1. Continue O&M & sampling as stated in report. 2. Submit next quarterly

report by April 15, 2025.

January 6, 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: Fourth 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 Fourth 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 October, November, and December 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.

FOURTH QUARTER 2024 ACTIVITIES

During the fourth guarter 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 fourth quarter of 2024, SVE wells SVE02, SVE03, and SVE04 were operated to induce air flow in the impacted zones at the Site. Between September 18 and December 19, 2024, approximately 956 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, the actual runtime

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



for the system was 937.5 hours, equating to a fourth quarter 2024 runtime efficiency of 98.1 percent (%). Table 1 presents the SVE system runtime compared to nominal available daylight hours per month. Appendix B presents photographs of the runtime meter for calculating the fourth quarter runtime efficiency.

A fourth quarter 2024 vapor sample was collected on November 20, 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 Eurofins Environment Testing in Albuquerque, New Mexico 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, 50,578 pounds (25 tons) of TVPH have been removed by the system to date.

DISCUSSION AND RECOMMENDATIONS

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.

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:

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



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

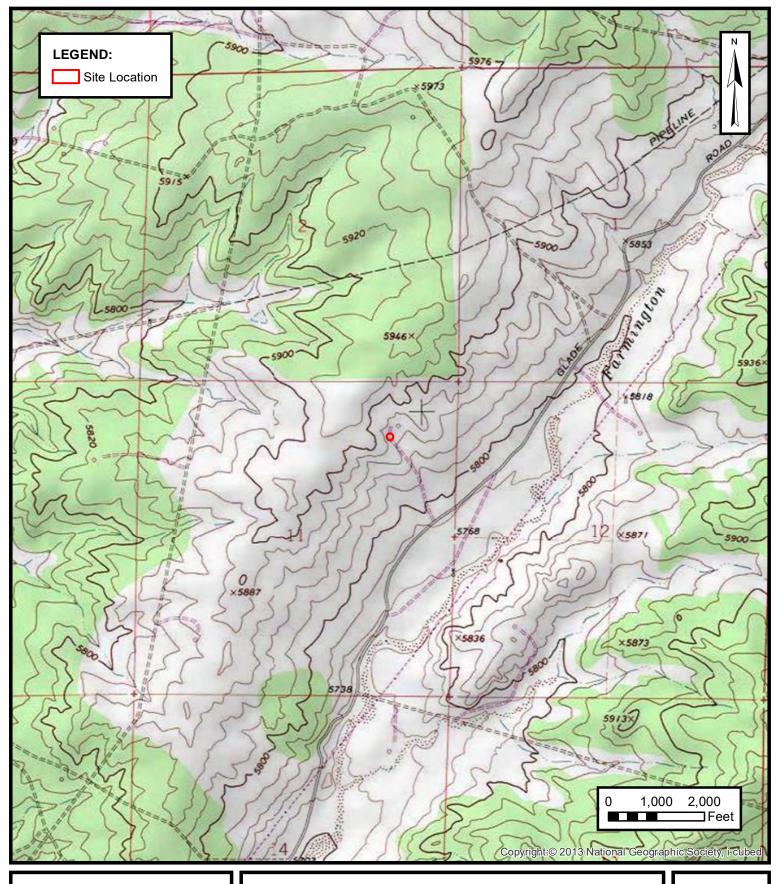
Appendix A Field Notes

Appendix B Project Photographs

Appendix C Laboratory Analytical Reports



Figures



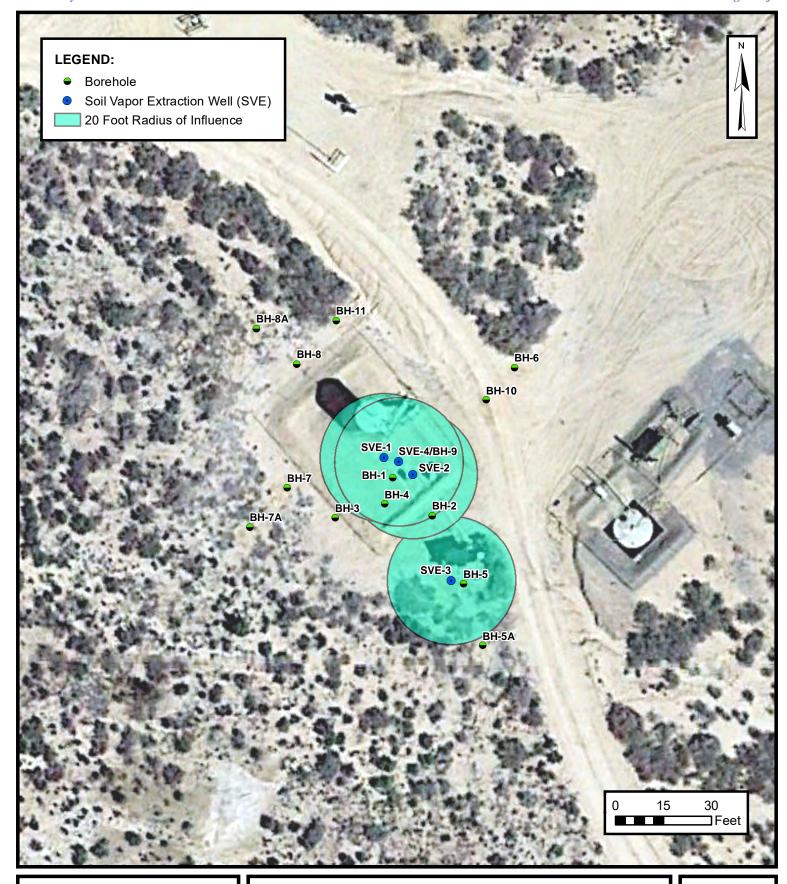


SITE LOCATION

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

PROJECT NUMBER: 07A1988001

FIGURE





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



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	
9/18/2024	25,878.5		
12/19/2024	26,816.0	937.5	

Time Period	September 18 to September 30, 2024	October 1 to October 31, 2024	November 1 to November 30, 2024	December 1 to December 19, 2024
Days	12	31	30	19
Avg. Nominal Daylight Hours	12	11	10	9
Available Runtime Hours	144	341	300	171

Quarterly Available Daylight Runtime Hours Quarterly Runtime Hours Quarterly % Runtime 956 937.5 98.1%

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%
11/20/2024	698.0	23	61	2.6	35	6,400	16.32%	2.71%

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)

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

Inlet PID (ppm) Ethylbenzene (μg/L) Total Xylenes (μg/L) Benzene (μg/L) Toluene (μg/L) TVPH (μg/L) Date 1/24/2018 8/17/2018 1,435 1,873 200 380 38 320 30,000 18,000 3/22/2019 6/18/2019 9/25/2019 12/16/2019 1,607 490 920 480 1,026 1,762 1,902 22,000 330 480 497 31,000 45,000 9/16/2020 433 32,100 12/8/2020 1,741 114 324 16,000 1,252 5,700 33,000 1,374 1,096 708 545 160 120 69 24,098 26,000 13,000 10,500 15,000 220 82 38 12/15/2021 3/16/2022 6/16/2022 9/8/2022 12/7/2022 3/9/2023 24 4.99 612 6/23/2023 1,109 13,000 3/7/2024 4,800

	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	
11/20/2024	32	48,529,170	1,291,200	0.012	0.028	0.0014	0.012	0.66	
-			Average	0.013	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
11/20/2024	26,551	673	8	19	0.9	8	447	0.22
	Total Ma	ss Recovery to Date	385	847	36	666	50,578	25

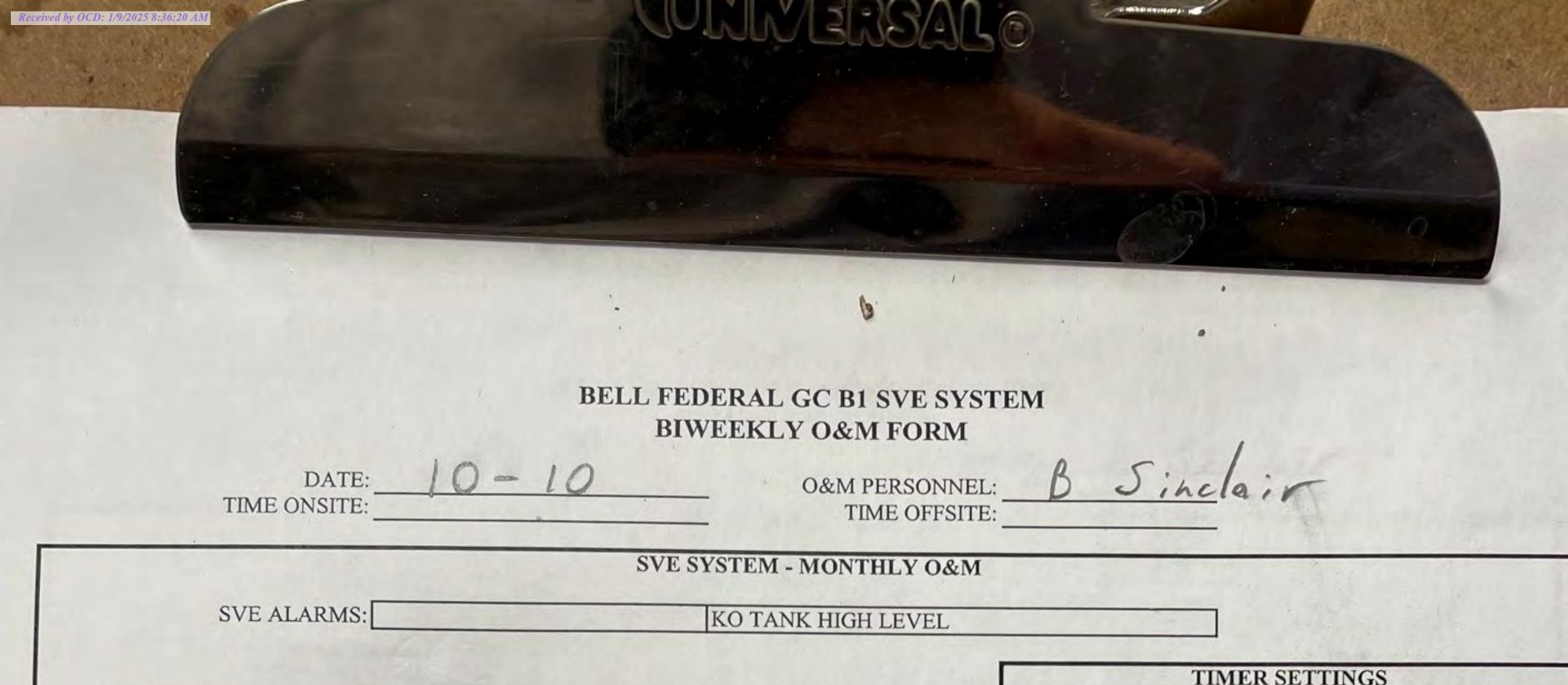
Notes:
cf: cubic feet
cfm: cubic feet per minute
µg/L: micrograms per liter
lb/hr: pounds per hour
--: not sampled

PID: photoionization detector PIL: pnotoxinization detector
ppm: parts or million
TVPH: total volatile petroleum hydrocarbons
gray: laboratory reporting limit used for calculating emissions



APPENDIX A

Field Notes



DATE:	10-10	O&M PERSONNEL TIME OFFSITE		lair
	SVE	SYSTEM - MONTHLY O&M		
	SVE	SISIEM - MONTHLY OWN		
SVE ALARMS:		KO TANK HIGH LEVEL		
			TIN	MER SETTINGS
			Month	Timer Setting
SVE SYSTEM	READING	TIME	January	8 AM to 7 PM
Blower Hours (take photo)	26101.1	1335	February	8 AM to 7 PM
Pre K/O Vacuum (IWC)	16	1000	March	8 AM to 8 PM
Thermal Anemometer Flow (fpm)	1067		April	8 AM to 9 PM
Thermal Anemometer Temp (C)	34.9.0		May	7 AM to 9 PM
Inlet PID	SICY		June	6 AM to 9 PM
Exhaust PID	436.5		July	6 AM to 9 PM
Solar Panel Angle				7 AM to 9 PM
K/O Tank Drum Level			August September	8 AM to 9 PM
K/O Liquid Drained (gallons)			October	
Timer Setting				8 AM to 8 PM
Heat Trace (on/off)			November December	9 AM to 8 PM
			December	8 AM to 6 PM
Change in Well Operation:				
LOCATION	VACUUM (IWC)	PID HEADSPACE (PPM)	ADJUSTMENTS	
SVE01				
SVE02	16.83	4 [3 . 3		
SVE03	16.63	773.2		
SVE04	17.33	1195		
RODUCT RECOVERY				
LOCATION	DEPTH TO PRODUCT	DEPTH TO WATER	ECOVERED VOLUM	COMMENTS
SVE-1				COMMENTE
SVE-2RS				
SVE-4				
SVE-11S				
SVE-13S			THE REAL PROPERTY OF	
SVE-14S				The dealers of the second
COMMENTS/OTHER MAINTENAN	CE:			

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SVE ALARMS:		KO TANK HIGH LEVEL		
Printed States				
				ETTINGS
SVE SYSTEM	DEADING	TIME	Month	Timer Setting
Blower Hours (take photo)	READING	TIME	January	8 AM to 7 PM
Pre K/O Vacuum (IWC)	602/810	1318	February	8 AM to 7 PM 8 AM to 8 PM
hermal Anemometer Velocity (fpm)	1216		March April	8 AM to 9 PM
Thermal Anemometer Temp (C)	28.30		May	7 AM to 9 PM
Inlet PID	583.3		June	6 AM to 9 PM
Exhaust PID	990.2		July	6 AM to 9 PM
Solar Panel Angle	110.0		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	SVE SYST TVPH (8015), VOCs (8260), Fixed	EM - QUARTERLY SAMPL SAMPLE TIME Gas (CO/CO2/O2)		
Analytes: OPERATING WELLS	10 mm	SAMPLE TIME		
Analytes:	10 mm	SAMPLE TIME		ADJUSTMENTS
Analytes: OPERATING WELLS Change in Well Operation: LOCATION SVE01	VACUUM (IWC)	SAMPLE TIME Gas (CO/CO2/O2)	PID HEADSPACE (PPM)	ADJUSTMENTS
Analytes: OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02	VACUUM (IWC)	SAMPLE TIME Gas (CO/CO2/O2)		ADJUSTMENTS
Analytes: OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03	VACUUM (IWC)	SAMPLE TIME Gas (CO/CO2/O2)	PID HEADSPACE (PPM) 125.7 917.6	ADJUSTMENTS
Analytes: OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04	VACUUM (IWC)	SAMPLE TIME Gas (CO/CO2/O2)	PID HEADSPACE (PPM)	ADJUSTMENTS
Analytes: OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 OUCT RECOVERY	VACUUM (IWC) 16-16 17.59 17.52	SAMPLE TIME Gas (CO/CO2/O2)	PID HEADSPACE (PPM) 125.7 917.6	ADJUSTMENTS
Analytes: OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 UCT RECOVERY LOCATION	VACUUM (IWC)	SAMPLE TIME Gas (CO/CO2/O2) VELOCITY (fpm)	PID HEADSPACE (PPM) 125.7 917.6 15 91	
Analytes: OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 OUCT RECOVERY LOCATION SVE-1	VACUUM (IWC) 16-16 17.59 17.52	SAMPLE TIME Gas (CO/CO2/O2) VELOCITY (fpm)	PID HEADSPACE (PPM) 125.7 917.6 15 91	
Analytes: OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 OUCT RECOVERY LOCATION SVE-1 SVE-2RS	VACUUM (IWC) 16-16 17.59 17.52	SAMPLE TIME Gas (CO/CO2/O2) VELOCITY (fpm)	PID HEADSPACE (PPM) 125.7 917.6 15 91	
Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 DUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4	VACUUM (IWC) 16-16 17.59 17.52	SAMPLE TIME Gas (CO/CO2/O2) VELOCITY (fpm)	PID HEADSPACE (PPM) 125.7 917.6 15 91	
Analytes: OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 OUCT RECOVERY LOCATION SVE-1 SVE-2RS	VACUUM (IWC) 16-16 17.59 17.52	SAMPLE TIME Gas (CO/CO2/O2) VELOCITY (fpm)	PID HEADSPACE (PPM) 125.7 917.6 15 91	
Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 UCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S	VACUUM (IWC) 16-16 17.59 17.52	SAMPLE TIME Gas (CO/CO2/O2) VELOCITY (fpm)	PID HEADSPACE (PPM) 125.7 917.6 15 91	



DATE:	11-11	O&M PERSONNEL:	B Sinclair
TIME ONSITE:		TIME OFFSITE:	

SVE ALARMS:		KO TANK HIGH LEVEL		
			TIMER	SETTINGS
			Month	Timer Setting
SVE SYSTEM	READING	TIME	January	8 AM to 7 PM
Blower Hours (take photo)	26457,9	1400	February	8 AM to 7 PM
Pre K/O Vacuum (IWC)	16		March	8 AM to 8 PM
Thermal Anemometer Velocity (fpm)	1138		April	8 AM to 9 PM
Thermal Anemometer Temp (C)	29.45		May	7 AM to 9 PM
Inlet PID	565.2		June	6 AM to 9 PM
Exhaust PID	722.8		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

	SVE SYSTEM - QUARTERLY SAMPLING	
SAMPLE ID:	SAMPLE TIME:	
Analytes: TVPH (8015), V	OCs (8260), Fixed Gas (CO/CO2/O2)	
OPERATING WELLS		

Change in Well Operation:				
LOCATION	VACUUM (IWC)	VELOCITY (fpm)	PID HEADSPACE (PPM)	ADJUSTMENTS
SVE01				
SVE02	16.74		314.6	Sealing of the Silver
SVE03	16.88		814,2	
SVE04	17.37		1475	

LOCATION	DEPTH TO PRODUCT	DEPTH TO WATER	RECOVERED VOLUME	COMMENTS
SVE-1				
SVE-2RS				
SVE-4				
SVE-11S				
SVE-13S				
SVE-14S				

COMMENTS/OTHER MAINTENANCE:

	SVE S	SYSTEM - MONTHLY O&M		
SVE ALARMS:		KO TANK HIGH LEVEL		
			TIMI	ED CETTINGS
			Month	ER SETTINGS Timer Setting
SVE SYSTEM	READING	TIME		8 AM to 7 PM
	READING	TIME	January	8 AM to 7 PM
Blower Hours (take photo) Pre K/O Vacuum (IWC)	76331.0	1245	February March	8 AM to 8 PM
	00/1		April	8 AM to 9 PM
Thermal Anemometer Flow (fpm)	981.7		May	7 AM to 9 PM
Thermal Anemometer Temp (C)	1050		June	6 AM to 9 PM
Inlet PID	698.0		July	6 AM to 9 PM
Exhaust PID	83216			7 AM to 9 PM
Solar Panel Angle			August	8 AM to 9 PM
K/O Tank Drum Level			September October	8 AM to 8 PM
K/O Liquid Drained (gallons)			November	9 AM to 8 PM
Timer Setting			December	8 AM to 6 PM
Heat Trace (on/off) SAMPLE ID:		TEM - QUARTERLY SAMPLIN SAMPLE TIME:	(G	
SAMPLE ID:	SVE SYS' VPH (8015), VOCs (8260), Fix	SAMPLE TIME:	(G	
SAMPLE ID: Analytes:	SVF-I	SAMPLE TIME:	(G	
SAMPLE ID: Analytes: TOPERATING WELLS	SVF-I	SAMPLE TIME:	(G	
SAMPLE ID: Analytes: To OPERATING WELLS Change in Well Operation:	VACUUM (IWC)	SAMPLE TIME: ed Gas (CO/CO2/O2) PID HEADSPACE (PPM)	1300	
SAMPLE ID: Analytes: To the second of the se	VPH (8015), VOCs (8260), Fix VACUUM (IWC)	PID HEADSPACE (PPM) 236.6	1300	
SAMPLE ID: Analytes: To OPERATING WELLS Change in Well Operation: LOCATION SVE01	VACUUM (IWC) 16.08 18.67	SAMPLE TIME: ed Gas (CO/CO2/O2) PID HEADSPACE (PPM)	1300	
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02	VPH (8015), VOCs (8260), Fix VACUUM (IWC)	PID HEADSPACE (PPM) 236.6	1300	
SAMPLE ID: Analytes: Toperation: Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04	VACUUM (IWC) 16.08 18.67	PID HEADSPACE (PPM) 236.6 805.6 1714	ADJUSTMENTS	
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY	VACUUM (IWC) 16.08 18.67	PID HEADSPACE (PPM) 236.6 805.6	1300	COMMENTS
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION	VACUUM (IWC) 16.08 18.67	PID HEADSPACE (PPM) 236.6 805.6 1714	ADJUSTMENTS	COMMENTS
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1	VACUUM (IWC) 16.08 18.67	PID HEADSPACE (PPM) 236.6 805.6 1714	ADJUSTMENTS	COMMENTS
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS	VACUUM (IWC) 16.08 18.67	PID HEADSPACE (PPM) 236.6 805.6 1714	ADJUSTMENTS	COMMENTS
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4	VACUUM (IWC) 16.08 18.67	PID HEADSPACE (PPM) 236.6 805.6 1714	ADJUSTMENTS	COMMENTS
SAMPLE ID: Analytes: Toperation: Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S	VACUUM (IWC) 16.08 18.67	PID HEADSPACE (PPM) 236.6 805.6 1714	ADJUSTMENTS	COMMENTS
SAMPLE ID: Analytes: TOPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4	VACUUM (IWC) 16.08 18.67	PID HEADSPACE (PPM) 236.6 805.6 1714	ADJUSTMENTS	COMMENTS



SVE SYSTEM - MONTHLY O&M

DATE:	12-4	O&M PERSONNEL: TIME OFFSITE:	B	Sincl	air
					0.5

SVE ALARMS:	KO TANK HIGH LEVEL		
SVE SYSTEM REAL		Month	ER SETTINGS Timer Setting
Blower Hours (take photo) 2 6 7 3	DING	January	8 AM to 7 PM
Pre K/O Vacuum (IWC)	9 1148	February	8 AM to 7 PM
Thermal Anemometer Flow (fpm)	19	March	8 AM to 8 PM
Thermal Anemometer Temp (C)	2/	April	8 AM to 9 PM
Inlet PID 52	23	May	7 AM to 9 PM
7: 02:	3.4	June	6 AM to 9 PM
Solar Panel Angle	2.5	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
Ticat Trace (OII/OII)		December	- 8 AM to 6 PM

	SVE SYSTEM - QUARTERLY SAMPLING
SAMPLE ID:	SAMPLE TIME:
Analytes:	TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2)
OPERATING WELLS	

Change in Well Operation:

LOCATION	VACUUM (IWC)	PID HEADSPACE (PPM)	ADJUSTMENTS
SVE01			
SVE02	13.46	114.5	
SVE03	15,46	689.2	
SVE04	16.72	1686	

PRODUCT	RECOVERY
T	OCATION

LOCATION	DEPTH TO PRODUCT	DEPTH TO WATER	ECOVERED VOLUM	COMMENTS
SVE-1				
SVE-2RS				
SVE-4				
SVE-11S		WITH THE MENT OF THE PARTY OF T		
SVE-13S				
SVE-14S				

COMMENTS/OTHER MAINTENANCE:

Both exhaust valves closed on arrival

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BELL FEDERAL GC B1 SVE SYSTEM BIWEEKLY O&M FORM

		STEM - MONTHLY O&M		#
SVE ALARMS:	K	O TANK HIGH LEVEL		
			TIMER SE	ETTINGS
			Month	Timer Setting
	DE LEDITO	TIME	January	8 AM to 7 PM
SVE SYSTEM	READING	THE RESERVE TO SHARE THE PARTY OF THE PARTY	February	8 AM to 7 PM
Blower Hours (take photo)	26815.4	1135	March	8 AM to 8 PM
Pre K/O Vacuum (IWC)	10-10		April	8 AM to 9 PM
Thermal Anemometer Velocity (fpm)	1076		May	7 AM to 9 PM
Thermal Anemometer Temp (C)	26,25		June	6 AM to 9 PM
Inlet PID	5/4.2		July	6 AM to 9 PM
Exhaust PID	796.9		August	7 AM to 9 PM
Solar Panel Angle			September	8 AM to 9 PM
K/O Tank Drum Level		Very and	October	8 AM to 8 PM
K/O Liquid Drained (gallons)			November	9 AM to 8 PM
Timer Setting Heat Trace (on/off)			December	8 AM to 6 PM
Analytes: OPERATING WELLS				
OPERATING WELLS				
			L DID HEADCRACE (DDM)	ADIUSTMENTS
OPERATING WELLS Change in Well Operation:	VACUUM (IWC)	VELOCITY (fpm)	PID HEADSPACE (PPM)	ADJUSTMENTS
OPERATING WELLS	VACUUM (IWC)	VELOCITY (fpm)	The second secon	ADJUSTMENTS
OPERATING WELLS Change in Well Operation: LOCATION	VACUUM (IWC)	VELOCITY (fpm)	322.9	ADJUSTMENTS
Change in Well Operation: LOCATION SVE01	13.78	VELOCITY (fpm)	322.9 776.1	ADJUSTMENTS
Change in Well Operation: LOCATION SVE01 SVE02	VACUUM (IWC) 13.78 16.25 16.78	VELOCITY (fpm)	322.9	ADJUSTMENTS
Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04	13.78		322.9 776.1 158 5	ADJUSTMENTS
Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY	13.78	VELOCITY (fpm) DEPTH TO WATER	322.9 776.1	
Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04	13.78		322.9 776.1 158 5	
Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION	13.78		322.9 776.1 158 5	
Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4	13.78		322.9 776.1 158 5	
Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S	13.78		322.9 776.1 158 5	
Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S SVE-13S	13.78		322.9 776.1 158 5	
Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 RODUCT RECOVERY LOCATION SVE-1 SVE-2RS SVE-4 SVE-11S	13.78		322.9 776.1 158 5	



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 September 18, 2024 at 11:18 AM Hours = 25,878.5



Photograph 2

Runtime meter taken on December 19, 2024 at 11:35 AM Hours = 26,815.9





APPENDIX C

Laboratory Analytical Reports

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/11/2024 2:08:46 PM

JOB DESCRIPTION

Bell Fed GC B1

JOB NUMBER

885-15768-1

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 12/11/2024 2:08:46 PM

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

Page 2 of 27 12/11/2024

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1 1

Laboratory Job ID: 885-15768-1

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

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Client Sample Results	6
QC Sample Results	8
QC Association Summary	14
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Subcontract Data	19
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Receipt Checklists	27

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Definitions/Glossary

Client: Hilcorp Energy Job ID: 885-15768-1

Project/Site: Bell Fed GC B1

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 Cot

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

Eurofins Albuquerque

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Case Narrative

Client: Hilcorp Energy Job ID: 885-15768-1 Project: Bell Fed GC B1

Job ID: 885-15768-1 **Eurofins Albuquerque**

Job Narrative 885-15768-1

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 11/22/2024 6:15 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 1.2°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 Job ID: 885-15768-1

Project/Site: Bell Fed GC B1

Lab Sample ID: 885-15768-1 **Client Sample ID: SVE-1** Date Collected: 11/20/24 13:00

Matrix: Air

Date Received: 11/22/24 06:15 Sample Container: Tedlar Bag 1L

Released to Imaging: 1/16/2025 8:55:16 AM

Method: SW846 8015M/D - Nonhalogenated Or	anics using GC/MS -Modified	(Gasoline Range Organics)
---	-----------------------------	---------------------------

Analyte	Result Q	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 -	6400		130	ug/L			11/22/24 15:51	25

C10]

Surrogate	%Recovery (Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		52 - 172		11/22/24 15:51	25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
1,1,1,2-Tetrachloroethane	ND		2.5	ug/L			11/22/24 15:51	2
1,1,1-Trichloroethane	ND		2.5	ug/L			11/22/24 15:51	2
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L			11/22/24 15:51	2
1,1,2-Trichloroethane	ND		2.5	ug/L			11/22/24 15:51	2
1,1-Dichloroethane	ND		2.5	ug/L			11/22/24 15:51	2
1,1-Dichloroethene	ND		2.5	ug/L			11/22/24 15:51	2
1,1-Dichloropropene	ND		2.5	ug/L			11/22/24 15:51	2
1,2,3-Trichlorobenzene	ND		2.5	ug/L			11/22/24 15:51	2
1,2,3-Trichloropropane	ND		5.0	ug/L			11/22/24 15:51	2
1,2,4-Trichlorobenzene	ND		2.5	ug/L			11/22/24 15:51	2
1,2,4-Trimethylbenzene	ND		2.5	ug/L			11/22/24 15:51	2
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			11/22/24 15:51	2
1,2-Dibromoethane (EDB)	ND		2.5	ug/L			11/22/24 15:51	2
1,2-Dichlorobenzene	ND		2.5	ug/L			11/22/24 15:51	2
1,2-Dichloroethane (EDC)	ND		2.5	ug/L			11/22/24 15:51	2
1,2-Dichloropropane	ND		2.5	ug/L			11/22/24 15:51	2
1,3,5-Trimethylbenzene	ND		2.5	ug/L			11/22/24 15:51	25
1,3-Dichlorobenzene	ND		2.5	ug/L			11/22/24 15:51	2
1,3-Dichloropropane	ND		2.5	ug/L			11/22/24 15:51	2
1,4-Dichlorobenzene	ND		2.5	ug/L			11/22/24 15:51	25
1-Methylnaphthalene	ND		10	ug/L			11/22/24 15:51	25
2,2-Dichloropropane	ND		5.0	ug/L			11/22/24 15:51	2
2-Butanone	ND		25	ug/L			11/22/24 15:51	25
2-Chlorotoluene	ND		2.5	ug/L			11/22/24 15:51	25
2-Hexanone	ND		25	ug/L			11/22/24 15:51	2
2-Methylnaphthalene	ND		10	ug/L			11/22/24 15:51	25
4-Chlorotoluene	ND		2.5	ug/L			11/22/24 15:51	2
4-Isopropyltoluene	ND		2.5	ug/L			11/22/24 15:51	2
4-Methyl-2-pentanone	ND		25	ug/L			11/22/24 15:51	2
Acetone	ND		25	ug/L			11/22/24 15:51	2
Benzene	23		2.5	ug/L			11/22/24 15:51	2
Bromobenzene	ND		2.5	ug/L			11/22/24 15:51	25
Bromodichloromethane	ND		2.5	ug/L			11/22/24 15:51	2
Dibromochloromethane	ND		2.5	ug/L			11/22/24 15:51	2
Bromoform	ND		2.5	ug/L			11/22/24 15:51	25
Bromomethane	ND		7.5	ug/L			11/22/24 15:51	25
Carbon disulfide	ND		25	ug/L			11/22/24 15:51	2
Carbon tetrachloride	ND		2.5	ug/L			11/22/24 15:51	25
Chlorobenzene	ND		2.5	ug/L			11/22/24 15:51	2
Chloroethane	ND		5.0	ug/L			11/22/24 15:51	2
Chloroform	ND		2.5	ug/L			11/22/24 15:51	25

Client Sample Results

Client: Hilcorp Energy Job ID: 885-15768-1

Project/Site: Bell Fed GC B1

Client Sample ID: SVE-1 Lab Sample ID: 885-15768-1 Date Collected: 11/20/24 13:00

Matrix: Air

Date Received: 11/22/24 06:15 Sample Container: Tedlar Bag 1L

Analyte	Result Qualifier	RL	Unit	D Prepared	Analyzed	Dil Fac
Chloromethane	ND ND	7.5	ug/L		11/22/24 15:51	25
cis-1,2-Dichloroethene	ND	2.5	ug/L		11/22/24 15:51	25
cis-1,3-Dichloropropene	ND	2.5	ug/L		11/22/24 15:51	25
Dibromomethane	ND	2.5	ug/L		11/22/24 15:51	25
Dichlorodifluoromethane	ND	2.5	ug/L		11/22/24 15:51	25
Ethylbenzene	2.6	2.5	ug/L		11/22/24 15:51	25
Hexachlorobutadiene	ND	2.5	ug/L		11/22/24 15:51	25
Isopropylbenzene	ND	2.5	ug/L		11/22/24 15:51	25
Methyl-tert-butyl Ether (MTBE)	ND	2.5	ug/L		11/22/24 15:51	25
Methylene Chloride	ND	7.5	ug/L		11/22/24 15:51	25
n-Butylbenzene	ND	7.5	ug/L		11/22/24 15:51	25
N-Propylbenzene	ND	2.5	ug/L		11/22/24 15:51	25
Naphthalene	ND	5.0	ug/L		11/22/24 15:51	25
sec-Butylbenzene	ND	2.5	ug/L		11/22/24 15:51	25
Styrene	ND	2.5	ug/L		11/22/24 15:51	25
tert-Butylbenzene	ND	2.5	ug/L		11/22/24 15:51	25
Tetrachloroethene (PCE)	ND	2.5	ug/L		11/22/24 15:51	25
Toluene	61	2.5	ug/L		11/22/24 15:51	25
trans-1,2-Dichloroethene	ND	2.5	ug/L		11/22/24 15:51	25
trans-1,3-Dichloropropene	ND	2.5	ug/L		11/22/24 15:51	25
Trichloroethene (TCE)	ND	2.5	ug/L		11/22/24 15:51	25
Trichlorofluoromethane	ND	2.5	ug/L		11/22/24 15:51	25
Vinyl chloride	ND	2.5	ug/L		11/22/24 15:51	25
Xylenes, Total	35	3.8	ug/L		11/22/24 15:51	25
Survey and a	9/ Bassyamy Ovalifier	l imita		Duamarad	Amalumad	Dil Foo

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 130		11/22/24 15:51	25
Toluene-d8 (Surr)	111		70 - 130		11/22/24 15:51	25
4-Bromofluorobenzene (Surr)	98		70 - 130		11/22/24 15:51	25
Dibromofluoromethane (Surr)	96		70 - 130		11/22/24 15:51	25

Job ID: 885-15768-1 Client: Hilcorp Energy

Project/Site: Bell Fed GC B1

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

Lab Sample ID: MB 885-16598/4 Client Sample ID: Method Blank Matrix: Air Prep Type: Total/NA

Analysis Batch: 16598

MB MB Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Gasoline Range Organics [C6 - C10] ND 5.0 ug/L 11/22/24 14:38

MB MB

Qualifier Surrogate %Recovery Limits Prepared Analyzed Dil Fac 52 - 172 4-Bromofluorobenzene (Surr) 80 11/22/24 14:38

Lab Sample ID: LCS 885-16598/3 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Air

Analysis Batch: 16598

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits 4250 4260 ug/L 100 70 - 130 Gasoline Range Organics [C6 -

C10]

LCS LCS Surrogate %Recovery Qualifier

Limits 4-Bromofluorobenzene (Surr) 87 52 - 172

Lab Sample ID: 885-15768-1 DU Client Sample ID: SVE-1 Matrix: Air Prep Type: Total/NA

Analysis Batch: 16598

Sample Sample DU DU **RPD** Result Qualifier Result Qualifier RPD Limit Analyte Unit 6010 6400 Gasoline Range Organics [C6 ug/L 20

C10]

DU DU Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 85 52 - 172

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

Lab Sample ID: MB 885-16467/1006 Client Sample ID: Method Blank Matrix: Air Prep Type: Total/NA

Analysis Batch: 16467

Released to Imaging: 1/16/2025 8:55:16 AM

/ maryoro Datom 10101								
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.10	ug/L			11/22/24 14:38	1
1,1,1-Trichloroethane	ND		0.10	ug/L			11/22/24 14:38	1
1,1,2,2-Tetrachloroethane	ND		0.20	ug/L			11/22/24 14:38	1
1,1,2-Trichloroethane	ND		0.10	ug/L			11/22/24 14:38	1
1,1-Dichloroethane	ND		0.10	ug/L			11/22/24 14:38	1
1,1-Dichloroethene	ND		0.10	ug/L			11/22/24 14:38	1
1,1-Dichloropropene	ND		0.10	ug/L			11/22/24 14:38	1
1,2,3-Trichlorobenzene	ND		0.10	ug/L			11/22/24 14:38	1
1,2,3-Trichloropropane	ND		0.20	ug/L			11/22/24 14:38	1
1,2,4-Trichlorobenzene	ND		0.10	ug/L			11/22/24 14:38	1
1,2,4-Trimethylbenzene	ND		0.10	ug/L			11/22/24 14:38	1
1,2-Dibromo-3-Chloropropane	ND		0.20	ug/L			11/22/24 14:38	1
1,2-Dibromoethane (EDB)	ND		0.10	ug/L			11/22/24 14:38	1
1,2-Dichlorobenzene	ND		0.10	ug/L			11/22/24 14:38	1

Lab Sample ID: MB 885-16467/1006

QC Sample Results

Client: Hilcorp Energy Job ID: 885-15768-1

Project/Site: Bell Fed GC B1

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

Matrix: Air

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB MB					
Analyte	Result Qualifier	RL	Unit	D Prepared	Analyzed	Dil Fa
1,2-Dichloroethane (EDC)	ND	0.10	ug/L		11/22/24 14:38	
1,2-Dichloropropane	ND	0.10	ug/L		11/22/24 14:38	•
1,3,5-Trimethylbenzene	ND	0.10	ug/L		11/22/24 14:38	•
1,3-Dichlorobenzene	ND	0.10	ug/L		11/22/24 14:38	
1,3-Dichloropropane	ND	0.10	ug/L		11/22/24 14:38	•
1,4-Dichlorobenzene	ND	0.10	ug/L		11/22/24 14:38	•
1-Methylnaphthalene	ND	0.40	ug/L		11/22/24 14:38	
2,2-Dichloropropane	ND	0.20	ug/L		11/22/24 14:38	•
2-Butanone	ND	1.0	ug/L		11/22/24 14:38	•
2-Chlorotoluene	ND	0.10	ug/L		11/22/24 14:38	
2-Hexanone	ND	1.0	ug/L		11/22/24 14:38	
2-Methylnaphthalene	ND	0.40	ug/L		11/22/24 14:38	
4-Chlorotoluene	ND	0.10	ug/L		11/22/24 14:38	
4-Isopropyltoluene	ND	0.10	ug/L		11/22/24 14:38	
4-Methyl-2-pentanone	ND	1.0	ug/L		11/22/24 14:38	
Acetone	ND	1.0	ug/L		11/22/24 14:38	
Benzene	ND	0.10	ug/L		11/22/24 14:38	
Bromobenzene	ND	0.10	ug/L		11/22/24 14:38	
Bromodichloromethane	ND	0.10	ug/L		11/22/24 14:38	
Dibromochloromethane	ND	0.10	ug/L		11/22/24 14:38	
Bromoform	ND	0.10	ug/L		11/22/24 14:38	
Bromomethane	ND	0.30	ug/L		11/22/24 14:38	
Carbon disulfide	ND	1.0	ug/L		11/22/24 14:38	
Carbon tetrachloride	ND	0.10	ug/L		11/22/24 14:38	
Chlorobenzene	ND	0.10	ug/L		11/22/24 14:38	
Chloroethane	ND	0.20	ug/L		11/22/24 14:38	
Chloroform	ND	0.10	ug/L		11/22/24 14:38	
Chloromethane	ND	0.30	ug/L		11/22/24 14:38	
cis-1,2-Dichloroethene	ND	0.10	ug/L		11/22/24 14:38	
cis-1,3-Dichloropropene	ND	0.10	ug/L		11/22/24 14:38	
Dibromomethane	ND	0.10	ug/L		11/22/24 14:38	
Dichlorodifluoromethane	ND	0.10	ug/L		11/22/24 14:38	
Ethylbenzene	ND	0.10	ug/L		11/22/24 14:38	
Hexachlorobutadiene	ND	0.10	ug/L		11/22/24 14:38	
Isopropylbenzene	ND	0.10	ug/L		11/22/24 14:38	
Methyl-tert-butyl Ether (MTBE)	ND	0.10	ug/L		11/22/24 14:38	
Methylene Chloride	ND	0.30	ug/L		11/22/24 14:38	
n-Butylbenzene	ND	0.30	ug/L		11/22/24 14:38	
N-Propylbenzene	ND	0.10	ug/L		11/22/24 14:38	
• •	ND	0.20			11/22/24 14:38	
Naphthalene	ND	0.20	ug/L			
sec-Butylbenzene			ug/L		11/22/24 14:38	
Styrene	ND ND	0.10	ug/L		11/22/24 14:38	
tert-Butylbenzene Tetrachlereethene (PCE)	ND ND	0.10	ug/L		11/22/24 14:38	
Tetrachloroethene (PCE)	ND ND	0.10	ug/L		11/22/24 14:38	
Toluene	ND ND	0.10	ug/L		11/22/24 14:38	•
trans-1,2-Dichloroethene	ND ND	0.10	ug/L		11/22/24 14:38	
trans-1,3-Dichloropropene	ND	0.10	ug/L		11/22/24 14:38	
Trichloroethene (TCE)	ND	0.10	ug/L		11/22/24 14:38	•
Trichlorofluoromethane	ND	0.10	ug/L		11/22/24 14:38	•

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

Job ID: 885-15768-1

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

MB MB

Lab Sample ID: MB 885-16467/1006

Matrix: Air

Analysis Batch: 16467

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.10	ug/L			11/22/24 14:38	1
Xylenes, Total	ND		0.15	ug/L			11/22/24 14:38	1

MB MB %Recovery Qualifier Limits Prepared Dil Fac Surrogate Analyzed 11/22/24 14:38 1,2-Dichloroethane-d4 (Surr) 109 70 - 130 Toluene-d8 (Surr) 93 70 - 130 11/22/24 14:38 4-Bromofluorobenzene (Surr) 91 70 - 130 11/22/24 14:38 Dibromofluoromethane (Surr) 108 70 - 130 11/22/24 14:38

Lab Sample ID: MB 885-16467/6

Matrix: Air

Analysis Batch: 16467

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			11/22/24 14:38	1
1,1,1-Trichloroethane	ND		1.0	ug/L			11/22/24 14:38	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			11/22/24 14:38	1
1,1,2-Trichloroethane	ND		1.0	ug/L			11/22/24 14:38	1
1,1-Dichloroethane	ND		1.0	ug/L			11/22/24 14:38	1
1,1-Dichloroethene	ND		1.0	ug/L			11/22/24 14:38	1
1,1-Dichloropropene	ND		1.0	ug/L			11/22/24 14:38	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			11/22/24 14:38	1
1,2,3-Trichloropropane	ND		2.0	ug/L			11/22/24 14:38	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			11/22/24 14:38	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			11/22/24 14:38	1
1,2-Dibromo-3-Chloropropane	ND		2.0	ug/L			11/22/24 14:38	1
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			11/22/24 14:38	1
1,2-Dichlorobenzene	ND		1.0	ug/L			11/22/24 14:38	1
1,2-Dichloroethane (EDC)	ND		1.0	ug/L			11/22/24 14:38	1
1,2-Dichloropropane	ND		1.0	ug/L			11/22/24 14:38	1
1,3,5-Trimethylbenzene	ND		1.0	ug/L			11/22/24 14:38	1
1,3-Dichlorobenzene	ND		1.0	ug/L			11/22/24 14:38	1
1,3-Dichloropropane	ND		1.0	ug/L			11/22/24 14:38	1
1,4-Dichlorobenzene	ND		1.0	ug/L			11/22/24 14:38	1
1-Methylnaphthalene	ND		4.0	ug/L			11/22/24 14:38	1
2,2-Dichloropropane	ND		2.0	ug/L			11/22/24 14:38	1
2-Butanone	ND		10	ug/L			11/22/24 14:38	1
2-Chlorotoluene	ND		1.0	ug/L			11/22/24 14:38	1
2-Hexanone	ND		10	ug/L			11/22/24 14:38	1
2-Methylnaphthalene	ND		4.0	ug/L			11/22/24 14:38	1
4-Chlorotoluene	ND		1.0	ug/L			11/22/24 14:38	1
4-Isopropyltoluene	ND		1.0	ug/L			11/22/24 14:38	1
4-Methyl-2-pentanone	ND		10	ug/L			11/22/24 14:38	1
Acetone	ND		10	ug/L			11/22/24 14:38	1
Benzene	ND		1.0	ug/L			11/22/24 14:38	1
Bromobenzene	ND		1.0	ug/L			11/22/24 14:38	1
Bromodichloromethane	ND		1.0	ug/L			11/22/24 14:38	1
Dibromochloromethane	ND		1.0	ug/L			11/22/24 14:38	1

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Released to Imaging: 1/16/2025 8:55:16 AM

Client: Hilcorp Energy Job ID: 885-15768-1

Project/Site: Bell Fed GC B1

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

Lab Sample ID: MB 885-16467/6 Matrix: Air

Analysis Batch: 16467

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	ug/L			11/22/24 14:38	1
Bromomethane	ND		3.0	ug/L			11/22/24 14:38	1
Carbon disulfide	ND		10	ug/L			11/22/24 14:38	1
Carbon tetrachloride	ND		1.0	ug/L			11/22/24 14:38	1
Chlorobenzene	ND		1.0	ug/L			11/22/24 14:38	1
Chloroethane	ND		2.0	ug/L			11/22/24 14:38	1
Chloroform	ND		1.0	ug/L			11/22/24 14:38	1
Chloromethane	ND		3.0	ug/L			11/22/24 14:38	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			11/22/24 14:38	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			11/22/24 14:38	1
Dibromomethane	ND		1.0	ug/L			11/22/24 14:38	1
Dichlorodifluoromethane	ND		1.0	ug/L			11/22/24 14:38	1
Ethylbenzene	ND		1.0	ug/L			11/22/24 14:38	1
Hexachlorobutadiene	ND		1.0	ug/L			11/22/24 14:38	1
Isopropylbenzene	ND		1.0	ug/L			11/22/24 14:38	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	ug/L			11/22/24 14:38	1
Methylene Chloride	ND		3.0	ug/L			11/22/24 14:38	1
n-Butylbenzene	ND		3.0	ug/L			11/22/24 14:38	1
N-Propylbenzene	ND		1.0	ug/L			11/22/24 14:38	1
Naphthalene	ND		2.0	ug/L			11/22/24 14:38	1
sec-Butylbenzene	ND		1.0	ug/L			11/22/24 14:38	1
Styrene	ND		1.0	ug/L			11/22/24 14:38	1
tert-Butylbenzene	ND		1.0	ug/L			11/22/24 14:38	1
Tetrachloroethene (PCE)	ND		1.0	ug/L			11/22/24 14:38	1
Toluene	ND		1.0	ug/L			11/22/24 14:38	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			11/22/24 14:38	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			11/22/24 14:38	1
Trichloroethene (TCE)	ND		1.0	ug/L			11/22/24 14:38	1
Trichlorofluoromethane	ND		1.0	ug/L			11/22/24 14:38	1
Vinyl chloride	ND		1.0	ug/L			11/22/24 14:38	1
Xylenes, Total	ND		1.5	ug/L			11/22/24 14:38	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		70 - 130		11/22/24 14:38	1
Toluene-d8 (Surr)	93		70 - 130		11/22/24 14:38	1
4-Bromofluorobenzene (Surr)	91		70 - 130		11/22/24 14:38	1
Dibromofluoromethane (Surr)	108		70 - 130		11/22/24 14:38	1

Lab Sample ID: LCS 885-16467/4

Matrix: Air

Analysis Batch: 16467

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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	20.1	20.0		ug/L		99	70 - 130	
Benzene	20.1	22.3		ug/L		111	70 - 130	
Chlorobenzene	20.1	19.6		ug/L		98	70 - 130	
Toluene	20.2	19.6		ug/L		97	70 - 130	
Trichloroethene (TCE)	20.2	20.1		ug/L		100	70 - 130	

Client: Hilcorp Energy Job ID: 885-15768-1

Project/Site: Bell Fed GC B1

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

Lab Sample ID: LCS 885-16467/4

Matrix: Air

Analysis Batch: 16467

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

%Recovery Qualifier Surrogate Limits 1,2-Dichloroethane-d4 (Surr) 113 70 - 130 Toluene-d8 (Surr) 94 70 - 130 70 - 130 4-Bromofluorobenzene (Surr) 94 Dibromofluoromethane (Surr) 107 70 - 130

LCS LCS

Lab Sample ID: 885-15768-1 DU **Client Sample ID: SVE-1**

Matrix: Air

Released to Imaging: 1/16/2025 8:55:16 AM

h: 16467			Prep Type: Total/NA
11. 10407	Sample Sample	DII DII	RPN

	Sample	Sample	DU	DU				RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D	RPD	Limit
1,1,1,2-Tetrachloroethane	ND		ND		ug/L		NC NC	20
1,1,1-Trichloroethane	ND		ND		ug/L		NC	20
1,1,2,2-Tetrachloroethane	ND		ND		ug/L		NC	20
1,1,2-Trichloroethane	ND		ND		ug/L		NC	20
1,1-Dichloroethane	ND		ND		ug/L		NC	20
1,1-Dichloroethene	ND		ND		ug/L		NC	20
1,1-Dichloropropene	ND		ND		ug/L		NC	20
1,2,3-Trichlorobenzene	ND		ND		ug/L		NC	20
1,2,3-Trichloropropane	ND		ND		ug/L		NC	20
1,2,4-Trichlorobenzene	ND		ND		ug/L		NC	20
1,2,4-Trimethylbenzene	ND		ND		ug/L		NC	20
1,2-Dibromo-3-Chloropropane	ND		ND		ug/L		NC	20
1,2-Dibromoethane (EDB)	ND		ND		ug/L		NC	20
1,2-Dichlorobenzene	ND		ND		ug/L		NC	20
1,2-Dichloroethane (EDC)	ND		ND		ug/L		NC	20
1,2-Dichloropropane	ND		ND		ug/L		NC	20
1,3,5-Trimethylbenzene	ND		ND		ug/L		NC	20
1,3-Dichlorobenzene	ND		ND		ug/L		NC	20
1,3-Dichloropropane	ND		ND		ug/L		NC	20
1,4-Dichlorobenzene	ND		ND		ug/L		NC	20
1-Methylnaphthalene	ND		ND		ug/L		NC	20
2,2-Dichloropropane	ND		ND		ug/L		NC	20
2-Butanone	ND		ND		ug/L		NC	20
2-Chlorotoluene	ND		ND		ug/L		NC	20
2-Hexanone	ND		ND		ug/L		NC	20
2-Methylnaphthalene	ND		ND		ug/L		NC	20
4-Chlorotoluene	ND		ND		ug/L		NC	20
4-Isopropyltoluene	ND		ND		ug/L		NC	20
4-Methyl-2-pentanone	ND		ND		ug/L		NC	20
Acetone	ND		ND		ug/L		NC	20
Benzene	23		20.7		ug/L		10	20
Bromobenzene	ND		ND		ug/L		NC	20
Bromodichloromethane	ND		ND		ug/L		NC	20
Dibromochloromethane	ND		ND		ug/L		NC	20
Bromoform	ND		ND		ug/L		NC	20
Bromomethane	ND		ND		ug/L		NC	20
Carbon disulfide	ND		ND		ug/L		NC	20
Carbon tetrachloride	ND		ND		ug/L		NC	20

Client: Hilcorp Energy Job ID: 885-15768-1

Project/Site: Bell Fed GC B1

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

Lab Sample ID: 885-15768-1 DU

Matrix: Air

Analysis Batch: 16467

Client Sample ID: SVE-1

Prep Type: Total/NA

	Sample	Sample	DU	DU				RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D	RPD	Limit
Chlorobenzene	ND		ND		ug/L		NC	20
Chloroethane	ND		ND		ug/L		NC	20
Chloroform	ND		ND		ug/L		NC	20
Chloromethane	ND		ND		ug/L		NC	20
cis-1,2-Dichloroethene	ND		ND		ug/L		NC	20
cis-1,3-Dichloropropene	ND		ND		ug/L		NC	20
Dibromomethane	ND		ND		ug/L		NC	20
Dichlorodifluoromethane	ND		ND		ug/L		NC	20
Ethylbenzene	2.6		ND		ug/L		NC	20
Hexachlorobutadiene	ND		ND		ug/L		NC	20
Isopropylbenzene	ND		ND		ug/L		NC	20
Methyl-tert-butyl Ether (MTBE)	ND		ND		ug/L		NC	20
Methylene Chloride	ND		ND		ug/L		NC	20
n-Butylbenzene	ND		ND		ug/L		NC	20
N-Propylbenzene	ND		ND		ug/L		NC	20
Naphthalene	ND		ND		ug/L		NC	20
sec-Butylbenzene	ND		ND		ug/L		NC	20
Styrene	ND		ND		ug/L		NC	20
tert-Butylbenzene	ND		ND		ug/L		NC	20
Tetrachloroethene (PCE)	ND		ND		ug/L		NC	20
Toluene	61		55.8		ug/L		9	20
trans-1,2-Dichloroethene	ND		ND		ug/L		NC	20
trans-1,3-Dichloropropene	ND		ND		ug/L		NC	20
Trichloroethene (TCE)	ND		ND		ug/L		NC	20
Trichlorofluoromethane	ND		ND		ug/L		NC	20
Vinyl chloride	ND		ND		ug/L		NC	20
Xylenes, Total	35		29.4		ug/L		18	20

DU	DU

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
Toluene-d8 (Surr)	110		70 - 130
4-Bromofluorobenzene (Surr)	97		70 - 130
Dibromofluoromethane (Surr)	94		70 - 130

QC Association Summary

Client: Hilcorp Energy

Job ID: 885-15768-1

Project/Site: Bell Fed GC B1

GC/MS VOA

Analysis Batch: 16467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15768-1	SVE-1	Total/NA	Air	8260B	
MB 885-16467/1006	Method Blank	Total/NA	Air	8260B	
MB 885-16467/6	Method Blank	Total/NA	Air	8260B	
LCS 885-16467/4	Lab Control Sample	Total/NA	Air	8260B	
885-15768-1 DU	SVE-1	Total/NA	Air	8260B	

Analysis Batch: 16598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-15768-1	SVE-1	Total/NA	Air	8015M/D	
MB 885-16598/4	Method Blank	Total/NA	Air	8015M/D	
LCS 885-16598/3	Lab Control Sample	Total/NA	Air	8015M/D	
885-15768-1 DU	SVE-1	Total/NA	Air	8015M/D	

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Lab Chronicle

Client: Hilcorp Energy Job ID: 885-15768-1

Project/Site: Bell Fed GC B1

Client Sample ID: SVE-1 Lab Sample ID: 885-15768-1 Date Collected: 11/20/24 13:00

Matrix: Air

Date Received: 11/22/24 06:15

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8015M/D		25	16598	СМ	EET ALB	11/22/24 15:51
Total/NA	Analysis	8260B		25	16467	CM	EET ALB	11/22/24 15:51

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: 885-15768-1

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: 885-15768-1

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.

ithority	Progra	Identification Number	Expiration Date				
• •	are included in this report, bu	t the laboratory is not certif	fied by the governing authority. This I	st may include analyte			
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 (M	ITBE)			
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-Dichloropropen	е			
8260B		Air	Trichloroethene (TCE)	, ,			
8260B		Air	Trichlorofluoromethane	• • •			
8260B		Air	Vinyl chloride				
8260B		Air	Xylenes, Total				
egon	NELAI	o	NM100001	02-25-25			

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

Eurofins Albuquerque

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Released to Imaging: 1/16/2025 8:55:16 AM

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-15768-1

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	y 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

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

December 03, 2024

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

Work Order: Quote ID: B15626 B24111818

Project Name: 88501698, Bell Fed GC B1

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 11/25/2024 for analysis.

Lab ID	Client Sample ID	Collect Date Receive Date	Matrix	Test
B24111818-001	SVE-1 (885-15768-1)	11/20/24 13:00 11/25/24	Air	Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist Free Natural Gas Analysis Specific Gravity @ 60/60

ANALYTICAL SUMMARY REPORT

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

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

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

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

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LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

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

Lab ID: B24111818-001 Client Sample ID: SVE-1 (885-15768-1)

Report Date: 12/03/24 Collection Date: 11/20/24 13:00 DateReceived: 11/25/24 Matrix: Air

sis Date / By	Analysis	Method	MCL/ QCL	RL	Qualifiers	Units	Result	nalyses
	_		_			_	REPORT	SAS CHROMATOGRAPHY ANALYSI
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01		Mol %	16.32	Oxygen
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01		Mol %	80.88	litrogen
24 10:39 / jrj		GPA 2261-13		0.01		Mol %	2.71	arbon Dioxide
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01		Mol %	<0.01	lydrogen Sulfide
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01		Mol %	<0.01	1ethane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01		Mol %	<0.01	thane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01		Mol %	<0.01	ropane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01		Mol %	<0.01	sobutane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01		Mol %	<0.01	-Butane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01		Mol %	<0.01	sopentane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01		Mol %	<0.01	-Pentane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01		Mol %	0.09	lexanes plus
24 10:39 / jrj	11/27/24	GPA 2261-13		0.001		gpm	< 0.001	ropane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.001		gpm	< 0.001	sobutane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.001		gpm	< 0.001	-Butane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.001		gpm	< 0.001	sopentane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.001		gpm	< 0.001	-Pentane
24 10:39 / jrj	11/27/24	GPA 2261-13		0.001		gpm	0.038	lexanes plus
24 10:39 / jrj	11/27/24	GPA 2261-13		0.001		gpm	0.038	SPM Total
24 10:39 / jrj	11/27/24	GPA 2261-13		0.001		gpm	0.038	SPM Pentanes plus
								ALCULATED PROPERTIES
24 10:39 / jrj	11/27/24	GPA 2261-13		1			4	Gross BTU per cu ft @ Std Cond. (HHV)
24 10:39 / jrj	11/27/24	GPA 2261-13		1			4	let BTU per cu ft @ std cond. (LHV)
24 10:39 / jrj	11/27/24	GPA 2261-13		1			547	seudo-critical Pressure, psia
24 10:39 / jrj	11/27/24	GPA 2261-13		1			245	seudo-critical Temperature, deg R
24 10:39 / jrj	11/27/24	D3588-81		0.001			1.01	pecific Gravity @ 60/60F
24 10:39 / jrj	11/27/24	GPA 2261-13		0.01			74.59	ir, % - The analysis was not corrected for air.
	.,,							

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

- GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.

- To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.

- Standard conditions: 60 F & 14.73 psi on a dry basis

Report RL - Analyte Reporting Limit MCL - Maximum Contaminant Level

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

11/27/24 10:39 / jrj

Released to Imaging: 1/16/2025 8:55:16 AM



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

Work C	Order: B24111818							Repo	rt Date:	12/03/24	
Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	GPA 2261-13									Batch:	R433211
Lab ID:	B24111819-001ADUP	12 Sar	nple Duplic	ate			Run: GCNC	GA-B_241127A		11/27	/24 12:17
Oxygen			19.0	Mol %	0.01				0.4	20	
Nitrogen			80.9	Mol %	0.01				0.1	20	
Carbon D	ioxide		0.09	Mol %	0.01				0.0	20	
Hydrogen	n 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	e		<0.01	Mol %	0.01					20	
n-Butane			<0.01	Mol %	0.01					20	
Isopentar	ne		<0.01	Mol %	0.01					20	
n-Pentane	е		<0.01	Mol %	0.01					20	
Hexanes	plus		0.01	Mol %	0.01				0.0	20	
Lab ID:	LCS112724	11 Lab	oratory Co	ntrol Sample			Run: GCNC	GA-B_241127A		11/27	/24 14:06
Oxygen			0.62	Mol %	0.01	124	70	130			
Nitrogen			5.95	Mol %	0.01	99	70	130			
Carbon D	ioxide		1.00	Mol %	0.01	101	70	130			
Methane			74.8	Mol %	0.01	100	70	130			
Ethane			6.02	Mol %	0.01	100	70	130			
Propane			5.05	Mol %	0.01	102	70	130			
Isobutane)		1.69	Mol %	0.01	84	70	130			
n-Butane			2.00	Mol %	0.01	100	70	130			
Isopentar	ne		1.02	Mol %	0.01	102	70	130			
n-Pentan	е		1.01	Mol %	0.01	101	70	130			

0.01

101

70

130

0.81

Mol %

Qualifiers:

Hexanes plus

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

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B24111818

Work Order Receipt Checklist

Hall Environmental

ogin completed by:	Crystal M. Jones		Date Received: 11/25/2024							
Reviewed by:	tjones		Received by: SAY							
Reviewed Date:	11/27/2024		Carrier name: FedEx NDA							
Shipping container/cooler in	good condition?	Yes 🗸	No 🗌	Not Present						
Custody seals intact on all sh	nipping container(s)/cooler(s)?	Yes	No 🗌	Not Present ✓						
Custody seals intact on all sa	ample bottles?	Yes	No 🗌	Not Present ✓						
Chain of custody present?		Yes 🗸	No 🗌							
Chain of custody signed whe	en relinquished and received?	Yes ✓	No 🗌							
Chain of custody agrees with	n sample labels?	Yes 🔽	No 🗌							
Samples in proper container/	/bottle?	Yes 🔽	No 🗌							
Sample containers intact?		Yes 🗹	No 🗌							
Sufficient sample volume for	indicated test?	Yes 🗹	No 🗌							
All samples received within h Exclude analyses that are couch as pH, DO, Res Cl, Su	onsidered field parameters	Yes √	No 🗌							
emp Blank received in all sl	hipping container(s)/cooler(s)?	Yes	No 🗹	Not Applicable						
Container/Temp Blank tempe	erature:	7.7°C No Ice								
Containers requiring zero hea ubble that is <6mm (1/4").	adspace have no headspace or	Yes	No 🗌	No VOA vials submitted ✓						
Vater - pH acceptable upon	receipt?	Yes	No 🗌	Not Applicable ✓						

Standard Reporting Procedures:

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

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

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

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

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

Contact and Corrective Action Comments:

None

Page 4 of 7 12/11/2024

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

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Laboratory Certifications and Accreditations

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

	Agency	Number				
	Alaska	17-023				
	California	3087				
	Colorado	MT00005				
	Department of Defense (DoD)/ISO17025	ADE-2588				
Billings, MT	Florida (Primary NELAP)	E87668				
The Park of the Pa	Idaho	MT00005				
d	Louisiana	05079				
ANSI NAMONIA ACCIONIMINAMI NAMO A C C FI E D I T E D TESTINO LABORATORY	Montana	CERT0044				
	Nebraska	NE-OS-13-04				
	Nevada	NV-C24-00250				
a sccore.	North Dakota	R-007				
	National Radon Proficiency	109383-RMP				
700	Oregon	4184				
AGNATOR	South Dakota	ARSD 74:04:07				
	Texas	TX-C24-00302				
	US EPA Region VIII	Reciprocal				
	USDA Soil Permit	P330-20-00170				
	Washington	C1039				
	Alaska	20-006				
	California	3021				
	Colorado	WY00002				
	Florida (Primary NELAP)	E87641				
	Idaho	WY00002				
	Louisiana	05083				
Casper, WY	Montana	CERTO002				
ALO ACCORDIN	Nebraska	NE-OS-08-04				
	Nevada	NV-C24-00245				
SARORINOS.	North Dakota	R-125				
	Oregon	WY200001				
	South Dakota	WY00002				
	Texas	T104704181-23-21				
	US EPA Region VIII	WY00002				
	USNRC License	49-26846-01				
	Washington	C1012				
Gillette, WY	US EPA Region VIII	WY00006				
	Colorado	MT00945				
Helena, MT	Montana	CERT0079				
PARTER ENDS	Nevada	NV-C24-00119				
	US EPA Region VIII	Reciprocal				
	USDA Soil Permit	P330-20-00090				

Eurofins Albuquerque

4901 Hawkins NE

Albuquerque, NM 87109

Chain of Custody Record



💸 eurofins

Environment Testing

Received by OCD: 1/9/2025 8:36:20 AM

Phone: 505-345-3975 Fax: 505-345-4107 Client Information (Sub Contract Lab)	Sampler: N/A				PM:	Miche	lle					Carrie N/A	r Tracki	ng No((s):			C No: 5-2922.1			
Client Contact:	Phone:			E-N	/ail:	State of Origin:							-1	Pag	e:						
Shipping/Receiving Company:	N/A			mic		elle.garcia@et.eurofinsus.com New Mexico Accreditations Required (See note):						xico Page 1 of 1 Job #:									
Energy Laboratories, Inc.	In				NE	NELAP - Oregon; State - New Mexico						885-15768-1 Preservation Codes:									
Address: 1120 South 27th Street, ,	12/3/2024	Due Date Requested: 12/3/2024					Analysis Requested							-10	servation	Codes.					
City: Billings	TAT Requested (da	iys): N/A																			
State, Zip: MT, 59101																					
Phone: 406-252-6325(Tel)	PO#: N/A				6																
Email: N/A	WO#: N/A				O S	No)	80	Ш							11	eo.					
Project Name: Bell Fed GC B1	Project #: 88501698				ě,	98 OF	60 09								1	containe					
Site: N/A	SSOW#: N/A				ampi	SD (Y	S)/ FIX									of cor					
		Sample	Sample Type (C=comp,	Matrix (w=water, S=solid, O=waste/oil,	eld Filtered S	orform MS/M:	SUB (Fixed Gases)/ Fixed Gases									Total Number	1988		4.2.5	Sec. Sec.	
Sample Identification - Client ID (Lab ID)	Sample Date	Time	G=grab) E			2	ก			100 305						- 5	4	Specia	al Instru	ctions/No	ote:
SVE-1 (885-15768-1)	11/20/24	13:00	G	Air	Ħ		x										Ser	e Attached	Instruction	ons	
342 1 (666-167-66 1)	1720/21	Mountain		1.40	+	H					+				-		0	7741	11%	18	
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Note: Since laboratory accreditations are subject to change, Eurofins Er laboratory does not currently maintain accreditation in the State of Origin accreditation status should be brought to Eurofins Environment Testing	n listed above for analysis/tests	s/matrix being	analyzed, the s	amples mus	st be sh	ipped l	back to	the Eur	rofins E	nvironm	nent Tes	ting So	uth Cent	tral, LL	C laborat	ory or of	ther in:	structions w	ill be provi	ided. Any cl	hanges to
Possible Hazard Identification						Sam	7		-						les are			onger tha			
Unconfirmed	B	tile Beele			_	C		ırn To		t C Regi			al By L	ab		Arci	hive F	or		Nonths	
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Delivera	4 10 2 10 10 10 10	2				iai ins	structic	ns/Q	C Requ	Jireme	nts.									
Empty Kit Relinquished by:		Date:			Tin		eceive	d box					Method		pment:				Ico	mpany	
Relinquished by: How Months	Date/Time:	4 14	135	company																W	
Relinquished by:	Date/Time:			ompany			eceive							Da	ite/Time:					mpany	
Relinquished by:	Date/Time:			Company		/	eceive	V	-					Da 11	te/Time: 1-25-	24	09	35	E	LI-B)	lings
Custody Seals Intact: Custody Seal No.:						0	obler	empera	fure(s)	°C and	Other F	Remarks	1								0
4 . V B 110																		ATTION OF THE PARTY OF THE PART	Ve	er: 10/10/20	024





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		tions	Method Description	OLID / Eived Coop / Eived Coop
	Container Type Tedlar Bag 1L	Subcontract Method Instructi	Method	TOVOTINOCOLIO
Containers	Count	Subcontract	Sample IDs	7

ICOC No: 885-2922

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Chain-of-Custody Record			Turn-Around Time:						!-	IA!	and the same of th	EN	IV]	IR	OF	UM	len	H	pers	
Client: Hilcorp				☑ Standard ☐ Rush			ANALYSIS LABORA													
m400			Project Name:			www.hallenvironmental.com														
Mailing Address:				Bell Fed GG Bl			4901 Hawkins NE - Albuquerque, NM 87109 885-15768 COC													
			Project #:			Tel. 505-345-3975 Fax 505-345-4107														
Phone :												of the boundaries	nalys	www.comban		I MANAGEMENT I MANAGEMENT	1 101			
<u> </u>		randon	. sinclair Philoop.com	Project Manager:			(, <u> </u>				September 1995	SO ₄					7		
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式 □ Stan	-		☐ Level 4 (Full Validation)	Mitch Killough			TMB's (8021)						PO ₄ ,			Total Coliform (Present/Absent)		B		
Accredi	tation:	□ Az Co	ompliance	Sampler: Brandon Sinclair			MB	DR	82	=	3270		NO ₂ ,			ser	7	02		
□ NEL	AC	□ Othe		On Ice:				<u>ک</u>)8/s	EDB (Method 504.1)	ē				<u></u>	Pre	TVPH	9.5		
□ EDD (Type)			# of Coolers: (mof a			MTBE /	(6	cide	ро	310	etal	8	ا ج	<u>:</u>	E	F	9			
		Ï		Cooler Temp	(Including CF):	140.1=1:24°0)	Σ	115[esti	/leth	کر 8	8	Ä,	٥١	Sem	Solife	1 -			
				Container	Preservative	HEAL No.	втех/	H:80	7 F	B	PAHs by 8310 or	RCRA 8 Metals	Cl, F, Br, NO ₃ ,	8260 (VOA)	8270 (Semi-VOA)	<u>a</u>	8015	ixed		ľ
Date	Time	Matrix	Sample Name	Type and #	Туре	,	BT	TPI	808		PA	8	ਠੱ	82	827	Tot	$^{\circ}$	لا		
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Date.	Time.	Relinguist	ned by:	Received by.	Via.	Date Time	1													
Blake	1740	/\ v)	h	1	- rounder 1	122/24 /11														
4	If necessary	, samples su	bmitted to Hall Environmental may be sub-	contracted to other a		es This serves as notice of this	s possi	ibility	Any sı	ub-con	tracted	d data v	will be c	learly	notate	ed on t	he ana	alytical re	port	
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Released to Imaging: 1/16/2025 8:55:16 AM









Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-15768-1

Login Number: 15768 List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</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	

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 418865

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	418865
	Action Type:
	[REPORT] Alternative Remediation Report (C-141AR)

CONDITIONS

Created By		Condition Date
nvelez	SVE reviews - 1. Continue O&M & sampling as stated in report. 2. Submit next quarterly report by April 15, 2025.	1/16/2025