1. Continue O&M & sampling as stated in report. 2. Submit next quarterly report by January 15, 2025.

October 14, 2024

New Mexico Oil Conservation Division

New Mexico Energy, Minerals, and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Third Quarter 2024 – Solar SVE System Update

> Bell Federal GC B#1 San Juan County, New Mexico Hilcorp Energy Company NMOCD Incident Number: NCS1729355513

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this Third Quarter 2024 - Solar SVE System Update report summarizing the solar soil vapor extraction (SVE) system performance at the Bell Federal GC B#1 natural gas production well (Site), located in Section 11, Township 30 North, Range 13 West in San Juan County, New Mexico (Figure 1). The SVE system has operated since January 16, 2018, to remediate subsurface soil impacts originating from a release of approximately 58 barrels (bbls) of natural gas condensate caused by an act of vandalism. This report summarizes Site activities performed in July. August, and September of 2024 to the New Mexico Oil Conservation Division (NMOCD).

SVE SYSTEM SPECIFICATIONS

Currently, a solar SVE system is operating at the Site, which consists of a 1/3-horsepower blower capable of producing 22 cubic feet per minute (cfm) flow at a vacuum of 29 inches of water column (IWC); three solar panels, with a total of 915 watts of maximum power output; and charged by four 12volt deep cycle batteries that subsequently power the SVE blower. The system operation is controlled by a timer adjusted throughout the year based on available nominal daylight hours (generally nine hours per day during the winter and 14 hours per day during the summer). Four SVE wells (SVE01 through SVE04) are currently present at the Site as depicted on Figure 2.

THIRD QUARTER 2024 ACTIVITIES

During the third quarter of 2024, Ensolum and Hilcorp personnel performed bi-weekly operation and maintenance (O&M) visits to verify the system was operating as designed and to perform any required maintenance. During Site visits, the system timer and the angle of the solar panels were adjusted to account for seasonal variations and maximize system efficiency. Field notes collected during O&M visits are presented in Appendix A.

During the third guarter of 2024, SVE wells SVE02, SVE03, and SVE04 were operated to induce air flow in the impacted zones at the Site. Between June 30, 2024 and September 18, 2024, approximately 1,053 total hours of nominal daylight were available for the solar SVE system to operate. Available nominal daylight hours are based on estimates by the National Oceanic and Atmospheric Administration's (NOAA's) National Weather Service (NWS) for the Site location. Between these dates,

Hilcorp Energy Company Third Quarter 2024 – Solar SVE System Update Bell Federal GC B#1



the actual runtime for the system was 951.3 hours, equating to a third quarter 2024 runtime efficiency of 90.3 percent (%). Table 1 presents the SVE system runtime compared to nominal available daylight hours per month. No alarms aside from the routine daily "OFF" alarms, which notify personnel that the system has shut down due to lack of available battery power at the end of each day, were noted during that time period and the system was on upon arrival for each O&M visit. Appendix B presents photographs of the runtime meter for calculating the third quarter runtime efficiency.

A third quarter 2024 vapor sample was collected on September 18, 2024, from a sample port located between the SVE piping manifold and the SVE blower using a high vacuum air sampler. Prior to collection, the vapor sample was field screened with a photoionization detector (PID) for organic vapor monitoring (OVM). The vapor sample was collected directly into two 1-Liter Tedlar® bags and analyzed by Hall Environmental Analysis Laboratory for analysis of total volatile petroleum hydrocarbons (TVPH – also known as total petroleum hydrocarbons – gasoline range organics (TPH-GRO)) via United States Environmental Protection Agency (EPA) Method 8015D and volatile organic compounds (VOCs) following EPA Method 8260B, as well as fixed gas analysis of oxygen and carbon dioxide following American Society for Testing and Materials (ASTM) Method D-1946. Table 2 presents a summary of analytical data collected during this sampling event and historical sampling events, with the full laboratory analytical report included as Appendix C.

Vapor sample data and measured stack flow rates are used to estimate total mass recovered and total emissions generated by the SVE system (Table 3). Based on these estimates, 50,131 pounds (25 tons) of TVPH have been removed by the system to date.

DISCUSSION AND RECOMMENDATIONS

During the second quarter of 2024, it was noted that the total system influent PID reading is consistently lower than the PID readings from both SVE03 and SVE04. Hilcorp personnel checked for leaks and verified the dilution air valve was properly closed, and it was determined that no ambient air was being introduced into the process stream. During the third quarter of 2024, personnel added sample ports to the legs associated with wells SVE01, SVE02, and SVE04 and collected individual well flow readings using a pitot tube to determine whether the majority of the total system flow is coming from SVE02, the location with the lowest PID reading. The individual flow readings indicated that a larger flow rate is coming from SVE well SVE04 and not SVE02. Adjustments will continue to be made to the system in order to maximize mass removal rates once individual well flow rates have been obtained.

Bi-weekly O&M visits will continue to be performed by Ensolum and/or Hilcorp personnel to verify the SVE system is operating within normal working ranges (i.e., temperature, pressure, and vacuum). Deviations from regular operations will be noted on field logs and included in the following quarterly report. Hilcorp will continue operating the SVE system until asymptotic conditions are observed. At that time, an evaluation of residual petroleum hydrocarbons will be assessed and further recommendations for remedial actions, if any, will be provided to NMOCD.

Hilcorp Energy Company Third Quarter 2024 – Solar SVE System Update Bell Federal GC B#1



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

Stuart Hyde, LG (licensed in WA & TX) Senior Managing Geologist (970) 903-1607 shyde@ensolum.com Daniel R. Moir, PG (licensed in WY & TX) Senior Managing Geologist (303) 887-2946 dmoir@ensolum.com

Attachments:

Figure 1 Site Location

Figure 2 SVE System Configuration

Table 1 Soil Vapor Extraction System Runtime Calculations

Table 2 Soil Vapor Extraction System Emissions Analytical Results
Table 3 Soil Vapor Extraction System Mass Removal and Emissions

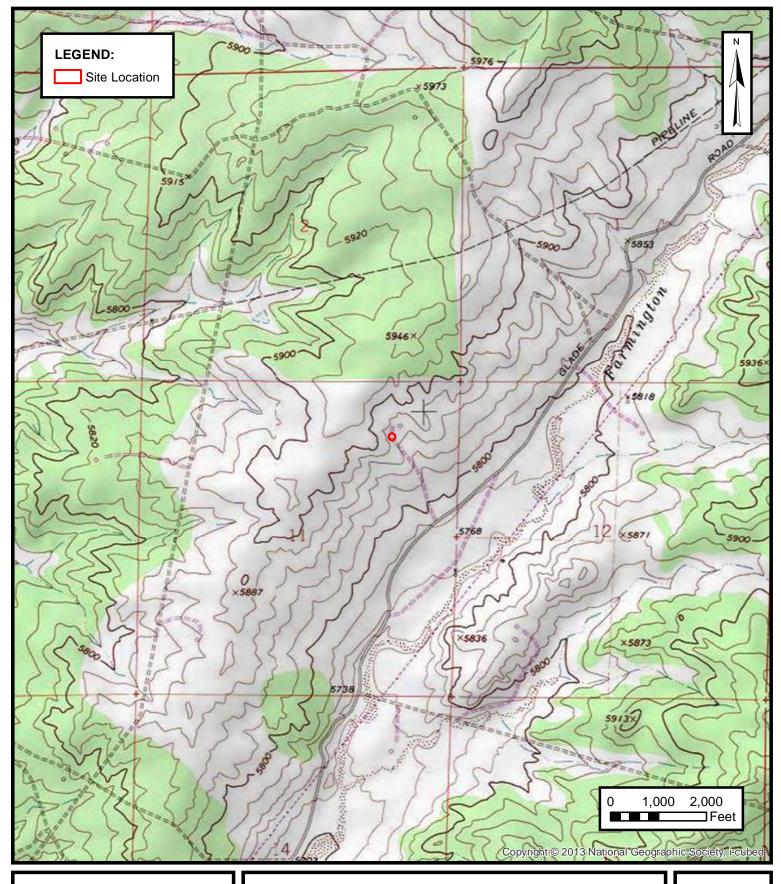
Appendix A Field Notes

Appendix B Project Photographs

Appendix C Laboratory Analytical Reports



Figures





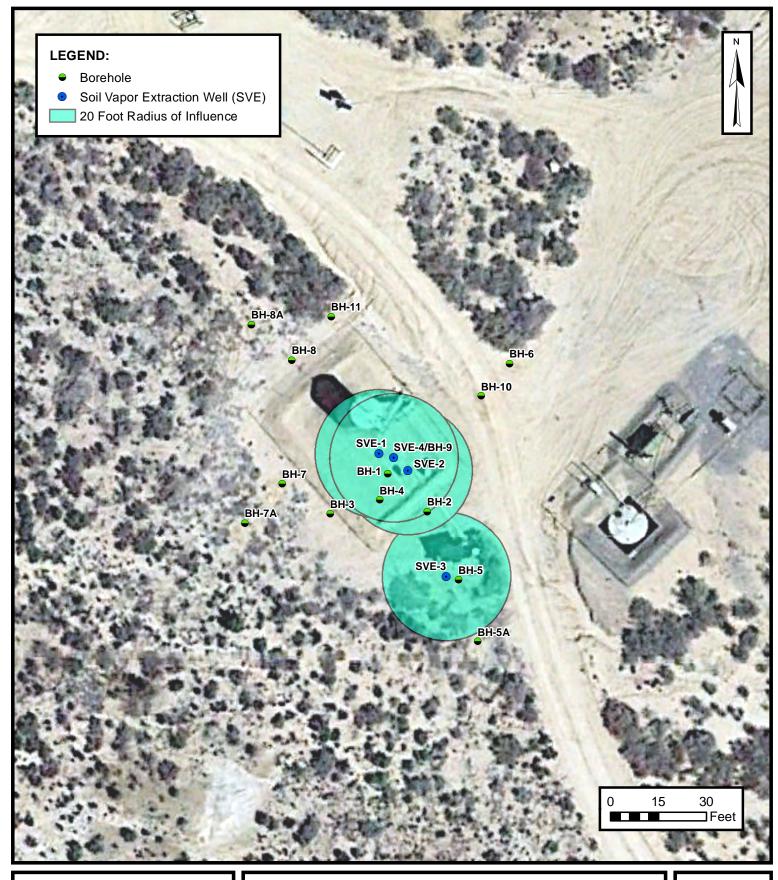
SITE LOCATION

HILCORP ENERGY COMPANY BELL FEDERAL GC B#1 San Juan County, New Mexico 36.832426° N, 108.167760° W

PROJECT NUMBER: 07A1988001

FIGURE

1





SVE SYSTEM CONFIGURATION

HILCORP ENERGY COMPANY BELL FEDERAL GC B#1 San Juan County, New Mexico 36.832426° N, 108.167760° W

PROJECT NUMBER: 07A1988001

FIGURE

2



Tables



TABLE 1 SOIL VAPOR EXTRACTION SYSTEM RUNTIME CALCULATIONS

Bell Federal GC B#1 Hilcorp Energy Company San Juan County, New Mexico

Date	Total Operational Hours	Delta Hours
6/30/2024	24,927.2	
9/18/2024	25,878.5	951.3

Time Period	July 1 to July 31, 2024	August 1 to August 31, 2024	September 1 to September 18, 2024
Days	31	31	18
Avg. Nominal Daylight Hours	14	13	12
Available Runtime Hours	434	403	216

Quarterly Available Daylight Runtime Hours 1,053
Quarterly Runtime Hours 951.3
Quarterly % Runtime 90.3%

Month	Days	Nominal Daylight Hours	Total Month Hours
January	31	10	310
February	28	10	280
March	31	11	341
April	30	12	360
May	31	13	403
June	30	14	420
July	31	14	434
August	31	13	403
September	30	12	360
October	31	11	341
November	30	10	300
December	31	9	279

Ensolum 1 of 1



TABLE 2

SOIL VAPOR EXTRACTION SYSTEM EMISSIONS ANALYTICAL RESULTS

Bell Federal GC B#1 Hilcorp Energy Company San Juan County, New Mexico

Date	Inlet PID (ppm)	Benzene (µg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)	TVPH/GRO (μg/L)	Oxygen (%)	Carbon Dioxide (%)
1/24/2018	1,435	280	200	<5.0	38.0	30,000		
8/17/2018	1,873	160	380	21.0	320	18,000		
3/22/2019	1,607	490	920	24.0	480	NA		
6/18/2019	1,026	72.0	270	27.0	290	NA		
9/25/2019	1,762	220	480	21.0	440	35,000		
12/16/2019	1,902	130	840	21.0	220	22,000		
3/10/2020	1,171	120	380	19.0	330	31,000		
6/25/2020	978.0	180	430	25.0	480	45,000		
9/16/2020	1,766	186	433	18.0	497	32,100	18.2%	3.29%
12/8/2020	1,741	114	292	10.6	324	16,000	17.3%	4.45%
3/23/2021	1,252	45	86.3	2.3	95.4	7,930	20.2%	<0.500%
6/10/2021	165.8	8.5	20	<0.50	20.0	5,700	17.3%	2.21%
9/8/2021	NM	130	240	5.9	150	33,000		
12/15/2021	1,374	95	160	11.0	220	24,098	16.32%	3.32%
3/16/2022	1,096	53	120	<0.50	82	26,000	16.80%	3.01%
6/16/2022	708	24	69	<5.0	38	13,000	21.01%	0.82%
9/8/2022	545	50.2	129	4.99	612	10,500	17.70%	2.80%
12/7/2022	675	52	74	<5.00	35	13,000	16.98%	3.68%
3/9/2023	1,285	54	120	<2.5	54	15,000	16.88%	4.03%
6/23/2023	1,109	27	55	<2.5	38	13,000	17.03%	3.63%
8/24/2023	1,290	25	60	<5.0	38	9,600	16.74%	3.62%
11/20/2023	739.8	35	83	<2.5	40	9,500	18.18%	2.89%
3/7/2024	486.8	18	44	<5.0	21	4,800	17.63%	2.28%
6/10/2024	412.4	22	53	<2.5	37	5,900	19.22%	2.20%
9/18/2024	487.5	180	400	<20	170	4,700	18.78%	2.49%

Notes:

GRO: gasoline range hydrocarbons

μg/L: microgram per liter
PID: photoionization detector

ppm: parts per million

TVPH: total volatile petroleum hydrocarbons

%: percent

--: not sampled

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

Ensolum 1 of 1



TABLE 3
SOIL VAPOR EXTRACTION SYSTEM MASS REMOVAL AND EMISSIONS
Bell Federal GC B#1
Hilcorp Energy Company
San Juan County, New Mexico

Date	Inlet PID (ppm)	Benzene (μg/L)	Toluene (μg/L)	Ethylbenzene (μg/L)	Total Xylenes (μg/L)	TVPH (μg/L)
1/24/2018	1,435	280	200	5.0	38	30,000
8/17/2018	1,873	160	380	21	320	18,000
3/22/2019	1,607	490	920	24	480	
6/18/2019	1,026	72	270	27	290	-
9/25/2019	1,762	220	480	21	440	35,000
12/16/2019	1,902	130	840	21	220	22,000
3/10/2020	1,171	120	380	19	330	31,000
6/25/2020	978	180	430	25	480	45,000
9/16/2020	1,766	186	433	18	497	32,100
12/8/2020	1,741	114	292	11	324	16,000
3/23/2021	1,252	45	86	2	95	7,930
6/10/2021	166	9	20	0.50	20	5,700
9/8/2021	-	130	240	6	150	33,000
12/15/2021	1,374	95	160	11	220	24,098
3/16/2022	1,096	53	120	0.50	82	26,000
6/16/2022	708	24	69	5.0	38	13,000
9/8/2022	545	50	129	4.99	612	10,500
12/7/2022	675	52	74	5.0	35	13,000
3/9/2023	1,285	54	120	2.5	54	15,000
6/23/2023	1,109	27	55	2.5	38	13,000
8/24/2023	1,290	25	60	5.0	38	9,600
11/20/2023	740	35	83	2.5	40	9,500
3/7/2024	487	18	44	5.0	21	4,800
6/10/2024	412	22	53	2.5	37	5,900
9/18/2024	488	180	400	20.0	170	4,700
Average	1.120	111	254	11	203	18,471

Vapor Extraction Summary

Date	Flow Rate (cfm)	Total System Flow (cf)	Delta Flow (cf)	Benzene (lb/hr)	Toluene (lb/hr)	Ethylbenzene (lb/hr)	Total Xylenes (lb/hr)	TVPH (lb/hr)
1/24/2018	40	164,400	164,400	0.042	0.030	0.001	0.0057	4.5
8/17/2018	33	5,240,130	5,075,730	0.027	0.036	0.0016	0.022	3.0
3/22/2019	32	9,176,130	3,936,000	0.039	0.078	0.0027	0.048	-
6/18/2019	32	11,096,130	1,920,000	0.034	0.071	0.0031	0.046	
9/25/2019	33	13,610,730	2,514,600	0.018	0.046	0.0030	0.045	3.3
12/16/2019	32	15,513,450	1,902,720	0.021	0.079	0.0025	0.039	3.4
3/10/2020	29	17,246,490	1,733,040	0.014	0.066	0.0022	0.030	2.9
6/25/2020	29	19,123,950	1,877,460	0.016	0.044	0.0024	0.044	4.1
9/16/2020	31	20,825,850	1,701,900	0.021	0.050	0.0025	0.057	4.5
12/8/2020	30	22,049,850	1,224,000	0.017	0.041	0.0016	0.046	2.7
3/23/2021	30	23,122,650	1,072,800	0.0089	0.021	0.00073	0.024	1.3
6/10/2021	33	23,514,690	392,040	0.0033	0.0066	0.00017	0.0071	0.84
9/8/2021	33	23,831,490	316,800	0.0085	0.0160	0.00039	0.010	2.4
12/15/2021	33	26,136,210	2,304,720	0.014	0.025	0.0010	0.023	3.5
3/16/2022	33	27,701,202	1,564,992	0.0091	0.017	0.00071	0.019	3.1
6/16/2022	25	29,520,102	1,818,900	0.0036	0.009	0.00026	0.0056	1.8
9/8/2022	31	31,835,244	2,315,142	0.0043	0.011	0.00058	0.038	1.4
12/7/2022	29	34,162,320	2,327,076	0.0055	0.011	0.00054	0.035	1.3
3/9/2023	29	36,239,184	2,076,864	0.0057	0.011	0.00041	0.0048	1.5
6/23/2023	29	38,718,336	2,479,152	0.0044	0.0095	0.00027	0.0050	1.5
8/24/2023	29	40,107,552	1,389,216	0.0028	0.0062	0.0004	0.0041	1.2
11/20/2023	28	41,872,560	1,765,008	0.0031	0.0075	0.0004	0.0041	1.0
3/7/2024	27	43,380,942	1,508,382	0.0027	0.0064	0.0004	0.0031	0.72
6/10/2024	27	44,988,306	1,607,364	0.0020	0.0049	0.0004	0.0029	0.54
9/18/2024	32	47,237,970	2,249,664	0.012	0.027	0.0013	0.012	0.63
			Average	0.014	0.029	0.001	0.023	2.2

				mass recovery				
Date	Total SVE System Hours	Delta Hours	Benzene (pounds)	Toluene (pounds)	Ethylbenzene (pounds)	Total Xylenes (pounds)	TVPH (pounds)	TVPH (tons)
1/24/2018	69	69	2.9	2.0	0.051	0.39	307	0.15
8/17/2018	2,632	2,564	70	92	4.1	57	7,593	3.8
3/22/2019	4,682	2,050	80	159	5.5	98		-
6/18/2019	5,682	1,000	33.6	71	3.1	46		-
9/25/2019	6,952	1,270	23	59	3.8	57	4,154	2.1
12/16/2019	7,943	991	21	78	2.5	39	3,380	1.7
3/10/2020	8,939	996	14	66	2.2	30	2,863	1.4
6/25/2020	10,018	1,079	18	47	2.6	47	4,447	2.2
9/16/2020	10,933	915	19	46	2.3	52	4,090	2.0
12/8/2020	11,613	680	11.4	28	1.1	31	1,835	0.92
3/23/2021	12,209	596	5.3	12.6	0.43	14.0	800	0.40
6/10/2021	12,407	198	0.66	1.30	0.035	1.41	167	0.083
9/8/2021	12,567	160	1.4	2.6	0.06	1.7	382	0.19
12/15/2021	13,731	1,164	16	29	1.2	27	4,101	2.1
3/16/2022	14,521	790	7.2	14	0.561	14.7	2,444	1.2
6/16/2022	15,734	1,213	4.4	11	0.31	6.8	2,211	1.1
9/8/2022	16,979	1,245	5.4	14	0.72	46.9	1,696	0.8
12/7/2022	18,316	1,337	7.4	15	0.72	46.9	1,704	0.9
3/9/2023	19,510	1,194	6.9	13	0.49	5.8	1,812	0.9
6/23/2023	20,935	1,425	6.3	14	0.39	7.1	2,164	1.1
8/24/2023	21,733	798	2.3	5.0	0.32	3.3	979	0.49
11/20/2023	22,784	1,051	3.3	7.9	0.41	4.3	1,051	0.53
3/7/2024	23,715	931	2.5	6.0	0.35	2.9	672	0.34
6/10/2024	24,707	992	2.0	4.9	0.38	2.9	536	0.27
9/18/2024	25,879	1,172	14	32	1.6	15	743	0.37
	Total Ma	ss Recovery to Date	377	828	35	658	50,131	25

Notes:
cf: cubic feet
cfm: cubic feet per minute
µg/L: micrograms per liter
Ib/hr: pounds per hour
-: not sampled

PID: photolonization detector
ppm: parts per million
TVPH: total volatile petroleum hydrocarbons
gray: laboratory reporting limit used for calculating emissions



APPENDIX A

Field Notes

BELL FEDERAL GC B1 SVE SYSTEM BIWEEKLY O&M FORM

Page 12 of 45

	SVE	SYSTEM - MONTHLY O&M		to the parties the second of the second second
CY 177 177 177 177 177 177 177 177 177 17	SVE			
SVE ALARMS:[KO TANK HIGH LEVEL		
			TIME	R SETTINGS
CVE CVCTEM			Month	Timer Setting
SVE SYSTEM	READING	TIME	January	8 AM to 7 PM
Blower Hours (take photo)	23101.4	1238	February	8 AM to 7 PM
Pre K/O Vacuum (IWC) nermal Anemometer Flow (fpm)	16		March	8 AM to 8 PM
Thermal Anemometer Temp (C)	7076		April	8 AM to 9 PM
Inlet PID	43,95		May	7 AM to 9 PM
Exhaust PID	969.9		June	6 AM to 9 PM
Solar Panel Angle	544.8		July	6 AM to 9 PM
K/O Tank Drum Level			August	7 AM to 9 PM
K/O Liquid Drained (gallons)			September	8 AM to 9 PM
Timer Setting			October	8 AM to 8 PM
Heat Trace (on/off)			November	9 AM to 8 PM
ricat riace (on/oil)	Property and the second of the		December	8 AM to 6 PM
SAMPLE ID: Analytes: T OPERATING WELLS	SVE SYS: VPH (8015), VOCs (8260), Fix	FEM - QUARTERLY SAMPLE SAMPLE TIME ed Gas (CO/CO2/O2)		
Analytes: T		SAMPLE TIME		
Analytes: T OPERATING WELLS		SAMPLE TIME ed Gas (CO/CO2/O2)		
Analytes: TOPERATING WELLS hange in Well Operation:	VPH (8015), VOCs (8260), Fix	SAMPLE TIME		
Analytes: TOPERATING WELLS hange in Well Operation: LOCATION	VPH (8015), VOCs (8260), Fix	SAMPLE TIME ed Gas (CO/CO2/O2)		
Analytes: TOPERATING WELLS hange in Well Operation: LOCATION SVE01	VPH (8015), VOCs (8260), Fix	SAMPLE TIME ed Gas (CO/CO2/O2)		
Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02	VPH (8015), VOCs (8260), Fix	PID HEADSPACE (PPM)		
Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04	VPH (8015), VOCs (8260), Fixed VACUUM (IWC)	PID HEADSPACE (PPM)		
Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04	VPH (8015), VOCs (8260), Fixed VACUUM (IWC)	PID HEADSPACE (PPM)		COMMENTS
Analytes: TOPERATING WELLS hange in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 DUCT RECOVERY	VPH (8015), VOCs (8260), Fixed VACUUM (IWC) 16.72 16.45 17.14	PID HEADSPACE (PPM) 29.7 585 1637	ADJUSTMENTS	COMMENTS
Analytes: TOPERATING WELLS hange in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 DUCT RECOVERY LOCATION	VPH (8015), VOCs (8260), Fixed VACUUM (IWC) 16.72 16.45 17.14	PID HEADSPACE (PPM) 29.7 585 1637	ADJUSTMENTS	COMMENTS
Analytes: TOPERATING WELLS hange in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 DUCT RECOVERY LOCATION SVE-1	VPH (8015), VOCs (8260), Fixed VACUUM (IWC) 16.72 16.45 17.14	PID HEADSPACE (PPM) 29.7 585 1637	ADJUSTMENTS	COMMENTS
Analytes: TOPERATING WELLS hange in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 DUCT RECOVERY LOCATION SVE-1 SVE-2RS	VPH (8015), VOCs (8260), Fixed VACUUM (IWC) 16.72 16.45 17.14	PID HEADSPACE (PPM) 29.7 585 1637	ADJUSTMENTS	COMMENTS
Analytes: TOPERATING WELLS hange in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 DUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4	VPH (8015), VOCs (8260), Fixed VACUUM (IWC) 16.72 16.45 17.14	PID HEADSPACE (PPM) 29.7 585 1637	ADJUSTMENTS	COMMENTS
Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 DUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S	VPH (8015), VOCs (8260), Fixed VACUUM (IWC) 16.72 16.45 17.14	PID HEADSPACE (PPM) 29.7 585 1637	ADJUSTMENTS	COMMENTS
Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 DUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S SVE-13S	VPH (8015), VOCs (8260), Fixed VACUUM (IWC) 16.72 16.45 17.14 DEPTH TO PRODUCT	PID HEADSPACE (PPM) 29.7 585 1637	ADJUSTMENTS	COMMENTS

Location Ben Feel

_____ Date 7/24/24

Project / Client ____HEC Ec Truck 1330 Econ Site to install Pitor subcs Pitot tubes installed on all wells except syE03, Vac: 16 INC Diff pressure: SUEOI 0.01 SVE 02 0.01 SUE0\$ 0.02 Remove: 68 ounces of PSH 3 gais total from SVEO3

Rite in the Rein.

BELL FEDERAL GC B1 SVE SYSTEM BIWEEKLY O&M FORM

READING 25267.2		TIMER	
READING 25267.2			SETTINGS
READING 25267.2		Month	Timer Setting
25267.2	TIME	January	8 AM to 7 PM
	1234	February	8 AM to 7 PM
16		March	8 AM to 8 PM
924,9		April	8 AM to 9 PM
40.15		May	7 AM to 9 PM
400.1		June	6 AM to 9 PM
648.7		July	6 AM to 9 PM
		August	7 AM to 9 PM
		September	8 AM to 9 PM
		October	8 AM to 8 PM
		November	9 AM to 8 PM
		December	8 AM to 6 PM
TAY CAMP ((IIVC)	T DID HEADSDACE (DDM)	ADJUSTMENTS	
VACUUM (IWC)	I ID HEADSI ACE (I I M)		
		TIDUCSTIVILLATIS	
16.78		TIDUCSTIVILLATIS	
16.78	77.3	TIDUCITIVILIATIO	
16.51	77.3		
		TIDUCISTIVILLATIO	
17.23	77.3		COMMENTS
	77.3	ECOVERED VOLUM	COMMENTS
17.23	77.3		COMMENTS
DEPTH TO PRODUCT	77.3		COMMENTS
17.23	77.3		COMMENTS
	400.1 648.7 SVE SYST	SVE SYSTEM - QUARTERLY SAMPLI SAMPLE TIME: TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2)	June July August September October November December SVE SYSTEM - QUARTERLY SAMPLING SAMPLE TIME: TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2)

BELL FEDERAL GC B1 SVE SYSTEM BIWEEKLY O&M FORM

		EEKLY O&M FORM		
TIME ONSITE:	8-12	O&M PERSONNEL: TIME OFFSITE:	- Committee of the comm	ir
	SVE CY	VOTEM MONTHLY ORM		
	SVES	YSTEM - MONTHLY O&M		
SVE ALARMS:		KO TANK HIGH LEVEL		
		RO THUR MOIT EEVEE		
			TIM	ER SETTINGS
			Month	Timer Setting
SVE SYSTEM	READING	TIME	January	8 AM to 7 PM
Blower Hours (take photo)	25431.4	1304	February	8 AM to 7 PM
Pre K/O Vacuum (IWC)	15	V	March	8 AM to 8 PM
hermal Anemometer Flow (fpm)	986.1		April	8 AM to 9 PM
Thermal Anemometer Temp (C)	41.85		May	7 AM to 9 PM
Inlet PID	354.8		June	6 AM to 9 PM
Exhaust PID	681.4		July	6 AM to 9 PM
Solar Panel Angle			August	7 AM to 9 PM
K/O Tank Drum Level			September	8 AM to 9 PM
K/O Liquid Drained (gallons)			October	8 AM to 8 PM
Timer Setting			November	9 AM to 8 PM
Heat Trace (on/off)			December	8 AM to 6 PM
			7.0	
	SVE SYST	EM - QUARTERLY SAMPLIN		
SAMPLE ID:		SAMPLE TIME:		
Analytes:	TVPH (8015), VOCs (8260), Fixe	d Gas (CO/CO2/O2)		
OPERATING WELLS				
Change in Well Operation:				
Change in Wen Operation				
	VACUUM (IWC)	PID HEADSPACE (PPM)	ADJUSTMENTS	
LOCATION	VACOUN (IWC)	TID TID TID STATE (FIRST		
SVE01	16.76	91.4		
SVE02	11.48	712.7		
SVE03	17,22	712.7		
SVE04				
COVEDY				
PRODUCT RECOVERY	DEPTH TO PRODUCT	DEPTH TO WATER	ECOVERED VOLUM	COMMENTS
LOCATION	The second secon			
SVE-1				
SVE-2RS				
SVE-4 SVE-11S				
SVE-11S SVE-13S				
SVE-135 SVE-14S				
COMMENTS/OTHER MAINTEN.	ANCE:			
COMMENTS				
			· ·	

BELL FEDERAL GC B1 SVE SYSTEM

Page 16 of 45

	SVE S	YSTEM - MONTHLY O&M		
SVE ALARMS:		KO TANK HIGH LEVEL		
			TIME	R SETTINGS
			Month	Timer Setting
SVE SYSTEM	READING	TIME	January	8 AM to 7 PM
Blower Hours (take photo)	25560.8	TIME	February	8 AM to 7 PM
Pre K/O Vacuum (IWC)	1/	1120	March	8 AM to 8 PM
nermal Anemometer Flow (fpm)	1167		April	8 AM to 9 PM
Thermal Anemometer Temp (C)	34 36		May	7 AM to 9 PM
Inlet PID	3/63		June	6 AM to 9 PM
Exhaust PID	536.8		July	6 AM to 9 PM
Solar Panel Angle	280.0		August	7 AM to 9 PM
K/O Tank Drum Level			September	8 AM to 9 PM
K/O Liquid Drained (gallons)			October	8 AM to 8 PM
Timer Setting			November	9 AM to 8 PM
Heat Trace (on/off)	· · · · · · · · · · · · · · · · · · ·		December	8 AM to 6 PM
OPERATING WELLS	VPH (8015), VOCs (8260), Fixe	SAMPLE TIME: ed Gas (CO/CO2/O2)		
Analytes: TV	PH (8015), VOCs (8260), Fixe			
Analytes: TV OPERATING WELLS Change in Well Operation:	VACUUM (IWC)		ADJUSTMENTS	
Analytes: TV OPERATING WELLS		PID HEADSPACE (PPM)		
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION		PID HEADSPACE (PPM)		
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01	VACUUM (IWC) 17.13 16.87	PID HEADSPACE (PPM)		
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02		PID HEADSPACE (PPM)		
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04	VACUUM (IWC) 17.13 16.87 19.64	PID HEADSPACE (PPM) 109.1 727.6 1513	ADJUSTMENTS	
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03	VACUUM (IWC) 17.13 16.87	PID HEADSPACE (PPM) 109.1 727.6 1513		COMMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1	VACUUM (IWC) 17.13 16.87 19.64	PID HEADSPACE (PPM) 109.1 727.6 1513	ADJUSTMENTS	COMMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS	VACUUM (IWC) 17.13 16.87 19.64	PID HEADSPACE (PPM) 109.1 727.6 1513	ADJUSTMENTS	COMMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4	VACUUM (IWC) 17.13 16.87 19.64	PID HEADSPACE (PPM) 109.1 727.6 1513	ADJUSTMENTS	COMMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S	VACUUM (IWC) 17.13 16.87 19.64	PID HEADSPACE (PPM) 109.1 727.6 1513	ADJUSTMENTS	COMMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S SVE-13S	VACUUM (IWC) 17.13 16.87 19.64	PID HEADSPACE (PPM) 109.1 727.6 1513	ADJUSTMENTS	COMMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-1S	VACUUM (IWC) 17.13 16.87 19.64	PID HEADSPACE (PPM) 109.1 727.6 1513	ADJUSTMENTS	COMMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S SVE-13S	VACUUM (IWC) 17.13 16.87 17.69 DEPTH TO PRODUCT	PID HEADSPACE (PPM) 109.1 727.6 1513	ADJUSTMENTS	COMMENTS

BELL FEDERAL GC B1 SVE SYSTEM BIWEEKLY O&M FORM

	SVE S	SYSTEM - MONTHLY O&M		
SVE ALARMS:		KO TANK HIGH LEVEL		
				CERTIFICA
			Month	R SETTINGS Timer Setting
SVE SYSTEM	READING	TIME	January	8 AM to 7 PM
Blower Hours (take photo)	257 8,	12/0	February	8 AM to 7 PM
Pre K/O Vacuum (IWC)	-0/19/	1210	March	8 AM to 8 PM
nermal Anemometer Flow (fpm)	1134		April	8 AM to 9 PM
Thermal Anemometer Temp (C)	36.36		May	7 AM to 9 PM
Inlet PID	520.8		June	6 AM to 9 PM
Exhaust PID	636.7		July	6 AM to 9 PM
Solar Panel Angle	0-0:1		August	7 AM to 9 PM
K/O Tank Drum Level			September	8 AM to 9 PM
K/O Liquid Drained (gallons)			October	8 AM to 8 PM
	SAFE STATE OF THE SAFE STATE O			9 AM to 8 PM
Timer Setting			November	2 LIVI 10 0 I IVI
Heat Trace (on/off) SAMPLE ID: Analytes: TOPERATING WELLS	SVE SYST VPH (8015), VOCs (8260), Fixe	SAMPLE TIME: ed Gas (CO/CO2/O2)	THE RESIDENCE IN COLUMN 2 IN C	8 AM to 6 PM
Heat Trace (on/off) SAMPLE ID: Analytes: T		SAMPLE TIME:	December NG	
Heat Trace (on/off) SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION		SAMPLE TIME:	December NG	
Heat Trace (on/off) SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01	VPH (8015), VOCs (8260), Fixe	SAMPLE TIME: ed Gas (CO/CO2/O2) PID HEADSPACE (PPM)	NG	
Heat Trace (on/off) SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02	VPH (8015), VOCs (8260), Fixe	PID HEADSPACE (PPM)	NG	
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03	VPH (8015), VOCs (8260), Fixe	PID HEADSPACE (PPM) 200.9 726.0	NG	
Heat Trace (on/off) SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02	VPH (8015), VOCs (8260), Fixe	PID HEADSPACE (PPM)	NG	
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 ODUCT RECOVERY	VPH (8015), VOCs (8260), Fixe VACUUM (IWC) 16.93 16.53	SAMPLE TIME: ed Gas (CO/CO2/O2) PID HEADSPACE (PPM) 200.9 726.0 1516	NG ADJUSTMENTS	8 AM to 6 PM
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 CODUCT RECOVERY LOCATION	VPH (8015), VOCs (8260), Fixe	PID HEADSPACE (PPM) 200.9 726.0	NG	
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 CODUCT RECOVERY LOCATION SVE-1	VPH (8015), VOCs (8260), Fixe VACUUM (IWC) 16.93 16.53	SAMPLE TIME: ed Gas (CO/CO2/O2) PID HEADSPACE (PPM) 200.9 726.0 1516	NG ADJUSTMENTS	8 AM to 6 PM
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 ODUCT RECOVERY LOCATION SVE-1 SVE-2RS	VPH (8015), VOCs (8260), Fixe VACUUM (IWC) 16.93 16.53	SAMPLE TIME: ed Gas (CO/CO2/O2) PID HEADSPACE (PPM) 200.9 726.0 1516	NG ADJUSTMENTS	8 AM to 6 PM
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 ODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4	VPH (8015), VOCs (8260), Fixe VACUUM (IWC) 16.93 16.53	SAMPLE TIME: ed Gas (CO/CO2/O2) PID HEADSPACE (PPM) 200.9 726.0 1516	NG ADJUSTMENTS	8 AM to 6 PM
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 ODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S	VPH (8015), VOCs (8260), Fixe VACUUM (IWC) 16.93 16.53	SAMPLE TIME: ed Gas (CO/CO2/O2) PID HEADSPACE (PPM) 200.9 726.0 1516	NG ADJUSTMENTS	8 AM to 6 PM
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 ODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4	VPH (8015), VOCs (8260), Fixe VACUUM (IWC) 16.93 16.53	SAMPLE TIME: ed Gas (CO/CO2/O2) PID HEADSPACE (PPM) 200.9 726.0 1516	NG ADJUSTMENTS	8 AM to 6 PM

BELL FEDERAL GC B1 SVE SYSTEM BIWEEKLY O&M FORM

SVE SYSTEM Blower Hours (take photo) Pre K/O Vacuum (IWC)		KO TANK HIGH LEVEL		
Blower Hours (take photo) Pre K/O Vacuum (IWC)				
Blower Hours (take photo) Pre K/O Vacuum (IWC)			TIME	R SETTINGS
Blower Hours (take photo) Pre K/O Vacuum (IWC)			Month	Timer Setting
Pre K/O Vacuum (IWC)	READING	TIME	January	8 AM to 7 PM
Pre K/O Vacuum (IWC)	25878.5	1118	February	8 AM to 7 PM
The state of the s	16		March	8 AM to 8 PM
hermal Anemometer Flow (fpm)	1067		April	8 AM to 9 PM
Thermal Anemometer Temp (C)	29.95		May	7 AM to 9 PM
Inlet PID	487.5		June	6 AM to 9 PM
Exhaust PID	333.1		July	6 AM to 9 PM
Solar Panel Angle			August	7 AM to 9 PM
K/O Tank Drum Level			September	8 AM to 9 PM
K/O Liquid Drained (gallons)			October	8 AM to 8 PM
Timer Setting			November	9 AM to 8 PM
Heat Trace (on/off)			December	8 AM to 6 PM
SAMPLE ID: Analytes: 7 OPERATING WELLS	5 V Ε- 1 ΓVPH (8015), VOCs (8260), Fixe	SAMPLE TIME: ed Gas (CO/CO2/O2)	: 1100	
Change in Well Operation:				
LOCATION	VACUUM (IWC)	PID HEADSPACE (PPM)	ADJUSTMENTS	
SVE01				
SVE02	17.25	398.7		
SVE03	17.05	864.5		
OVEUS	17.71	1606		
SVE03 SVE04	1		The same of the sa	
SVE04				
ODUCT RECOVERY	DEPTH TO PRODUCT	DEPTH TO WATER	ECOVERED VOLUM	COMMENTS
SVE04			ECOVERED VOLUM	COMMENTS
ODUCT RECOVERY LOCATION SVE-1			ECOVERED VOLUM	COMMENTS
ODUCT RECOVERY LOCATION SVE-1 SVE-2RS			ECOVERED VOLUM	COMMENTS
ODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4			ECOVERED VOLUM	COMMENTS
ODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S			ECOVERED VOLUM	COMMENTS
ODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S SVE-13S			ECOVERED VOLUM	COMMENTS
ODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S	DEPTH TO PRODUCT		ECOVERED VOLUM	COMMENTS



APPENDIX B

Project Photographs

PROJECT PHOTOGRAPHS

Bell Federal GC B#1 San Juan County, New Mexico Hilcorp Energy Company

Photograph 1

Runtime meter taken on June 30, 2024 at 1:29 PM Hours = 24,927.2



Photograph 2

Runtime meter taken on September 18, 2024 at 11:18 AM Hours = 25,878.5





APPENDIX C

Laboratory Analytical Reports

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/10/2024 4:28:32 PM

JOB DESCRIPTION

Bell Fed GC B1

JOB NUMBER

885-12288-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

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

Authorization

Generated 10/10/2024 4:28:32 PM

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

Page 2 of 23 10/10/2024

Client: Hilcorp Energy

Laboratory Job ID: 885-12288-1

Project/Site: Bell Fed GC B1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	8
QC Association Summary	12
Lab Chronicle	13
Certification Summary	14
Subcontract Data	17
Chain of Custody	22
Receipt Checklists	23

2

3

4

6

8

9

4 4

12

Definitions/Glossary

Job ID: 885-12288-1 Client: Hilcorp Energy Project/Site: Bell Fed GC B1

Qualifiers

GC/MS VOA

Qualifier **Qualifier Description**

Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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

Percent Recovery %R CFL Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

Detection Limit (DoD/DOE) DL

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)

Estimated Detection Limit (Dioxin) EDL LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL 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

Not Detected at the reporting limit (or MDL or EDL if shown) ND

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 Job ID: 885-12288-1 Project: Bell Fed GC B1

Job ID: 885-12288-1 **Eurofins Albuquerque**

> Job Narrative 885-12288-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 9/20/2024 7:15 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 17.2°C.

Subcontract Work

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

Gasoline Range Organics

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

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: Bell Fed GC B1

Lab Sample ID: 885-12288-1

Client Sample ID: SVE-1 Date Collected: 09/18/24 11:00 Date Received: 09/20/24 07:15

Matrix: Air

Job ID: 885-12288-1

Sample Container: Tedlar Bag 1L

Released to Imaging: 10/25/2024 1:03:03 PM

Method: SW846 8015M/D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)										
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics [C6 - C10]	4700	Н	100	ug/L			10/02/24 13:55	20		
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	86		52 - 172				10/02/24 13:55	20		

	00	022			7.07.02.2.7.7.0.00	20
Method: SW846 8260B - Volatile Analyte	Organic Compounds (GC/N Result Qualifier	MS) RL	Unit	D Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND Qualific	20	ug/L	<u></u>	09/26/24 17:50	20
1,1,1-Trichloroethane	ND	20	ug/L		09/26/24 17:50	20
1,1,2,2-Tetrachloroethane	ND	40	ug/L		09/26/24 17:50	20
1,1,2-Trichloroethane	ND	20	ug/L		09/26/24 17:50	20
1,1-Dichloroethane	ND	20	ug/L		09/26/24 17:50	20
1,1-Dichloroethene	ND	20	ug/L		09/26/24 17:50	20
1,1-Dichloropropene	ND	20	ug/L		09/26/24 17:50	20
1,2,3-Trichlorobenzene	ND	20	ug/L		09/26/24 17:50	20
1,2,3-Trichloropropane	ND	40	ug/L		09/26/24 17:50	20
1,2,4-Trichlorobenzene	ND	20	ug/L		09/26/24 17:50	20
1,2,4-Trimethylbenzene	ND	20	ug/L		09/26/24 17:50	20
1,2-Dibromo-3-Chloropropane	ND	40	ug/L		09/26/24 17:50	20
1,2-Dibromoethane (EDB)	ND	20	ug/L		09/26/24 17:50	20
1,2-Dichlorobenzene	ND	20	ug/L		09/26/24 17:50	20
1,2-Dichloroethane (EDC)	ND	20	ug/L		09/26/24 17:50	20
1,2-Dichloropropane	ND	20	ug/L		09/26/24 17:50	20
1,3,5-Trimethylbenzene	ND	20	ug/L		09/26/24 17:50	20
1,3-Dichlorobenzene	ND	20	ug/L		09/26/24 17:50	20
1,3-Dichloropropane	ND	20	ug/L		09/26/24 17:50	20
1,4-Dichlorobenzene	ND	20	ug/L		09/26/24 17:50	20
1-Methylnaphthalene	ND	80	ug/L		09/26/24 17:50	20
2,2-Dichloropropane	ND	40	ug/L		09/26/24 17:50	20
2-Butanone	ND	200	ug/L		09/26/24 17:50	20
2-Chlorotoluene	ND	20	ug/L		09/26/24 17:50	20
2-Hexanone	ND	200	ug/L		09/26/24 17:50	20
2-Methylnaphthalene	ND	80	ug/L		09/26/24 17:50	20
4-Chlorotoluene	ND	20	ug/L		09/26/24 17:50	20
4-Isopropyltoluene	ND	20	ug/L		09/26/24 17:50	20
4-Methyl-2-pentanone	ND	200	ug/L		09/26/24 17:50	20
Acetone	ND	200	ug/L		09/26/24 17:50	20
Benzene	180	20	ug/L		09/26/24 17:50	20
Bromobenzene	ND	20	ug/L		09/26/24 17:50	20
Bromodichloromethane	ND	20	ug/L		09/26/24 17:50	20
Dibromochloromethane	ND	20	ug/L		09/26/24 17:50	20
Bromoform	ND	20	ug/L		09/26/24 17:50	20
Bromomethane	ND	60	ug/L		09/26/24 17:50	20
Carbon disulfide	ND	200	ug/L		09/26/24 17:50	20
Carbon tetrachloride	ND	20	ug/L		09/26/24 17:50	20
Chlorobenzene	ND	20	ug/L		09/26/24 17:50	20
Chloroethane	ND	40	ug/L		09/26/24 17:50	20
Chloroform	ND	20	ug/L		09/26/24 17:50	20

Client Sample Results

Client: Hilcorp Energy Job ID: 885-12288-1

Project/Site: Bell Fed GC B1

Client Sample ID: SVE-1 Lab Sample ID: 885-12288-1 Date Collected: 09/18/24 11:00

Matrix: Air

Date Received: 09/20/24 07:15 Sample Container: Tedlar Bag 1L

Method: SW846 8260B - Volatile	Organic Comp	ounds (GC/M	S) (Continued)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		60	ug/L			09/26/24 17:50	20
cis-1,2-Dichloroethene	ND		20	ug/L			09/26/24 17:50	20
cis-1,3-Dichloropropene	ND		20	ug/L			09/26/24 17:50	20
Dibromomethane	ND		20	ug/L			09/26/24 17:50	20
Dichlorodifluoromethane	ND		20	ug/L			09/26/24 17:50	20
Ethylbenzene	ND		20	ug/L			09/26/24 17:50	20
Hexachlorobutadiene	ND		20	ug/L			09/26/24 17:50	20
Isopropylbenzene	ND		20	ug/L			09/26/24 17:50	20
Methyl-tert-butyl Ether (MTBE)	ND		20	ug/L			09/26/24 17:50	20
Methylene Chloride	ND		60	ug/L			09/26/24 17:50	20
n-Butylbenzene	ND		60	ug/L			09/26/24 17:50	20
N-Propylbenzene	ND		20	ug/L			09/26/24 17:50	20
Naphthalene	ND		40	ug/L			09/26/24 17:50	20
sec-Butylbenzene	ND		20	ug/L			09/26/24 17:50	20
Styrene	ND		20	ug/L			09/26/24 17:50	20
tert-Butylbenzene	ND		20	ug/L			09/26/24 17:50	20
Tetrachloroethene (PCE)	ND		20	ug/L			09/26/24 17:50	20
Toluene	400		20	ug/L			09/26/24 17:50	20
trans-1,2-Dichloroethene	ND		20	ug/L			09/26/24 17:50	20
trans-1,3-Dichloropropene	ND		20	ug/L			09/26/24 17:50	20
Trichloroethene (TCE)	ND		20	ug/L			09/26/24 17:50	20
Trichlorofluoromethane	ND		20	ug/L			09/26/24 17:50	20
Vinyl chloride	ND		20	ug/L			09/26/24 17:50	20
Xylenes, Total	170		30	ug/L			09/26/24 17:50	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		70 - 130		09/26/24 17:50	20
Toluene-d8 (Surr)	123		70 - 130		09/26/24 17:50	20
4-Bromofluorobenzene (Surr)	95		70 - 130		09/26/24 17:50	20
Dibromofluoromethane (Surr)	86		70 - 130		09/26/24 17:50	20

Client: Hilcorp Energy Project/Site: Bell Fed GC B1

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

Job ID: 885-12288-1

Lab Sample ID: MB 885-13549/4 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Air

Analysis Batch: 13549

Analysis Batem 19949	МВ	МВ						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	ug/L			10/02/24 11:28	1
	MB	MB						

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 52 - 172 4-Bromofluorobenzene (Surr) 81 10/02/24 11:28

Lab Sample ID: LCS 885-13549/3 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Air

Analysis Batch: 13549

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits 4250 4100 97 70 - 130 Gasoline Range Organics [C6 ug/L

C10]

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 52 - 172 91

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

Lab Sample ID: MB 885-13097/1006 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Air

Analysis Batch: 13097

	MB MB					
Analyte	Result Qualifier	RL	Unit	D Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND ND	10	ug/L		09/26/24 16:12	10
1,1,1-Trichloroethane	ND	10	ug/L		09/26/24 16:12	10
1,1,2,2-Tetrachloroethane	ND	20	ug/L		09/26/24 16:12	10
1,1,2-Trichloroethane	ND	10	ug/L		09/26/24 16:12	10
1,1-Dichloroethane	ND	10	ug/L		09/26/24 16:12	10
1,1-Dichloroethene	ND	10	ug/L		09/26/24 16:12	10
1,1-Dichloropropene	ND	10	ug/L		09/26/24 16:12	10
1,2,3-Trichlorobenzene	ND	10	ug/L		09/26/24 16:12	10
1,2,3-Trichloropropane	ND	20	ug/L		09/26/24 16:12	10
1,2,4-Trichlorobenzene	ND	10	ug/L		09/26/24 16:12	10
1,2,4-Trimethylbenzene	ND	10	ug/L		09/26/24 16:12	10
1,2-Dibromo-3-Chloropropane	ND	20	ug/L		09/26/24 16:12	10
1,2-Dibromoethane (EDB)	ND	10	ug/L		09/26/24 16:12	10
1,2-Dichlorobenzene	ND	10	ug/L		09/26/24 16:12	10
1,2-Dichloroethane (EDC)	ND	10	ug/L		09/26/24 16:12	10
1,2-Dichloropropane	ND	10	ug/L		09/26/24 16:12	10
1,3,5-Trimethylbenzene	ND	10	ug/L		09/26/24 16:12	10
1,3-Dichlorobenzene	ND	10	ug/L		09/26/24 16:12	10
1,3-Dichloropropane	ND	10	ug/L		09/26/24 16:12	10
1,4-Dichlorobenzene	ND	10	ug/L		09/26/24 16:12	10
1-Methylnaphthalene	ND	40	ug/L		09/26/24 16:12	10
2,2-Dichloropropane	ND	20	ug/L		09/26/24 16:12	10
2-Butanone	ND	100	ug/L		09/26/24 16:12	10
2-Chlorotoluene	ND	10	ug/L		09/26/24 16:12	10
2-Hexanone	ND	100	ug/L		09/26/24 16:12	10

Client: Hilcorp Energy Job ID: 885-12288-1

Project/Site: Bell Fed GC B1

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

мв мв

Lab Sample ID: MB 885-13097/1006

Matrix: Air

Analysis Batch: 13097

Client Sample ID: Method Blank

Prep Type: Total/NA

	MR MR					
Analyte	Result Qualifier	RL	Unit	D Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND ND	40	ug/L		09/26/24 16:12	10
4-Chlorotoluene	ND	10	ug/L		09/26/24 16:12	10
4-Isopropyltoluene	ND	10	ug/L		09/26/24 16:12	10
4-Methyl-2-pentanone	ND	100	ug/L		09/26/24 16:12	10
Acetone	ND	100	ug/L		09/26/24 16:12	10
Benzene	ND	10	ug/L		09/26/24 16:12	10
Bromobenzene	ND	10	ug/L		09/26/24 16:12	10
Bromodichloromethane	ND	10	ug/L		09/26/24 16:12	10
Dibromochloromethane	ND	10	ug/L		09/26/24 16:12	10
Bromoform	ND	10	ug/L		09/26/24 16:12	10
Bromomethane	ND	30	ug/L		09/26/24 16:12	10
Carbon disulfide	ND	100	ug/L		09/26/24 16:12	10
Carbon tetrachloride	ND	10	ug/L		09/26/24 16:12	10
Chlorobenzene	ND	10	ug/L		09/26/24 16:12	10
Chloroethane	ND	20	ug/L		09/26/24 16:12	10
Chloroform	ND	10	ug/L		09/26/24 16:12	10
Chloromethane	ND	30	ug/L		09/26/24 16:12	10
cis-1,2-Dichloroethene	ND	10	ug/L		09/26/24 16:12	10
cis-1,3-Dichloropropene	ND	10	ug/L		09/26/24 16:12	10
Dibromomethane	ND	10	ug/L		09/26/24 16:12	10
Dichlorodifluoromethane	ND	10	ug/L		09/26/24 16:12	10
Ethylbenzene	ND	10	ug/L		09/26/24 16:12	10
Hexachlorobutadiene	ND	10	ug/L		09/26/24 16:12	10
Isopropylbenzene	ND	10	ug/L		09/26/24 16:12	10
Methyl-tert-butyl Ether (MTBE)	ND	10	ug/L		09/26/24 16:12	10
Methylene Chloride	ND	30	ug/L		09/26/24 16:12	10
n-Butylbenzene	ND	30	ug/L		09/26/24 16:12	10
N-Propylbenzene	ND	10	ug/L		09/26/24 16:12	10
Naphthalene	ND	20	ug/L		09/26/24 16:12	10
sec-Butylbenzene	ND	10	ug/L		09/26/24 16:12	10
Styrene	ND	10	ug/L		09/26/24 16:12	10
tert-Butylbenzene	ND	10	ug/L		09/26/24 16:12	10
Tetrachloroethene (PCE)	ND	10	ug/L		09/26/24 16:12	10
Toluene	ND	10	ug/L		09/26/24 16:12	10
trans-1,2-Dichloroethene	ND	10	ug/L		09/26/24 16:12	10
trans-1,3-Dichloropropene	ND	10	ug/L		09/26/24 16:12	10
Trichloroethene (TCE)	ND	10	ug/L		09/26/24 16:12	10
Trichlorofluoromethane	ND	10	ug/L		09/26/24 16:12	10
Vinyl chloride	ND	10	ug/L		09/26/24 16:12	10
Xylenes, Total	ND	15	ug/L		09/26/24 16:12	10

MB MB

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	1,2-Dichloroethane-d4 (Surr)	102		70 - 130		09/26/24 16:12	10
	Toluene-d8 (Surr)	98		70 - 130		09/26/24 16:12	10
ı	4-Bromofluorobenzene (Surr)	90		70 - 130		09/26/24 16:12	10
ı	Dibromofluoromethane (Surr)	103		70 - 130		09/26/24 16:12	10

Client: Hilcorp Energy Job ID: 885-12288-1

Project/Site: Bell Fed GC B1

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

Lab Sample ID: MB 885-13097/6

Matrix: Air

Analysis Batch: 13097

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB MB					
Analyte	Result Qualifier	RL	Unit	D Prepared	Analyzed	Dil Fa
1,1,1,2-Tetrachloroethane	ND	10	ug/L		09/26/24 16:12	1
1,1,1-Trichloroethane	ND	10	ug/L		09/26/24 16:12	1
1,1,2,2-Tetrachloroethane	ND	20	ug/L		09/26/24 16:12	1
1,1,2-Trichloroethane	ND	10	ug/L		09/26/24 16:12	1
1,1-Dichloroethane	ND	10	ug/L		09/26/24 16:12	1
1,1-Dichloroethene	ND	10	ug/L		09/26/24 16:12	1
1,1-Dichloropropene	ND	10	ug/L		09/26/24 16:12	1
1,2,3-Trichlorobenzene	ND	10	ug/L		09/26/24 16:12	1
1,2,3-Trichloropropane	ND	20	ug/L		09/26/24 16:12	1
1,2,4-Trichlorobenzene	ND	10	ug/L		09/26/24 16:12	1
1,2,4-Trimethylbenzene	ND	10	ug/L		09/26/24 16:12	1
1,2-Dibromo-3-Chloropropane	ND	20	ug/L		09/26/24 16:12	1
1,2-Dibromoethane (EDB)	ND	10	ug/L		09/26/24 16:12	1
1,2-Dichlorobenzene	ND	10	ug/L		09/26/24 16:12	1
1,2-Dichloroethane (EDC)	ND	10	ug/L		09/26/24 16:12	1
1,2-Dichloropropane	ND	10	ug/L		09/26/24 16:12	1
1,3,5-Trimethylbenzene	ND	10	ug/L		09/26/24 16:12	1
1,3-Dichlorobenzene	ND	10	ug/L		09/26/24 16:12	1
1,3-Dichloropropane	ND	10	ug/L		09/26/24 16:12	· · · · · · · · · 1
1,4-Dichlorobenzene	ND	10	ug/L		09/26/24 16:12	1
1-Methylnaphthalene	ND	40	ug/L		09/26/24 16:12	1
2,2-Dichloropropane	ND	20	ug/L		09/26/24 16:12	
2-Butanone	ND	100	ug/L		09/26/24 16:12	1
2-Chlorotoluene	ND	10	_		09/26/24 16:12	' 1
2-Grillotototuerie	ND ND	100	ug/L		09/26/24 16:12	
			ug/L			
2-Methylnaphthalene	ND	40	ug/L		09/26/24 16:12	1
4-Chlorotoluene	ND	10	ug/L		09/26/24 16:12	
4-Isopropyltoluene	ND	10	ug/L		09/26/24 16:12	1
4-Methyl-2-pentanone	ND	100	ug/L		09/26/24 16:12	1
Acetone	ND	100	ug/L		09/26/24 16:12	
Benzene	ND	10	ug/L		09/26/24 16:12	1
Bromobenzene	ND	10	ug/L		09/26/24 16:12	1
Bromodichloromethane	ND	10	ug/L		09/26/24 16:12	
Dibromochloromethane	ND	10	ug/L		09/26/24 16:12	1
Bromoform	ND	10	ug/L		09/26/24 16:12	1
Bromomethane	ND	30	ug/L		09/26/24 16:12	1
Carbon disulfide	ND	100	ug/L		09/26/24 16:12	1
Carbon tetrachloride	ND	10	ug/L		09/26/24 16:12	1
Chlorobenzene	ND	10	ug/L		09/26/24 16:12	1
Chloroethane	ND	20	ug/L		09/26/24 16:12	1
Chloroform	ND	10	ug/L		09/26/24 16:12	1
Chloromethane	ND	30	ug/L		09/26/24 16:12	1
cis-1,2-Dichloroethene	ND	10	ug/L		09/26/24 16:12	1
cis-1,3-Dichloropropene	ND	10	ug/L		09/26/24 16:12	1
Dibromomethane	ND	10	ug/L		09/26/24 16:12	1
Dichlorodifluoromethane	ND	10	ug/L		09/26/24 16:12	1
Ethylbenzene	ND	10	ug/L		09/26/24 16:12	1
Hexachlorobutadiene	ND	10	ug/L		09/26/24 16:12	1

Eurofins Albuquerque

Released to Imaging: 10/25/2024 1:03:03 PM

Client: Hilcorp Energy Job ID: 885-12288-1 Project/Site: Bell Fed GC B1

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

Lab Sample ID: MB 885-13097/6

Matrix: Air

Analysis Batch: 13097

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB M	МВ						
Analyte	Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		10	ug/L			09/26/24 16:12	10
Methyl-tert-butyl Ether (MTBE)	ND		10	ug/L			09/26/24 16:12	10
Methylene Chloride	ND		30	ug/L			09/26/24 16:12	10
n-Butylbenzene	ND		30	ug/L			09/26/24 16:12	10
N-Propylbenzene	ND		10	ug/L			09/26/24 16:12	10
Naphthalene	ND		20	ug/L			09/26/24 16:12	10
sec-Butylbenzene	ND		10	ug/L			09/26/24 16:12	10
Styrene	ND		10	ug/L			09/26/24 16:12	10
tert-Butylbenzene	ND		10	ug/L			09/26/24 16:12	10
Tetrachloroethene (PCE)	ND		10	ug/L			09/26/24 16:12	10
Toluene	ND		10	ug/L			09/26/24 16:12	10
trans-1,2-Dichloroethene	ND		10	ug/L			09/26/24 16:12	10
trans-1,3-Dichloropropene	ND		10	ug/L			09/26/24 16:12	10
Trichloroethene (TCE)	ND		10	ug/L			09/26/24 16:12	10
Trichlorofluoromethane	ND		10	ug/L			09/26/24 16:12	10

MB MB

ND

ND

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102	70 - 130		09/26/24 16:12	10
Toluene-d8 (Surr)	98	70 - 130		09/26/24 16:12	10
4-Bromofluorobenzene (Surr)	90	70 - 130		09/26/24 16:12	10
Dibromofluoromethane (Surr)	103	70 - 130		09/26/24 16:12	10

10

15

ug/L

ug/L

Lab Sample ID: LCS 885-13097/5

Matrix: Air

Vinyl chloride

Xylenes, Total

Analysis Batch: 13097

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

09/26/24 16:12

09/26/24 16:12

Spike	LCS	LCS				%Rec	
Added	Result	Qualifier	Unit	D	%Rec	Limits	
20.1	21.3		ug/L		106	70 - 130	
20.1	23.5		ug/L		117	70 - 130	
20.1	20.5		ug/L		102	70 - 130	
20.2	20.6		ug/L		102	70 - 130	
20.2	21.5		ug/L		107	70 - 130	
	20.1 20.1 20.1 20.1 20.2	Added Result 20.1 21.3 20.1 23.5 20.1 20.5 20.2 20.6	Added Result Qualifier 20.1 21.3 20.1 23.5 20.1 20.5 20.2 20.6	Added Result Qualifier Unit 20.1 21.3 ug/L 20.1 23.5 ug/L 20.1 20.5 ug/L 20.2 20.6 ug/L	Added Result Qualifier Unit D 20.1 21.3 ug/L 20.1 23.5 ug/L 20.1 20.5 ug/L 20.2 20.6 ug/L	Added Result Qualifier Unit D %Rec 20.1 21.3 ug/L 106 20.1 23.5 ug/L 117 20.1 20.5 ug/L 102 20.2 20.6 ug/L 102	Added Result Qualifier Unit D %Rec Limits 20.1 21.3 ug/L 106 70 - 130 20.1 23.5 ug/L 117 70 - 130 20.1 20.5 ug/L 102 70 - 130 20.2 20.6 ug/L 102 70 - 130

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)			70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	91		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130

Eurofins Albuquerque

10

10

QC Association Summary

Client: Hilcorp Energy Job ID: 885-12288-1

Project/Site: Bell Fed GC B1

GC/MS VOA

Analysis Batch: 13097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Bat	tch
885-12288-1	SVE-1	Total/NA	Air	8260B	_
MB 885-13097/1006	Method Blank	Total/NA	Air	8260B	
MB 885-13097/6	Method Blank	Total/NA	Air	8260B	
LCS 885-13097/5	Lab Control Sample	Total/NA	Air	8260B	

Analysis Batch: 13549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12288-1	SVE-1	Total/NA	Air	8015M/D	
MB 885-13549/4	Method Blank	Total/NA	Air	8015M/D	
LCS 885-13549/3	Lab Control Sample	Total/NA	Air	8015M/D	

2

5

7

0

10

11

19

Lab Chronicle

Client: Hilcorp Energy Job ID: 885-12288-1

Project/Site: Bell Fed GC B1

Date Received: 09/20/24 07:15

Client Sample ID: SVE-1 Lab Sample ID: 885-12288-1 Date Collected: 09/18/24 11:00

Matrix: Air

Batch Batch Dilution Batch Prepared Method Prep Type Туре Run Factor **Number Analyst** Lab or Analyzed Total/NA 8015M/D 20 13549 EET ALB 10/02/24 13:55 Analysis СМ Total/NA Analysis 8260B 20 13097 CM **EET ALB** 09/26/24 17:50

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 Job ID: 885-12288-1

Project/Site: Bell Fed GC B1

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	02-26-25	

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

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-12288-1

Project/Site: Bell Fed GC B1

Laboratory: Eurofins Albuquerque (Continued)

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

thority	Progr	am	Identification Number	Expiration Date
• ,	•	ut the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
for which the agency doe				
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 (M7	ſBE)
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	
egon	NELA	_	NM100001	02-26-25

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

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

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-12288-1

Project/Site: Bell Fed GC B1

Laboratory: Eurofins Albuquerque (Continued)

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

ority	Program		Identification Number Expiration	Date
	are included in this report, bu	ut the laboratory is not certif	ied by the governing authority. This list may include a	nalyte
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		
8260B		Air	Ethylbenzene Hexachlorobutadiene	
8260B		Air	Isopropylbenzene	
8260B 8260B		Air	Methyl tert butyl Ether (MTRE)	
		Air	Methyl-tert-butyl Ether (MTBE)	
8260B		Air	Naphthalene n-Butylbenzene	
8260B		Air	•	
8260B		Air	N-Propylbenzene	
8260B		Air	sec-Butylbenzene	
8260B		Air	Styrene	
8260B		Air	tert-Butylbenzene	
8260B		Air	Tetrachloroethene (PCE)	
8260B		Air	Toluene	
8260B		Air	trans-1,2-Dichloroethene	
8260B		Air	trans-1,3-Dichloropropene	
8260B		Air	Trichloroethene (TCE)	
8260B		Air	Trichlorofluoromethane	
8260B		Air	Vinyl chloride	
8260B		Air	Xylenes, Total	

Eurofins Albuquerque

3

5

5

0

9

11

12

Trust our People. Trust our Data. www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515 Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

ANALYTICAL SUMMARY REPORT

September 27, 2024

Hall Environmental 4901 Hawkins St NE Ste D Albuquerque, NM 87109-4372

Quote ID: B15626 Work Order: B24092171

Project Name: Bell Fed GC B1, 88501698

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 9/24/2024 for analysis.

Lab ID	Client Sample ID	Collect Date Receive Date	Matrix	Test
B24092171-001	SVE-1 (885-12288-1)	09/18/24 11:00 09/24/24	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.

Billings, MT 406.252.6325 • Casper, WY 307.235.0515

Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental Project: Bell Fed GC B1, 88501698

Lab ID: B24092171-001 Client Sample ID: SVE-1 (885-12288-1)

Report Date: 09/27/24 Collection Date: 09/18/24 11:00 DateReceived: 09/24/24 Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
GAS CHROMATOGRAPHY ANALYSIS F	REPORT						
Oxygen	_	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
Nitrogen	78.61	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
Carbon Dioxide	2.49	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
Hydrogen Sulfide	< 0.01	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
Methane	< 0.01	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
Ethane	< 0.01	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
Propane	< 0.01	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
sobutane	< 0.01	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
-Butane	< 0.01	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
sopentane	< 0.01	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
-Pentane	< 0.01	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
lexanes plus	0.12	Mol %		0.01		GPA 2261-95	09/25/24 12:18 / jrj
ropane	< 0.001	gpm		0.001		GPA 2261-95	09/25/24 12:18 / jrj
sobutane	< 0.001	gpm		0.001		GPA 2261-95	09/25/24 12:18 / jrj
-Butane	< 0.001	gpm		0.001		GPA 2261-95	09/25/24 12:18 / jrj
sopentane	< 0.001	gpm		0.001		GPA 2261-95	09/25/24 12:18 / jrj
-Pentane	< 0.001	gpm		0.001		GPA 2261-95	09/25/24 12:18 / jrj
lexanes plus	0.051	gpm		0.001		GPA 2261-95	09/25/24 12:18 / jrj
SPM Total	0.051	gpm		0.001		GPA 2261-95	09/25/24 12:18 / jrj
SPM Pentanes plus	0.051	gpm		0.001		GPA 2261-95	09/25/24 12:18 / jrj
ALCULATED PROPERTIES							
Gross BTU per cu ft @ Std Cond. (HHV)	6			1		GPA 2261-95	09/25/24 12:18 / jrj
let BTU per cu ft @ std cond. (LHV)	5			1		GPA 2261-95	09/25/24 12:18 / jrj
Pseudo-critical Pressure, psia	552			1		GPA 2261-95	09/25/24 12:18 / jrj
Pseudo-critical Temperature, deg R	246			1		GPA 2261-95	09/25/24 12:18 / jrj
Specific Gravity @ 60/60F	1.01			0.001		D3588-81	09/25/24 12:18 / jrj
ir, % - The analysis was not corrected for air.	85.83			0.01		GPA 2261-95	09/25/24 12:18 / jrj
COMMENTS							

- BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.

Released to Imaging: 10/25/2024 1:03:03 PM

Report RL - Analyte Reporting Limit MCL - Maximum Contaminant Level

Definitions: QCL - Quality Control Limit ND - Not detected at the Reporting Limit (RL)

09/25/24 12:18 / jrj

⁻ 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

Billings, MT 406.252.6325 • Casper, WY 307.235.0515 Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental Work Order: B24092171 Report Date: 09/27/24

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	GPA 2261-95									Batch:	R429509
Lab ID:	B24092171-001ADUP	12 Sa	mple Duplic	ate			Run: GCNG	A-B_240925A		09/25/24 01:07	
Oxygen			18.9	Mol %	0.01				0.5	20	
Nitrogen			78.5	Mol %	0.01				0.1	20	
Carbon D	ioxide		2.52	Mol %	0.01				1.2	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	
Isopentar	ie		< 0.01	Mol %	0.01					20	
n-Pentane	е		< 0.01	Mol %	0.01					20	
Hexanes	plus		0.11	Mol %	0.01				8.7	20	
Lab ID:	LCS092524	11 Lal	ooratory Co	ntrol Sample			Run: GCNGA-B_240925A			09/25/	24 02:45
Oxygen			0.65	Mol %	0.01	130	70	130			
Nitrogen			6.12	Mol %	0.01	102	70	130			
Carbon D	ioxide		0.98	Mol %	0.01	99	70	130			
Methane			75.0	Mol %	0.01	100	70	130			
Ethane			5.99	Mol %	0.01	100	70	130			
Propane			5.02	Mol %	0.01	102	70	130			
Isobutane	;		1.40	Mol %	0.01	70	70	130			
n-Butane			1.99	Mol %	0.01	99	70	130			
Isopentar	ie		1.01	Mol %	0.01	101	70	130			
n-Pentane	е		1.00	Mol %	0.01	100	70	130			
Hexanes plus			0.79	Mol %	0.01	99	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

B24092171

Trust our People. Trust our Data. www.energylab.com

Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

Work Order Receipt Checklist

Hall Environmental

Login completed by: Danielle N. Harris Date Received: 9/24/2024 Reviewed by: Received by: SAY mstephens Reviewed Date: 9/25/2024 Carrier name: FedEx NDA Not Present ☐ Shipping container/cooler in good condition? Yes √ No 🗌 Custody seals intact on all shipping container(s)/cooler(s)? Not Present ✓ Yes 🗌 No 🗌 Custody seals intact on all sample bottles? Yes No 🗌 Not Present ✓ Chain of custody present? Yes √ No 🗌 Chain of custody signed when relinquished and received? Yes √ No 🗌 Chain of custody agrees with sample labels? Yes ✓ No 🖂 Samples in proper container/bottle? Yes √ No 🗌 Sample containers intact? Yes √ No 🗌

Yes √

Yes √

Yes

Yes

No 🗌

No 🖂

No √

No 🗌

Not Applicable

No VOA vials submitted

bubble that is <6mm (1/4"). Water - pH acceptable upon receipt? Yes No 🗌 Not Applicable

21.5°C No Ice

Standard Reporting Procedures:

Sufficient sample volume for indicated test?

(Exclude analyses that are considered field parameters such as pH, DO, Res CI, Sulfite, Ferrous Iron, etc.)

Temp Blank received in all shipping container(s)/cooler(s)?

Containers requiring zero headspace have no headspace or

All samples received within holding time?

Container/Temp Blank temperature:

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

Environment Testing Vote: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratory or other instructions will be provided. Any changes to above for analysis/fasts/fasts/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. Company Solling Special Instructions/Note Ver: 05/06/2024 Months Company Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab See Attached Instructions 8240921H Job #: 885-12288-1 Preservation Codes: 💸 eurofins Page: Page 1 of 1 955 COC No: 885-2088.1 Archive For X Total Number of containers Date/Time: 69-24-24 Date/Time Date/Time Method of Shipment State of Origin: New Mexico Analysis Requested Special Instructions/QC Requirements Accreditations Required (See note):
NELAP - Oregon; State - New Mexico Lab PM: Garcia, Michelle E-Mait: michelle,garcia@et eurofinsus.com eceived by: Received by: Chain of Custody Record SUB (Fixed Gases)/ Fixed Gases × Perform MS/MSD (Yes or No) Matrix (w=water, S=solld, O=waste/oll Preservation Code Air Company Company Sample Type (C=comp, G=grab) O 1330 Primary Deliverable Rank: 2 Mountain Sample 11:00 Due Date Requested: 9/27/2024 TAT Requested (days): 4/33/24 Sample Date 9/18/24 Project #: 88501698 Date/Time Client Information (Sub Contract Lab) eliverable Requested: I, III, III, IV, Other (specify) Custody Seal No. Sample Identification - Client ID (Lab ID) Phone: 505-345-3975 Fax: 505-345-4107 Eurofins Albuquerque ossible Hazard Identification mpty Kit Relinquished by Albuquerque, NM 87109 Energy Laboratories, Inc Custody Seals Intact:
△ Yes △ No ddress: 120 South 27th Street, SVE-1 (885-12288-1) Client Contact: Shipping/Receiving Phone: 406-252-6325(Tel) 4901 Hawkins NE Project Name: Bell Fed GC B1

Page 5 of 5 10/10/2024

nquished by:

Inconfirmed

Billings State, Zip: MT, 59101

Chain-of-Custody Record Turn-Agund Time: Mailing Address: Mailing Address: Mailing Address: Moder # 1/ art And	Received by OCD: 10/14/202	4 3:50:47 PM		Page 43 of 45
Custody Record Turn-Aguind Time: Custody Record Turn-Aguind Time: Project Name Proje	8-12 B			ť
Chain-of-Custody Record Turn-Agound Time: HALL ENVIRON ANALYSIS LABO				analytical repo
Chain-of-Custody Record Turn-Apound Time: Mailing Address: Project Name Pr	B B C Som VIM 8' 100 Sign VIM 8' 100 Sig	7.7		the s
Chain-of-Custody Record Turn-Abound Time: Chain-of-Custody Record Turn-Abound Time: Chair Chair	RO LAI ntal.c ue, N			tated o
Chain-of-Custody Record Turn-Abund Time: Mailing Address:: Project Name: Project Name Project Name: Proje	S S Imer Juerq 506	(AOV-im92) 07S8		arly no
Chain-of-Custody Record Turn-Abound Trne: Malling Address: Project Name: Proj	SI SI Nviron Nuiron Ibuqu Fax	(AOV) 08S8		pe cle
Chain-of-Custody Record Turn-Agound Time: Malling Address: Malling Mall	LY aller - A Ana	CILE, Br. NO3, NO3, PO4, SO4		ita will
Chain-of-Custody Record Turn-Agound Time: Chain of Custody Record Turn-Agound Time: Mailing Address: Project Name: Project Name: Project Name: Project Name Projec	AF ww.h w.h s NE 397!			l sp pet
Chain-of-Custody Record Turn-Againd Time: Mailing Address: Mailing Mail	M w wkins 345.			contrac
Chain-of-Custody Record Clent Hillory Clent Hillory Maling Address: Delta Fig. Mitch Killows Cooler Temperature Coolers: Delta Time Matrix Sample Name Cooler Temperature Coolers: Maling Address: Delta Time Matrix Sample Name Cooler Temperature Coolers: Delta Time Matrix Sample Name Cooler Temperature Coolers: Mitch Mitch Mitch Mitch Mitch Coolers: Mitch Mi	Hav 505-			-qns k
Chain-of-Custody Record Tun-Apound Time: Mailing Address: Date Feed & C & B Feed	Tel.			ırks:
Chain-of-Custody Record Turn-Apound Time: Mailing Address: Mail				sema)
Chain-of-Custody Record Client: Hill Corp Milling Address: Milling Address: Milling Address: Milling Address: Milling Address: Milling Address: Devel 4 (Full Validation) Mitch Cillulate Project Nanager: Dove Fackage: Sample: Brandar Sinclair Mitch Cillulate Container Date Time Matrix Sample Name Type and # Type Container Type and # Type Containe				the state of the s
Chain-of-Custody Record Client: H; Lorp Mailing Address: Mailin		3		me 33 dice o otice o
Chain-of-Custody Record Turn-Ayound Time: Walling Address: Bell Fed GC # Project Name: Bell Fed GC # Project Name: OAVOC Package: OA		AL N		E Se as n
Chain-of-Custody Record Turn-Ayound Time: Walling Address: Mailing Address: Mailing Address: Project Name: Be II Fed 6C 8 II Project Name: Standard Accreditation:				19/2 34/20 3 serve
Chain-of-Custody Record Turn-Apound Time: Mailing Address: Bell Fed 6C Project Name: Project Name: Bell Fed 6C Project Manager: Accreditation: Accreditation Accreditation: Accreditation: Accreditation: Accreditation Accreditation: Accreditation: Accreditation: Accreditation: Accreditation: Accreditation Accreditat	8			E S
Chain-of-Custody Record Client: H; Lor p Mailing Address: Mailing Address: Mailing Address: Project Name: Project Name: Be Fed Gs Project Name: Be Fed Gs Project Name: Accreditation: Oxide Lace Container Date Time Matrix Sample Name Type and # Type 9-18 100 oxide SVE-1 2 Tedlar Container Preserva Type and # Type 9-18 100 oxide SVE-1 2 Tedlar Container Preserva Container Preserva Type and # Type 1	nsh.	1 + si		vatorie /
Chain-of-Custody Record Turn-Around Time: Wailing Address: Mailing Address: Mailing Address: Phone #: Email or Fax#: brandoh. SinclaicOlifearQuor, Project Manager: OA/OC Package: Standard		es erva		\ 3
Chain-of-Custody Record Client: H; Lor Mailing Address: Be Fe Project H*: Phone #: Email or Fax#: brandon S.inclaice(); Larp Lor Standard Accreditation: Az Compliance Standard Standard Accreditation: Az Compliance Standard Mitch Sample: Brontest Container Polect Temp Container Polect Temp Container Polect Temp Golder Temp Golder Temp Golder Temp Golder Temp Accreditation: SVE- Polect Temp Container Received by: Received by: Received by: Received to other a	Lime :	ger:		Via
Chain-of-Custody Record Client: H: Lor Mailing Address: Mailing Mailing Address: Mailing Mai	und Jard	lanae		ther ac
Chain-of-Custody Record Client: H: Lor Mailing Address: Proje Proje Benail or Fax#: Lors Abor Sincle ire Level A [Lull Validation Marix Sample Name Level A [Lull Validation Marix Sample Name Loon Date Time Matrix Sample Name Type Cont Abord Abor	Stance -Aro	iaine		wed b
Chain-of-Custody Record Client: H; Larp Mailing Address: Phone #: email or Fax#: brandon. Sinclair@h; carp.com OACC Package: Standard Accreditation: Az Compliance NELAC Date Time Matrix Sample Name 9-18 1100 oir SVE-1 Pote: Matrix Sample Name 9-18 1100 oir SVE-1 Matrix Sample Name 9-18 1100 oir SVE-1 Matrix Sample Name 9-18 1100 oir SVE-1 Matrix Sample Name Matrix Sample Name 9-18 1100 oir SVE-1 Matrix Selinquished by: Matrix Relinquished by:	Turn Proje	Proje		Recei
Chain-of-Custody Record Client: H; Lor Mailing Address: Phone #:		4		S and C
Chain-of-Custody Reco Client: Hillorp Mailing Address: Phone #: email or Fax#: brandon. Sinclaired Level 4 (Full Vali GAVOC Package: Standard Accreditation: Az Compliance NELAC Other Date Time Matrix Sample Name 9-18 1100 air SVE-1 Bate: Time: Relinquished by: Alphy 1314 Matrix Relinquished by: Alphy 131	힏	datio		may bo
Chain-of-Custody Re Client: Hillor Mailing Address: Phone #:	8			nental
Chain-of-Custody Client: H: Lorp Mailing Address: Phone #: email or Fax#: brandon. Sincle Accreditation: Az Compliance NELO (Type) Date Time Matrix Sample I 9-18 1100 a: C SVE-1 Matrix Sample I Matrix S	Re	Full Fe		P vironr
Chain-of-Custo Client: H; Lor Mailing Address: Phone #: Accreditation: Az Complian Standard Accreditation: Az Complian Standard OA/OC Package: Date Time Matrix Samp 9-18 1100 A; C S V 9-18 1100 A; C S V Milling Address: Relinquished by: Allor Milling Addressary, samples submitted to	줘	Ge 4 4 Ge 4 4 Ge 4 4 Ge 6 Ge 7		Hall Er
Chain-of-Cus Client: H: Lor P Mailing Address: Mailing Address: Lor P Accreditation: Az Composition Az Composit	형	S in Lev	첫	16 d b d d d
Chain-of-C Client: H: Lor p Mailing Address: Phone #: email or Fax#: brando QA/QC Package: Standard Accreditation: Az Oate Time Matrix 9-18 100 a:C Date Time: Relinqui	s n		- 	shed
Chain-o Client: H: Lor Mailing Address: Phone #: email or Fax#: bLo QA/QC Package: Standard Accreditation: Date Time M 9-18 100 0 P-18 100 0 Maline: Re Maline:	1	Az Oth		Slinqu mpes
Client: H: L Client: H: L Client: H: L Client: H: L Mailing Addre CA/OC Packag CA/O	9 38:	-a :: -		ary, sa
Client: H Mailing A Mailing A Coavac Pe Coavac	ddrei	ard ard tition:	70)	ime:
Olier Clier Clier	نا الله الله الله الله الله الله الله ال	il or l		- 3
	Olier Clier Phor	OAVC CACC	7-6	Date:

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-12288-1

Login Number: 12288 List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

ordator. Oddarrabias, macy		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	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	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 392558

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	392558
	Action Type:
	[REPORT] Alternative Remediation Report (C-141AR)

CONDITIONS

Created	Condition	Condition Date
Ву		
nvelez	1. Continue O&M & sampling as stated in report. 2. Submit next quarterly report by January 15, 2025.	10/25/2024