	<0.001	<0.001	<0.003	<0.0005
	3/9/2017	<0.001	<0.001	<0.001	<0.003	--
	6/15/2017	<0.001	<0.001	<0.001	<0.003	--
	9/27/2017	<0.001	<0.001	<0.001	<0.003	--
	12/6/2017	<0.001	<0.001	<0.001	<0.003	--
	3/15/2018	<0.001	<0.001	<0.001	<0.003	--
	6/27/2018	<0.001	<0.001	<0.001	<0.003	--
	9/5/2018	<0.001	<0.001	<0.001	<0.003	--
	12/20/2018	<0.001	<0.001	<0.001	<0.003	--
	3/9/2019	<0.001	<0.001	<0.001	<0.003	<0.005
	5/29/2019	<0.001	<0.001	<0.001	<0.003	<0.005
	8/21/2019	<0.001	<0.001	<0.001	<0.003	<0.005
	11/20/2019	<0.001	<0.001	<0.001	<0.003	<0.005
	3/31/2020	<0.001	<0.001	<0.001	<0.003	<0.00025
	6/2/2020	<0.001	<0.001	<0.001	<0.003	--
	7/27/2020	<0.001	<0.001	<0.001	<0.003	<0.005
	10/9/2020	<0.001	<0.001	<0.001	<0.003	<0.005
	1/18/2021	<0.001	<0.001	<0.001	<0.003	<0.005
	4/22/2021	<0.001	<0.001	<0.001	<0.0015	<0.002
	9/21/2021	<0.001	<0.001	<0.001	<0.0015	<0.002
	11/19/2021	<0.001	<0.001	<0.001	<0.0015	<0.002
	2/3/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	5/25/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	8/25/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	12/15/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	3/21/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS
State Com J #006
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total Naphthalenes (mg/L)
NMWQCC Standards		**0.005**	**1.00**	**0.70**	**0.62**	**0.03**
MW-3	6/9/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
	8/11/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
	11/15/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
	2/28/2024	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
RW-1	5/12/2014	**1.88**	**6.27**	0.567	**8.96**	**0.109**
	5/14/2015	**0.688**	0.764	0.388	**5.65**	**0.121**
	3/9/2019	--	--	--	--	--
	5/28/2019	**0.349**	<0.025	0.240	**5.76**	**0.133**
	8/21/2019	**Not Sampled - PSH Present**				
	11/20/2019	**Not Sampled - PSH Present**				
	3/31/2020	**0.151**	<0.050	0.499	**6.77**	**0.291**
	6/3/2020	**0.156**	<0.050	0.511	**8.73**	--
	7/29/2020	**Not Sampled - PSH Present**				
	10/12/2020	**0.121**	<0.050	**1.07**	**18.1**	**0.956**
	1/18/2021	**0.0573**	<0.050	0.233	**3.30**	<0.25
	4/21/2021	**0.033**	<0.010	0.180	**2.30**	**1.052**
	9/21/2021	**Not Sampled - PSH Present**				
	11/29/2021	**0.014**	<0.008	0.180	**1.70**	**0.166**
	1/31/2022	**0.0059**	<0.002	0.130	**1.30**	**0.129**
	5/25/2022	<0.002	<0.002	0.110	**0.91**	**0.125**
	8/25/2022	<0.005	<0.005	0.067	0.380	**0.054**
	12/15/2022	<0.005	<0.005	0.160	**0.92**	**0.231**
	3/21/2023	<0.0020	<0.0020	0.057	0.310	0.016
	6/9/2023	**Not Sampled - PSH Present**				
	8/11/2023	<0.0050	<0.0050	0.056	0.30	0.015
	11/15/2023	<0.0020	<0.0020	0.052	0.330	0.016
	2/28/2024	<0.0010	<0.0010	0.013	0.086	0.0069
	6/7/2024	<0.0050	<0.0010	0.170	**1.100**	**0.051**
	12/19/2025	<0.001	<0.001	<0.001	<0.0015	<0.002
RW-2	3/9/2019	--	--	--	--	--
	5/28/2019	**0.0404**	<0.01	0.096	**1.05**	**0.056**
	9/4/2019	**0.0083**	<0.001	0.045	0.376	**0.064**
	11/20/2019	0.0026	<0.01	0.0280	0.355	0.005
	3/31/2020	0.003	<0.001	0.0385	**0.734**	0.029
	6/1/2020	<0.010	<0.010	0.0324	0.298	--
	7/29/2020	<0.002	<0.002	0.0095	0.109	0.013
	10/12/2020	<0.001	<0.001	0.0016	0.0147	<0.500
	1/18/2021	<0.001	<0.001	0.0024	0.00929	<0.005
	4/21/2021	<0.001	<0.001	0.0023	0.0099	<0.002
	9/21/2021	<0.001	<0.001	<0.001	<0.0015	<0.002
	11/29/2021	<0.001	<0.001	<0.001	0.0026	<0.002
	1/31/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	5/25/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	8/25/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	12/15/2022	<0.001	<0.001	<0.001	<0.0015	<0.004
	3/21/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
	6/9/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020

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TABLE 2
GROUNDWATER ANALYTICAL RESULTS
State Com J #006
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total Naphthalenes (mg/L)
NMWQCC Standards		**0.005**	**1.00**	**0.70**	**0.62**	**0.03**
RW-2	8/11/2023	<0.0020	<0.0020	<0.0020	<0.0030	<0.0040
	11/15/2023	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
	2/28/2024	<0.0010	<0.0010	<0.0010	<0.0015	<0.0020
RW-3	5/12/2014	**0.416**	0.889	0.153	**4.58**	**0.0596**
	3/9/2019	--	--	--	--	--
	5/28/2019	**0.386**	<0.010	0.191	**1.80**	<0.500
	8/21/2019	**Not Sampled - PSH Present**				
	11/20/2019	**Not Sampled - PSH Present**				
	3/31/2020	**0.414**	<0.100 D	0.385	**6.76**	**0.395**
	6/2/2020	**0.703**	<0.100	**2.49**	**35.7**	--
	7/29/2020	**Not Sampled - PSH Present**				
	10/12/2020	**1.28**	<0.100	0.466	**7.09**	<0.500
	1/18/2021	**0.160**	<0.100	0.181	**2.98**	<0.500
	4/21/2021	**0.110**	<0.005	0.180	**2.30**	**0.288**
	9/21/2021	**Not Sampled - PSH Present**				
	11/30/2021	**0.025**	<0.005	0.047	**0.66**	**0.176**
	2/2/2022	**0.014**	<0.005	0.037	0.53	**0.148**
	5/25/2022	**0.027**	<0.005	0.068	**0.76**	**0.260**
	8/25/2022	**0.020**	<0.002	0.0026	0.0120	<0.008
	12/15/2022	**0.044**	<0.005	0.045	0.27	**0.252**
	3/21/2023	**0.086**	<0.0050	0.048	0.20	0.02
	6/9/2023	**Not Sampled - PSH Present**				
	8/11/2023	**0.075**	<0.0050	0.071	0.170	**0.033**
	11/15/2023	**0.0042**	<0.0050	0.0052	0.010	<0.0010
	2/28/2024	0.0027	<0.0020	0.012	0.036	0.011
	6/7/2024	**0.0070**	<0.010	0.012	0.020	<0.020
	12/19/2025	**0.013**	<0.001	0.014	0.0006 J	0.026
RW-4	3/9/2019	--	--	--	--	--
	5/28/2019	**0.321**	<0.05	0.071	**5.78**	<0.250
	8/21/2019	**Not Sampled - PSH Present**				
	11/20/2019	**Not Sampled - PSH Present**				
	3/31/2020	**0.152**	<0.100 D	0.300	**5.74**	**0.385**
	6/2/2020	**Not Sampled - PSH Present**				
	7/29/2020	**Not Sampled - PSH Present**				
	10/12/2020	**0.286**	<0.100	**3.66**	**4.88**	**3.05**
	1/18/2021	<0.25	<0.25	**1.04**	**15.8**	<1.25
	4/22/2021	**0.067**	<0.01	0.250	**2.90**	**0.253**
	9/21/2021	**Not Sampled - PSH Present**				
	11/30/2021	**0.044**	<0.01	0.370	**4.60**	**0.600**
	2/2/2022	**0.022**	<0.010	0.600	**5.90**	**1.220**
	5/25/2022	**Not Sampled - PSH Present**				
	8/25/2022	**0.038**	<0.010	0.150	**1.40**	**0.178**
	12/15/2022	**0.038**	<0.010	0.200	**2.30**	**0.400**
	3/21/2023	<0.0020	<0.0020	0.0084	0.180	0.010
	6/9/2023	**Not Sampled - PSH Present**				
	8/11/2023	<0.0040	<0.0040	0.075	0.380	0.025

ENSOLUM

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
State Com J #006
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Total Naphthalenes (mg/L)
NMWQCC Standards		**0.005**	**1.00**	**0.70**	**0.62**	**0.03**
RW-4	11/15/2023	**0.0054**	<0.0050	0.130	**0.670**	**0.085**
	2/28/2024	<0.010	<0.010	0.060	0.320	0.034
	6/7/2024	<0.0080	<0.020	0.085	0.570	**0.060**
	12/19/2025	<0.010	<0.010	0.094	**1.30**	**0.160**

Notes:

mg/L: milligrams per liter

ND: not detected, practical quantitation limit unknown

NMWQCC: New Mexico Water Quality Control Commission

--: not analyzed

<0.037: indicates result less than the stated laboratory reporting limit (PQL)

PSH: phase separated hydrocarbons

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

ENSOLUM

APPENDIX A

Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/5/2026 2:18:02 PM

JOB DESCRIPTION

State Com J6

JOB NUMBER

885-40211-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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

Authorization

Generated
1/5/2026 2:18:02 PM

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

Client: Hilcorp Energy
Project/Site: State Com J6

Laboratory Job ID: 885-40211-1

Table of Contents

Definitions/Glossary

Client: Hilcorp Energy Job ID: 885-40211-1
Project/Site: State Com J6

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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: State Com J6

Job ID: 885-40211-1

Job ID: 885-40211-1 — Eurofins Albuquerque

Job Narrative
885-40211-1

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 12/23/2025 7:40 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 0.6°C.

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

Client Sample Results

Client: Hilcorp Energy
Project/Site: State Com J6

Job ID: 885-40211-1

Client Sample ID: RW-1

Date Collected: 12/19/25 09:00
Date Received: 12/23/25 07:40

Lab Sample ID: 885-40211-1

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.15	ug/L			01/01/26 23:33	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/01/26 23:33	1
Toluene	ND		1.0	0.20	ug/L			01/01/26 23:33	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/01/26 23:33	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/01/26 23:33	1
Naphthalene	ND		2.0	1.0	ug/L			01/01/26 23:33	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/01/26 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*01/01/26 23:33*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*01/01/26 23:33*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*01/01/26 23:33*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*01/01/26 23:33*	*1*

Client Sample Results

Client: Hilcorp Energy
Project/Site: State Com J6

Job ID: 885-40211-1

Client Sample ID: RW-3

Date Collected: 12/19/25 09:45
Date Received: 12/23/25 07:40

Lab Sample ID: 885-40211-2

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**13**		1.0	0.15	ug/L			01/02/26 00:00	1
Ethylbenzene	**14**		1.0	0.20	ug/L			01/02/26 00:00	1
Toluene	ND		1.0	0.20	ug/L			01/02/26 00:00	1
Xylenes, Total	**0.60**	**J**	1.5	0.20	ug/L			01/02/26 00:00	1
2-Methylnaphthalene	**42**		4.0	1.5	ug/L			01/02/26 00:00	1
Naphthalene	**26**		2.0	1.0	ug/L			01/02/26 00:00	1
1-Methylnaphthalene	**43**		4.0	1.5	ug/L			01/02/26 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*01/02/26 00:00*	*1*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*		*01/02/26 00:00*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*01/02/26 00:00*	*1*
Toluene-d8 (Surr)	*83*		*70 - 130*		*01/02/26 00:00*	*1*

Client Sample Results

Client: Hilcorp Energy
Project/Site: State Com J6

Job ID: 885-40211-1

Client Sample ID: RW-4

Date Collected: 12/19/25 10:45
Date Received: 12/23/25 07:40

Lab Sample ID: 885-40211-3

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		10	1.5	ug/L			01/02/26 00:27	10
Ethylbenzene	**94**		10	2.0	ug/L			01/02/26 00:27	10
Toluene	ND		10	2.0	ug/L			01/02/26 00:27	10
Xylenes, Total	**1300**		15	2.0	ug/L			01/02/26 00:27	10
2-Methylnaphthalene	**270**		40	15	ug/L			01/02/26 00:27	10
Naphthalene	**160**		20	10	ug/L			01/02/26 00:27	10
1-Methylnaphthalene	**150**		40	15	ug/L			01/02/26 00:27	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*		*01/02/26 00:27*	*10*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*		*01/02/26 00:27*	*10*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*01/02/26 00:27*	*10*
Toluene-d8 (Surr)	*101*		*70 - 130*		*01/02/26 00:27*	*10*

QC Sample Results

Client: Hilcorp Energy
Project/Site: State Com J6

Job ID: 885-40211-1

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

Lab Sample ID: MB 885-40738/4
Matrix: Water
Analysis Batch: 40738

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.15	ug/L			01/01/26 19:54	1
Ethylbenzene	ND		1.0	0.20	ug/L			01/01/26 19:54	1
Toluene	ND		1.0	0.20	ug/L			01/01/26 19:54	1
Xylenes, Total	ND		1.5	0.20	ug/L			01/01/26 19:54	1
2-Methylnaphthalene	ND		4.0	1.5	ug/L			01/01/26 19:54	1
Naphthalene	ND		2.0	1.0	ug/L			01/01/26 19:54	1
1-Methylnaphthalene	ND		4.0	1.5	ug/L			01/01/26 19:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*01/01/26 19:54*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*01/01/26 19:54*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*01/01/26 19:54*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/01/26 19:54*	*1*

Lab Sample ID: LCS 885-40738/3
Matrix: Water
Analysis Batch: 40738

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	19.8		ug/L		99	70 - 130		
Toluene			20.0	20.7		ug/L		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

QC Association Summary

Client: Hilcorp Energy
Job ID: 885-40211-1
Project/Site: State Com J6

GC/MS VOA

Analysis Batch: 40738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40211-1	RW-1	Total/NA	Water	8260B	
885-40211-2	RW-3	Total/NA	Water	8260B	
885-40211-3	RW-4	Total/NA	Water	8260B	
MB 885-40738/4	Method Blank	Total/NA	Water	8260B	
LCS 885-40738/3	Lab Control Sample	Total/NA	Water	8260B	

Lab Chronicle

Client: Hilcorp Energy
Project/Site: State Com J6

Job ID: 885-40211-1

Client Sample ID: RW-1
Date Collected: 12/19/25 09:00
Date Received: 12/23/25 07:40

Lab Sample ID: 885-40211-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40738	JP	EET ALB	01/01/26 23:33

Client Sample ID: RW-3
Date Collected: 12/19/25 09:45
Date Received: 12/23/25 07:40

Lab Sample ID: 885-40211-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40738	JP	EET ALB	01/02/26 00:00

Client Sample ID: RW-4
Date Collected: 12/19/25 10:45
Date Received: 12/23/25 07:40

Lab Sample ID: 885-40211-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		10	40738	JP	EET ALB	01/02/26 00:27

Laboratory References:

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

Accreditation/Certification Summary

Client: Hilcorp Energy
Job ID: 885-40211-1
Project/Site: State Com J6

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

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

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	1-Methylnaphthalene
8260B		Water	2-Methylnaphthalene
8260B		Water	Benzene
8260B		Water	Ethylbenzene
8260B		Water	Naphthalene
8260B		Water	Toluene
8260B		Water	Xylenes, Total

Oregon	NELAP	NM100001	02-25-26

Chain-of-Custody Record

Client: Hilcorp Farmington NM

Mailing Address: 382 Road 3100 Aztec, NM 87410

Billing Address: PO Box 61529 Houston, TX 77208

Phone #: 505-486-9543

email or Fax#: Brandon.Sinclair@hilcorp.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

X Standard ☐ Rush

Project Name:

State Com J6

Project #:

Project Manager:

Kate Kaufman

Sampler: Brandon Sinclair

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.4+0.2=0.6

HALL ENVIRONMENTAL ANALYSIS LABOR

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87

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

885-40211 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX Method 8260	Naphthalene, 1-Methylnaphthalene, 2-Methylnaphthalene
12-19	900	Water	RW-1	(3) 40ml VOA	HCL		X	X
12-19	945	Water	RW-3	(3) 40ml VOA	HCL		X	X
12-19	1045	Water	RW-4	(3) 40ml VOA	HCL		X	X

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
12/22/25	1547				12/22/25	1547
12/22/25	1730			courier	12/23/25	7:40

Remarks: Special Pricing See Andy

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: 885-40211-1

Login Number: 40211
List Number: 1
Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

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

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 568714
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
owen.sitler	1) Maintain groundwater monitoring annually as prescribed.	5/15/2026
owen.sitler	2) Submit to OCD the 2026 Annual Groundwater Report no later than April 2, 2027.	5/15/2026