Enhance Energy Inc., Wolf Carbon Solutions Inc., and North West Redwater Partnership

KNOWLEDGE SHARING REPORT

DIVISION A: SUMMARY REPORT Calendar Year 2022

> Submitted on: March 31, 2023





Alberta

Natural Resources Ressources naturelles Canada Canada







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Project Definition

In order to ensure consistency across platforms, operational information contained in this report uses the Project definition as outlined in the "Enhance Energy CO₂-EOR Project at Clive Field, Project ID: 8613-7752" as reported in the Alberta Emission Offset Registry ('the Registry') at <u>AEOR Listing Detail (csaregistries.ca)</u>. CO₂ injected numbers in this report differ from the Registry reports. The EOR protocol requires a 0.5% holdback be subtracted from injected volumes to allow for "unintentional reversals" and Enhance has applied this discount in documents filed with the Registry. Injected volumes in this report do not include the holdback. Associated injection amounts, energy use and emissions data are based on third-party verified Offset Project Reports filed with the Registry.

Remaining collective funding (RCF), as defined in the CCS FUNDING AGREEMENT – THE ALBERTA CARBON TRUNK LINE PROJECT made the 30th day of September 2010, defines net tonnes of CO_2 sequestered in a year as the mass of CO_2 injected in the year less any CO_2 that escapes or is extracted from the subsurface. It does not include a holdback or offsets from energy or other inputs used by the Project. These amounts are not reported in this document.

Certification

enhance ENERGY				
CERTIFICATION ON BEHALF OF ENHANCE ENERGY INC. CERTIFIED on behalf of Enhance Energy Inc. named in the "CCS Funding Agreement – The Alberta Carbon Trunk Line Project", to be true, accurate and complete, to the best of my knowledge, based on reasonable inquiry and due diligence, as of the date of this certification.				
The Certification applies to the information supplied by Enhance Energy Inc. only and does not imply certification of information supplied by other Recipients.				
Per: Date: March 31(23 Blair Eddy, P.Eng President & COO				



CERTIFICATION ON BEHALF OF NORTH WEST REDWATER PARTNERSHIP

CERTIFIED on behalf of the North West Redwater Partnership named in the "CSS Funding Agreement – The Alberta Carbon Trunk Line Project," to be true, accurate and complete, to the best of my knowledge, based on reasonable inquiry and due diligence, as of the date of this certification.

The Certification applies to the information supplied by the North West Redwater Partnership only and does not imply certification of information supplied by other Recipients.

Per: Peter Duda 43 MDT)

Date: March 23, 2023

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Peter Duda General Manager - NWRP



CERTIFICATION ON BEHALF OF WOLF CARBON SOLUTIONS INC.

CERTIFIED on behalf of Wolf Carbon Solutions Inc. named in the "CCS Funding Agreement – The Alberta Carbon Trunk Line Project" to be true, accurate and complete, to the best of my knowledge, based on reasonable inquiry and due diligence, as of the date of this certification.

The Certification applies to the information supplied by Wolf Carbon Solutions Inc. only and does not imply certification of information supplied by other Recipients.

Per:

Date: March 31, 2023

Jeff Pearson, P. Eng. President

Part A – Executive Summary

Enhance Energy Inc. ("Enhance"), North West Redwater Partnership ("NWR") and Wolf Carbon Solutions Inc. ("WCS") have constructed and are operating a fully integrated Carbon Capture and Storage ("CCS") project, the Alberta Carbon Trunk Line ("ACTL"), incorporating:

- Carbon dioxide ("CO₂") capture from the existing Nutrien Redwater fertilizer plant;
- CO₂ capture from the NWR Sturgeon Refinery using gasification and Rectisol[®] synthesis gas purification and conditioning technology.
- A 240 km CO₂ transportation trunk line; and
- Storage, including Enhanced Oil Recovery ("EOR").

The ACTL project provides critical CO_2 gathering and distribution infrastructure to enable the cost-effective management of CO_2 emissions. The project also represents an opportunity to showcase how the Province's vast bitumen resources can provide competitive and environmentally sustainable energy amid tightening environmental standards.

The Project applies for and registers CO₂ credits under the Alberta TIER system. Three Offset Project Reports (OPRs) have been prepared for 2022; December 1, 2021-February 28, 2022, March 1-May 31, 2022, and June 1-December 31, 2022. Offset credits for the three reporting periods have been registered. Enhance has used the baseline and project conditions and boundaries as defined in the Offset Project Plan and OPRs to prepare information contained in this Knowledge Sharing Report. Details of the Offset Project Plan and Offset Project Reports can be found at: <u>https://alberta.csaregistries.ca/GHGR_Listing/AEOR_ListingDetail.aspx?ProjectId=157</u>.

This Summary Report highlights the information contained in the attached Division B Detailed Report. The status and progress of each component (see Figure 1 below) will be summarized, as well as the relevant financial information.

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Figure 1 - Overall ACTL Project Schematic

2022 marked the second full year of commercial operations for the project. As of year-end, cumulative CO_2 injection reached 3.2 million tonnes.

Key Activities Achieved During The 2022 Year Include:

CO₂ Delivery:

 WCS commenced delivery of CO₂ to Clive on February 26, 2020, via the ACTL pipeline. Although volume fluctuated due to planned and unplanned downtime at NWR and Nutrien, CO₂ deliveries continued uninterrupted in 2022.

WCS Redwater CO₂ Recovery Unit (RCRU):

The RCRU continued operation in 2022. Deliveries were interrupted for the first 56 days of the year and for 19 days at the end of December due to outages at Nutrien. Nutrien also completed a 20-day planned turnaround in October, WCS performed preventative maintenance during this time.

NWR Rectisol[®] Unit:

- The Rectisol Unit operated very reliably in 2022 and captured >99 % of the CO2 produced by the Gasifier unit. Production and operation of the Rectisol were consistent with the unit design.
- The NWR refinery executed a major planned maintenance turnaround in 2022. The scope was refinery wide, and the duration was 66 days in length.

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- Subsequent to the turnaround, the gasifier unit experienced an unplanned outage caused by cracking in a vessel in the shift reactor section. The repairs took 32 days during which time no CO2 was sent to ACTL.
- Aside from these major maintenance items, the carbon capture outages were reduced to 10 days or 96% availability with several outages caused by pump fouling issues.
- In particular, the meantime between failure of the gasifier burners greatly improved beyond the design target of 2000 hours and gasifier reactor availability was not the cause of any outages.
- Overall, 0.896 Million T of CO2 was captured and delivered into the ACTL (2455 T/day average).

NWR CO₂ Recovery Unit (NWR CRU) and WCS Sturgeon Compressor Station (SCS):

• Deliveries at NWR CRU and SCS were interrupted for 98 days beginning in August due to a 66-day planned turnaround and an additional 32 days of unplanned downtime at NWR.

Clive CO₂-EOR and Storage:

- Enhance drilled and completed one new horizontal injection well bringing the total number of active injection wells to nine.
- Certain components of the measurement, monitoring and verification (MMV) work at the Clive were
 paused or deferred in 2020 to minimize having consultants travel to the area as a precautionary response
 to COVID-19. The full program was re-instated in 2021 and 2022 and expanded to collect baseline data
 for future CO2-EOR and storage development. A full description of 2022 activities and interpretation of
 monitoring results can be found in the Detailed Knowledge Sharing Report. Geosphere, hydrosphere, and
 biosphere monitoring programs verify containment within the Leduc formation.

Part B – Project Status Overview and Commentary

NWR

In 2022, NWR continued to improve the operation of the Gasifier Unit including the Syngas separation and CO₂ purification in the Rectisol section.

NWR executed its first site wide major maintenance turnaround between August 12 and October 15 for inspection, equipment repairs and catalyst changeouts.

On October 23, the gasifier unit developed a leak in a vessel in the shift reaction section of the unit and was taken down for repairs. These repairs took 32 days to complete and restart the unit and the unit ran smoothly afterwards. The leak was determined to be caused by stress corrosion cracking on a surge vessel in the shift reactor section. The immediate remedy taken was to retire the affected vessel and to replace it with a similar vessel while operating the unit in a modified manner. An extensive engineering review of metallurgy in the shift reactor section of the unit was undertaken and other piping changes will be made at the time of the next scheduled maintenance turnaround.

WCS

In 2022, WCS continued to focus on consistent and stable operations and safety while minimizing downtime through several scheduled turnaround activities. Maintenance activities were performed in parallel with planned outages at both NWR and Nutrien, including a successful inline inspection of the 24" pipeline. Deliveries through WCS facilities continued throughout 2022 except as noted in the Executive Summary.

Enhance Energy Inc.

In 2022 Enhance expanded the CO2 EOR & Storage scheme area. Focus was on continuing and optimizing CO₂ injection to the project and drilling and completing one new horizontal injection well to begin injection into the expanded scheme area. Additional baseline areas were added for the Measurement, Monitoring & Verification ("MMV") in preparation for future expansion.

Figure 2 provides an overview of the active CO₂-EOR and storage area. The AER Approval area is outlined in blue with the future expansion area shown in red. Existing injectors are shown in purple with a down arrow at the toe. Producers are shown as green. The new injector is highlighted with a yellow oval. Drilling and completion records and logs for the new injector have been filed with the AER.



Figure 2 Clive CO2 EOR and Storage Project 2022

The ACTL project employs technologies that are commercially mature. The primary innovation of the project is its scope and integration of various existing technologies to demonstrate an economic carbon solution for Alberta.

Section 1: Facility Design

Details of facility design can be found in the 2020 summary knowledge sharing report. A brief description of major components is provided here to provide context for the reader.

The ACTL Project consists of the following major components:

- 1. The Redwater CO₂ Recovery Unit (RCRU) located adjacent to the Nutrien Redwater Fertilizer that captures a wet CO₂ stream from Nutrien, dehydrates it, and compresses it to ACTL pipeline pressure.
- 2. The Rectisol Unit at the NWR Sturgeon Refinery that separates dry CO₂ from refinery process gas allowing it to be fed into:
- 3. The NWR CO₂ Recovery Unit (NWR CRU), located within the refinery complex, that compresses CO₂ from the Rectisol Unit to an intermediate pressure allowing it to be pipelined to:
- 4. The Sturgeon Compressor Station (SCS) that takes the CO₂ from the NWR CRU and compresses it to ACTL pipeline pressure.
- 5. The ACTL that transports the CO_2 from tie-in points of the RCRU and SCS to:
- 6. The Clive CO₂ EOR and Storage Project.

Components 1 through 4 are located in Alberta's Industrial Heartland, approximately 45 km north-east of Edmonton (Figure 3). The ACTL runs approximately 240 km south to the Clive CO2 EOR and Storage Project, located about 35 km north-east of Red Deer (Figure 4). There the CO₂ is injected to enhance oil recovery from a mature oil field and safely stored roughly 1900 m below ground.

The Project uses proven, commercially available technology.



Figure 3 - Map of ACTL Project Heartland Area Infrastructure



Figure 4 - ACTL Route Map

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Section 2: Facility Construction

A) RCRU

Details of construction and commissioning of the RCRU are included in Section 2 of the 2020 and previous summary knowledge sharing reports.

B) NWR Rectisol®

Details of construction and commissioning of the Rectisol unit are included in Section 2 of the 2020 and previous summary knowledge sharing reports.

C) NWR CO₂ Recovery Unit ("NWR CRU") and Wolf Sturgeon Compressor Station ("SCS")

Details of construction and commissioning of the NWR CRU and SCS are included in Section 2 of the 2020 and previous summary knowledge sharing reports.

D) Pipeline Facility

There were no changes to results of commissioning as reported in previous knowledge sharing documents. Please refer to Section 2 of the 2020 summary report.

E) Injection Facility

Start-up of the CO₂ EOR and storage project is described in Section 2 of the 2020 summary report.

Section 3: Geological Formation Selection

Storage for Enhance's ACTL project is occurring at the depleted hydrocarbon reservoir at Clive.

Summary of Reasons for Selecting the Final Site

Practical suitability

There are many practical reasons which make Clive a suitable storage site for CO_2 . The Clive reservoirs are mature waterflooded oil reservoirs. In this context, they provide:

- Containment for CO₂ since they have contained hydrocarbons for millions of years.
- Capacity for CO₂ storage due to significant production of oil and gas providing voidage.
- Injectivity for CO₂ demonstrated by substantial water injection and oil production operations for five decades; and
- Residual oil production to provide for economic support of large-scale CO₂ sequestration.

The Clive reservoirs are also unitized, enabling common ownership and royalty interests across the reservoirs. This provides the opportunity to take advantage of the unique geology, with minimal complications due to competitive ownership interests, in order to maximize storage of CO_2 and oil recovery.

Geographical Suitability

The storage site was also attractive due to its geographic location. Development in Clive enabled re-use of existing infrastructure, including roads, lease sites and pipeline right of ways minimizing surface disturbance and disruption to residents in the area. Year-round access and proximity to oil and gas services supports consistent and reliable operations, as required for a storage operation.

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Details of the geological setting and suitability of Clive for CO₂ storage are provided in the 2020 Knowledge Sharing Summary and Detailed reports. There is also extensive discussion of the geological setting in the MMV plan filed in conjunction with the 2019 reports. See: <u>Alberta Carbon Trunk Line project : knowledge sharing</u> <u>report, 2019 - Open Government</u>.

Risks of storage into the geological formations and the measures implemented to manage and reduce such risks: Initial storage for the ACTL project is occurring at Enhance's depleted hydrocarbon reservoir at Clive. As depleted hydrocarbon reservoirs have securely contained fluids for millions of years, these reservoirs are very well suited for containment and safe storage of injected CO₂ and pose very minimal risk of leakage. Depleted hydrocarbon reservoirs in Alberta have typically undergone waterflood operations whereby water has been used to replace produced hydrocarbons. The injectivity of CO₂ is typically estimated to be three times the injectivity of water at reservoir conditions. Such waterfloods have been conducted at Clive, again minimizing any risk of storage in this field.

Enhance has conducted comprehensive geological and geomechanical studies on the rock (from the bottom of the well to the well head), formal storage and wellbore risk analyses, and monitoring tool selection. The outcome of this technical work was used to determine monitoring, measurement, and verification (MMV) requirements and methods noted above. Details of the geomechanical work are provided in the 2020 detailed report at: <u>Alberta</u> <u>Carbon Trunk Line project : knowledge sharing report, 2020 - Open Government</u>.

Section 4: Facility Operations – Capture and Compression

As of year-end 2022, all capture and compression facilities were operating. Energy use at the capture facilities for 2022 is summarized in the following tables:

REDWATER CRU			NWR CRU		
POWER	NATURAL GAS	TOTAL	POWER	NATURAL GAS	TOTAL
MW-hrs	GJ		MW-hrs	GJ	
25,835	4061		60,834	92	
GJ	GJ	GJ	GJ	GJ	GJ
93,007	4061	97,067	219,003	92	219,095
Tonnes throughp	ut	158,624	Tonnes throughput		886,290
MJ/kg		0.61	. MJ/kg		0.25

Table 1 - CRU Throughput and Energy Requirements

Note: throughput shown here and for the RCRU and NWR CRU (to SCS) is not identical to ACTL throughput. The first two are delivery into the ACTL and the latter is delivery at Clive. This is due to the large volume and high compressibility of CO₂ in the ACTL which results in variable storage amounts in the pipeline.

Air emissions upstream of the ACTL are associated with potential off-spec CO₂ and emissions from the RCRU Low Temperature Separator (LTS). Venting infrastructure is utilized primarily during operating maintenance activities and during start-up. Such vents are located prior to the pipeline tie-in and at various valve stations along the pipeline. There have been no specification deviation events that have resulted in product venting.

RCRU availability was slightly below expected availability of 98% during 2022. Actual availability was 95.3% excluding the scheduled turnaround that lasted 19.4 days. WCS completed the turnaround at RCRU in conjunction with a 20-day planned turnaround at the Nutrien facility. Unplanned downtime was attributable to operational issues during an extended period of extreme cold weather. There were no other significant issues or non-routine

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repairs or modifications leading to or as a result of maintenance. Nutrien CO2 delivery online time was 80.3%, as operations resumed in the first quarter following an outage in 2021.

Product compositional analysis is not administered at RCRU prior to the sampling system located at the pipeline tie-in, and therefore actual non-condensable vapor composition results off the LTS are not available. The Nutrien CRF Vent stream off Low Temperature Separator table in the 2019 ACTL Knowledge Sharing report is considered to accurately represent the actual vapor stream off the LTS at RCRU.

Produced water associated with dehydration at the RCRU is disposed in as deep disposal well; see Section 1.8.1.3 of the Detailed Report. CO₂ produced at the NWR CRU is dry and does not require dehydration. There are no water emissions to the environment.



The daily and monthly CO2 metered volumes for the SCS for 2022 are shown in Figure 5.

Figure 5 2022 SCS CO2 Exports

There were no soil emissions during the reporting period.

Section 5: Facility Operations – Transportation

STURGEON COMP STN		ACTL MISC					
POWER	NATURAL GAS	TOTAL	POWER	NATURAL GAS	GASOLINE	DIESEL	TOTAL
MW-hrs	GJ		MW-hrs	GJ	litres	litres	
50,581	21.6		38.1	0.0	24,357	0.0	
GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ
182,090	21.6	182,112	137.3	0.0	833	0.0	970
Tonnes throu	ghput	886,290	Tonnes throughput 1,034			1,034,722	
MJ/kg		0.21	MJ/kg 0.			0.00	

Energy use for transport in 2022 is summarized in the following tables:

Table 2 - ACTL Throughput and Energy Requirements

Wolf operators have conducted periodic routine inspections on the pipeline, and Wolf has engaged a third-party contractor to conduct aerial surveillance. Inspection results up to this point have been satisfactory.

SCS online time, which is the product of availability due to internal factors, was 98.9% for 2022. Downtime is attributed to pressure safety valve repair and in-line inspections performed over the 24" inlet pipe.

There were no accidental events or damage to the pipeline system in 2022.

Section 6: Facility Operations – Storage and Monitoring

The main recycle compressor and DEXPROTM dehydration unit continued to operate allowing production to continue. One new horizontal injection well was drilled and began CO_2 injection in 2022.

Landowner acceptance and approvals of pipeline, lease and facility dispositions has proceeded without issues, supported by Enhance's consultation and communication efforts and in compliance with regulation.

As of year-end 2022, over 3,200,000 tonnes of CO_2 has been injected and stored at Clive at an average rate just under 3100 tonnes per day. Injection has proceeded without incident and no trigger events (that would suggest CO_2 leakage) have been confirmed by the MMV program. As more CO_2 volumes become available via the ACTL, Enhance will apply to the AER to expand the project area and additional injection and production wells will be drilled.

The calendar day average rate of fresh CO_2 injection in 2022 was 2835 tonnes/day at an average concentration of 99.14%. The recycle compressor and DEXPROTM unit (a proprietary dehydration technology) at Clive continued to operate in 2022. Recycle averaged 2300 tonnes/day at 87.97% CO_2 . Variations of CO_2 concentration were minor and within expected and acceptable limits. See Figures 7-9 that show fresh CO_2 injection rate and concentration and total injection rate, respectively.



Figure 6 Fresh CO2 Rate and Concentration



Figure 7 Clive Recycle CO2 Rate and Concentration

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Figure 8 Total CO2 Rate

Monitoring techniques that are employed at the injection site are detailed in the updated MMV plan which was approved by Alberta Energy (AE) in November 2019 and available at <u>Alberta Carbon Trunk Line project : knowledge sharing report, 2019 - Open Government</u>. Specifics of the 2022 MMV program are included in the Detailed Knowledge Sharing Report. The main activities undertaken in 2022 include:

- Additional surface casing vent flow monitoring of wells in the CO₂-EOR area that confirmed containment.
- Soil gas, groundwater, CBM, Nisku and Leduc sampling were completed.
- Continued sampling and analysis of source and injected CO₂.

The MMV program uses established techniques to provide redundant but complementary early detection of CO_2 containment issues. Over 2000 sample points have been collected to date from the geosphere, hydrosphere, and biosphere monitoring programs that verify CO_2 remains contained within the Leduc formation.

Enhance employs an extensive leak checking program during commissioning of surface facilities to verify the integrity of the system. All valves and fittings are checked for leaks and tightened and re-checked if necessary (see Section 6 of the 2020 summary and Section 4.5 of the detailed knowledge sharing reports for details). Operations personnel also perform routine visual and audible checks of the system during operation and have not recorded any leaks to date. Now that recycle gas is being blended into the injection stream the presence of H₂S, which has a strong odour, will complement monitoring. The Clive battery is a sour facility and has H2S detectors located throughout. Operations personnel are trained in all procedures required to operate a sour facility.

The Project applies for and registers CO₂ credits under the Alberta TIER system. Three Offset Project Reports (OPRs) have been prepared for 2022; December 1, 2021-February 28, 2022, March 1-May 31, 2022, and June 1-December 31, 2022. Offset credits for the three reporting periods have been registered at approximately 937,000 tonnes. Enhance has used the baseline and project conditions and boundaries as defined in the Offset Project

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Plan and OPRs to prepare this information. In order to register the credits, Enhance is required to calculate baseline emissions (which would be CO_2 emitted to the atmosphere if the Project was not operating) and Project emissions by gas type resulting from processes required to capture, transport and inject the CO_2 at Clive. The following tables represent the totals of these quantities for capture, transport and EOR-storage as reported in the OPRs. Note:

- The CO₂ injected amounts <u>do not</u> include a 0.5% discount as required by the CO₂ EOR protocol and as registered. The discount is excluded to provide actual stored amount in the table.
- Emissions include those from both levied and non-levied sources in total. These are reported separately in the OPRs.

Total for 2022- Levied + Non-Levied					
Vintage Year 2022	Gas Type	Baseline Emissions (tCO ₂ e)	Project Emissions (tCO2e)	Total Reduction, Sequestration or Capture (tCO ₂ e)	
January 1 to December 31, 2022	CO ₂	1,034,722	1,858	1,032,864	
	CH4	n/a*	199	-199	
	N2O	n/a*	12	-12	
	Other (CO ₂ e)	n/a*	92,241	-92,241	
Total for Reporting Period		1,034,722	94,310	940,412	

Table 3 - Project Emissions and Storage

Details of the Offset Project Plan and Offset Project Reports can be found at: https://alberta.csaregistries.ca/GHGR_Listing/AEOR_ListingDetail.aspx?ProjectId=157

 CO_2 delivery and injection records for Clive are included in Appendix A. The Alberta Energy Regulator (AER) and good reservoir management practice require that injected CO_2 must be allocated to the individual injection wells, of which there were six in the initial phase of the project with two more added in 2021 and one new well in 2022.

Details of the delivery metering system can be found in Section 3.8 of the 2020 detailed knowledge sharing report.

Appendix B contains analyses of monthly samples of CO₂ delivered by the RCRU and the NWR CRU-SCS as wells as from injected fresh and recycle streams taken at Clive. Recycle samples are labelled as "DEXPRO DRY OUTLET GAS" or "DEXPRO WET INLET GAS" on the downstream and upstream sides of the dehydration unit respectively.

Section 7: Facility Operations – Maintenance and Repairs

RCRU performance was slightly below expectations in 2022; availability was 95.3% excluding the scheduled turnaround that lasted 19.4 days. WCS completed the turnaround at RCRU in conjunction with a 20-day planned

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turnaround at the Nutrien facility. Unplanned downtime was attributable to operational issues during extended period of minus 40-degree weather. There was no other significant issues or non-routine repairs or modifications leading to or as a result of maintenance. Nutrien CO2 delivery online time was 80.3%, as operations resumed in the first quarter following an outage in 2021.

The Rectisol Unit at NWR required no material repairs in 2022. A general plant maintenance turnaround was executed in 2022 with a duration of 66 days. Following the restart after the turnaround, the Rectisol was shut down for another 32 days as repairs were made to a vessel in the upstream shift reaction section of the Gasifier unit.

Section 8: Regulatory Approvals

No unusual hurdles were encountered throughout the application and approval process for the overall project.

BODY/ACT/	APPROVAL/PERMIT/	UPDATE/NOTES
REGULATION	DESCRIPTION	
Oil and Gas Conservation Act	Upgrader Approval No. 10994 dated September 6, 2007 / For construction and Operation of an oil sands bitumen upgrader, no expiry	All Approvals are held by North West Redwater Partnership Holdings Corp.
Environmental Protection and Enhancement Act	Approval No. 217118-00-00 dated September 20, 2007 to construct, operate and reclaim the facility, as amended occasionally to date. Approval expires September 1, 2017. Application for renewal was submitted September 1, 2016, with renewal commitment prior to Sept 1, 2017	The renewal was approved in 2017.
Water Act (Water Licence)	Approval No. 00227771-00-00 as amended occasionally to divert of water from site Precipitation and North Sask River for process. Approval expires September 1, 2017. Application for renewal was submitted September 1, 2016, with renewal commitment prior to Sept 1, 2017	The renewal was approved in 2017
Sturgeon County/Land Use Bylaw 819/96	Development and Building Permits 305-07-D0347 305-07-D0399 305-07-D0609 305-07-D0610 305-08-D0001 305-07-D0611 305-07-D0631	All Development Permits have been initiated and remain valid through to completion of Phase 1
Sturgeon County/The Inspections Group Inc/Safety Codes Act and Codes	Various Safety Codes Permits as required for gas fitting, plumbing, electrical per associate Codes, both for temporary and permanent facilities within the Refinery site. Hundreds of such permits are issued for various buildings and tasks throughout the site, and are considered routine	NWR applied for and is approved by the Safety Codes Council to administer Safety Codes Act approvals required for the Project as at May 2013

NWR:

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Alberta Transportation Highways Development and Protection Act	Alberta Transportation/Highways Development and Protection Act Roadside Development Permit 2511/049/10 and RDP 2511/310/13	RDP 2511/049/10 and RDP 2511/310/13 have been issued in respect of the complete construction and operation of Phase 1 of the Project
Alberta Sustainable Resource Development/Public Lands Act	Temporary Field Authorizations for water course realignment TFA 126500 as issued November 19, 2012	Work under this TFA has been completed
Alberta Community Development/ Historical Resources Act	Clearance Letter (note that his resulted in the AER Public Interest Determination) Release Date: February 1, 2006 Release Date: November 29, 2006	Work under this clearance has been completed
Industry Canada/Radio Communication Act and Regulations	Mobile radio license for use by construction and Operations workforce	No Change
Alberta Energy Regulator – Pipeline Act	Pipeline licenses for lines across North Saskatchewan River as per recent Bennett Jones assistance re applications. Have been issued to NWU	All required Pipeline Licenses have been received and all off-site pipelines installed but not yet operational
Oil and Gas Conservation Act	Upgrader Approval No. 10994 dated September 6, 2007 / For construction and Operation of an oil sands bitumen upgrader, no expiry	All Approvals are held by North West Redwater Partnership Holdings Corp

Enhance/WCS:

Consent/Permit	General Timeline of Approval Receipt	Additional Hurdles Encountered
Canadian Environmental Assessment Agency ("CEAA")	Submitted: January 2010 Approved: September 7 th , 2010	None
Development Permit (County Level)	Sturgeon County has confirmed that a development permit is not required.	None
Alberta Historical Resources Foundation ("AHRF")	Submitted: May 13 th , 2009 Approved: August 17 th , 2012 Approved: July 2, 2015 for routing amendments	On-going routing changes delayed application process
AER Directive 56 Pipeline Installation Approval	Public consultation process: October 2008 – March 2009	On-going consultation required after approval
(includes Alberta Environment approval)	Applied: March 20, 2009 Approved: April 26, 2011 License Number: 53252	
Conservation Reclamation Plan (Alberta Environment)	Submitted: March 18 th , 2009	None

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	Approved: April 17 th , 2013	
Alberta Energy Regulator ("AER") (D-65 EOR Scheme)	Draft Application submitted in December 2013, reviewed by AER. Formal application submitted in December 2017. Approval No. 12832 received in December 2018 and amended to 12832B in October 2019. A number of amendments were made in 2020 and 2021, Approval No. 12832H issued in May 2021 being the last one in the year.	None
Alberta Energy Regulator ("AER")	Minor amendments to transmission and gathering line accepted September 2014; License #53252	None
Alberta Energy Regulator ("AER")	Minor compressor station (Nutrien Capture Facilities) amendments accepted October 2014; License #53252	None
Alberta Energy Regulator ("AER")	North Saskatchewan River spare pipeline approved November 2014; License #56775	None
Alberta Energy Regulator ("AER")	Above ground wastewater pipeline License #56821 Approval extended to December 4, 2018	None
Alberta Energy Regulator ("AER")	Minor amendments to transmission and gathering line accepted September 2014; Licence #53252	None
Alberta Energy Regulator ("AER")	Minor compressor station (Nutrien Capture Facilities) amendments accepted October 2014; Licence #53252	None
Alberta Energy Regulator ("AER")	Above ground low pressure CO ₂ source pipeline License #56943 Approval extended to January 9, 2019	None
Alberta Energy Regulator ("AER")	Spare pipeline under North Saskatchewan River License #56775 Approval	None

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	extended to November 21, 2018	
AER Directive 56 Pipeline Installation Approval	Public consultation process: April – June 2019 Applied: June 11, 2019 Approved: June 24, 2019	None
AER Directive 56 Pipeline Installation	License Number: 61061 Public consultation	None
Approval	process: April – June 2019	
	Applied: June 11, 2019 Approved: June 24, 2019	
	Liconco Numbor: 61062	
AER Directive 56 Pipeline Installation	Public consultation	None
Approval	process: April – June 2019	
	Applied: June 11, 2019 Approved: June 24, 2019	
	Liconso Number: 61062	
Environmental Enhancement and	Applied: April 5, 2019.	None
Protection Act (EPEA)	Approved: April 9, 2019.	
	extended to April 17, 2020.	
	Approval 253976-00-00	
	Alberta Energy Regulator	
	as Approval 253976-01-00,	
	which carries a new expiry date of January 31, 2025.	
	Minor amendments to	
Alberta Energy Regulator ("AER")	line accepted September	None
	2014; Licence #53252	
	Public consultation process:	
	Applied: June 14, 2019	
AER Directive 56 Pipeline Installation Approval	Approved: June 27, 2019	None
	License Number: 61067	
	Public consultation process:	
AER Directive 56 Pipeline Installation Approval	Applied: June 14, 2019	None
	Approved: July 11, 2019 Amended for system	
	expansion: May 10, 2022	

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	License Number: 61114	
AER Directive 56 Pipeline Installation Approval	Public consultation process: April – June 2019 Applied: June 14, 2019 Approved: July 11, 2019 Amended for system expansion: December 2, 2020 License Number: 61115	None
AER Directive 56 Pipeline Installation Approval	Public consultation process: April – May 2019 Applied: June 17, 2019 Approved: June 25, 2019 License Number: F8154	None
Environmental Enhancement and Protection Act (EPEA)	Applied: April 5, 2019. Approved: April 9, 2019. Approval no. 253976-00-00 extended to April 17, 2020	Amended to Approval No. 00253976- 01-00 and extended to Jan 31, 2025
Measurement, Monitoring and Verification (MMV) Plan as required by CCS Funding Agreement – The Alberta Carbon Trunk Line, September 24, 2010 and subsequent amendments	Applied May 2018 and July 2019. Approved November 2019. Updated plan approved by Alberta Energy April 2021.	Original plan required updates to geomechanical studies which were completed and approved. Updated plan covers flood area expansion; no issues.

The project partners will continue to re-apply for any required permits that may expire and for any permits required for expansions (primarily related to expansion of the CO₂ EOR and storage project at Clive).

Section 9: Public Engagement

Historical consultations are documented in Section 9 of previous versions of this report. Activities in 2022 are documented below.

Enhance

Enhance's stakeholder communications focus in 2022 was on landowners directly impacted by construction and drilling activities, and the 2022 MMV program. A planned public open house in October was cancelled due to poor weather conditions making travel unsafe.

WCS

Wolf continued to maintain contact with landowners to close off any historical issues and inquire if any others may have arisen since last contact.

Following spring breakup 2022, Wolf was contacted by a handful of stakeholders who indicated that areas along the ACTL right of way required touch-up work. In response, Wolf collaborated with these stakeholders through the summer to conduct minor surface repairs to the right of way to the satisfaction of the landowners.

NWR

NWR was re-opened to hosting refinery tours in 2022 following COVID restrictions.

Month	Activity	Audience
March	Canadian Fuels Association meeting and tour	Refining industry
May	Strathcona Library – virtual tour and presentation	Public
June	Strathcona County council tour	Government
September	Carbon Capture Canada conference – presentation	Public, industry
November	Grade 9 Students – tour	Community,
November	Hosted the world LC Finer forum	Industry
November	Hosted the APMC Board meeting and provided a tour	Government

NWR: 2022 Schedule of Site Tours and Knowledge Sharing Presentations

Section 10: Costs and Revenues

Costs

ACTL and Clive EOR and Storage

<u>CAPEX</u>

Capital Cost Estimates	Total (\$MM)	Spend to Date (\$MM)	Forecast to Complete (\$MM)
Plant #1 Tie-In	\$8.2	\$6.6	\$1.6
RCRU	\$68	\$68	\$0
SCS and NWR CRU	\$95	\$95	\$0
Pipeline	\$326	\$326	\$0
Clive CO ₂ Injection	\$108	\$57	\$51
Total	\$605.2	\$552.6	\$52.6

Table 4 - Enhance/WCS Capital Costs

Costs spent on the system through the end of 2022 are shown above. The CRU's, SCS and pipeline are complete; no further CAPEX is expected. Additional CAPEX will be spent at Clive as the CO₂ EOR and storage area expands with future development.

Work began in 2022 to tie-in the Nutrien Plant #1 CO₂ supply to the RCRU as contemplated in the original Project Funding Proposal. Costs for this work are shown as a separate line item. This project entails installation of an electrically driven blower and associated inlet and outlet piping to move CO₂ rich off-gas from Plant #1 to the existing RCRU. Currently installed dehydration and compression equipment at the RCRU does not require

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modification based on expected output from the existing Nutrien supply and the added Plant #1 volumes. Plot plans, process flow diagrams, heat and material balance and project schedule are included in Appendix IX of the Detailed report. The project is scheduled to be completed in 2023.

<u>OPEX</u>

Actual operating costs for 2022 and 2023 estimates are presented below.

Project Component	2022 Operating Cost	2023 Operating Cost		
	Actual (\$mm)	Estimated (\$mm)		
RCRU (including disposal well) and NWR CRU				
Energy	\$15.68	\$21.78		
Maintenance and Repair	\$1.61	\$1.53		
Labour, Regulatory, Administration	\$0.49	\$0.44		
Maintenance Capital and Turnaround	\$0.08	\$-		
Sub-Total	\$17.86	\$23.75		
SCS and ACTL				
Energy	\$7.67	\$10.51		
Maintenance and Repair	\$2.00	\$1.67		
Labour, Regulatory, Administration	\$0.81	\$2.71		
Maintenance Capital and Turnaround	\$1.29	\$1.2		
Sub-Total	\$11.77	\$16.08		
Storage (Clive)				
Energy	\$6.36	\$6.64		
Maintenance and Repair	\$2.33	\$2.43		
Labour, Regulatory, Administration	\$1.26	\$1.31		
Monitoring, Measurement and Verification	\$1.16	\$2.24		
Sub-Total	\$11.11	\$12.62		
TOTAL	\$40.74	\$52.45		

Table 5- Operating Costs- CRU's, SCS, ACTL and Storage

NWR Rectisol®

NWR Rectisol[®] Unit

The Rectisol® capital cost (actual) is shown in Table 6. Table 7 shows the operating cost of the Rectisol Unit.

<u>CAPEX</u>

DBM/EDS Engineering	\$6.1
Detailed Engineering	\$65.8
Equipment & Material	\$176.1
Construction, Commissioning & Startup	\$134.4
Total	\$382.4

Table 6 - Rectisol® Capital Costs

<u>OPEX</u>

Actual OPEX for 2022 and 2023 estimate is shown in Table 7 following.

Project Component	2022 Operating Cost Actual (\$mm)	2023 Operating Cost Estimated (\$mm)		
Rectisol® Unit				
Energy	\$9.55	\$14.37		
Maintenance and Repair	\$9.83	\$2.13		
Labour, Regulatory, Administration	\$3.39	\$3.53		
Total	\$22.77	\$20.03		

Table 7- Rectisol Operating Costs

The levelized supply cost per tonne of CO₂ captured and avoided has been calculated using methodology developed by Alberta Energy at \$109.49/tonne and \$120.23/tonne respectively. These costs include the Rectisol® unit at a CAPEX of \$13.00/tonne and \$14.21/tonne and OPEX of \$21.27/tonne and \$23.24/tonne respectively. This unit provides H₂S removal and hydrogen for NWR Sturgeon refinery processes as well as CO₂ for the ACTL project. See Section 6.1.1.3 of the 2022 detailed report.

The ACTL pipeline itself shows a levelized supply cost per tonne of CO₂ captured and avoided of CAPEX \$15.88/tonne and \$17.44/tonne and OPEX of \$13.82/tonne and \$15.18/tonne respectively. The ACTL is designed for an ultimate capacity of up to 14.6 million tonnes of CO₂ per year, which represents approximately 20% of all current oil sands emissions or is equal to the impact of capturing the CO2 from more than 2.6 million tonnes in Alberta. Current deliveries to Clive represent a fraction of this capacity at approximately 1 million tonnes per year in 2022.

Revenues

Enhance and NWR have received \$63mm of Federal funding through the ecoETI and CEF programs to date. NWR and Enhance have received \$326mm of Provincial funding under the ACTL CCS agreement to YE 2022. A total of \$169mm remains to be disbursed to NWR and Enhance as annual payments under the Remaining Collective Funding provisions of the Provincial funding agreement. Payments are calculated based on net CO₂ stored in the preceding year. NWR received \$3.81 mm and Enhance received \$11.44 mm in 2022 based on net CO₂ stored from the start of Commercial Operations in 2020. The Project also received \$3.05 mm funding in 2022 through the Provincial Sector-specific Industrial Energy Efficiency (SIEE) Program to partially offset costs of the Nutrien Plant #1 tie-in.

The Project is also eligible for offset credits through the TIER program and has pursued registration of these credits during 2020-2022. Details can be found at https://alberta.csaregistries.ca/GHGR Listing/AEOR ListingDetail.aspx?ProjectId=157.

Revenue generated through the offset credits from the Project are commercial confidential.

Section 11: Project Timeline

Enhance/WCS ACTL Timeline

Activities associated with construction and commissioning are complete, specifically:

- RCRU was commissioned and began filling the ACTL in December 2019
- CO₂ delivery to the Clive field began in February 2020
- Clive CO₂-EOR and Storage- began injecting CO₂ in February 2020. MMV activities will be an ongoing process as will expansion of the CO₂ EOR and storage area at Clive as the existing EOR area matures and recycle volumes increase.
- NWR CRU and SCS- began supplying CO₂ to the ACTL in March 2020
- Commercial Operation was achieved in May 2020

A pre-commissioning timeline is available in 2019 Knowledge Sharing Report.

NWR Timeline

Funding for Milestone# 1 was achieved in September 2015, Milestone #2 was achieved in June 2017, and Milestone #3 was achieved in early Q2 2018. Commencement of CO_2 deliveries to Enhance occurred calendar Q1 2020 and Milestone #4 was achieved in Q2, 2020.

Section 12: General Project Assessment

Successes and Learnings Arising from the Project

The ACTL project is expected to encourage the development of an eco-industrial petrochemical cluster of additional value-added upgrading, refining, and petrochemicals projects that take advantage of sustainable and cost-effective solutions for CO₂ emissions. Now that it is operational, the ACTL is strategically positioned to launch an integrated CCS sector and establish Alberta as a globally recognized leader for CCS and EOR technology. To date, the project has been successful in passing through key commercial, public consultation, regulatory, financial, design and construction hurdles. Enhance, WCS and NWR plan to build on these successes as the project continues to demonstrate an effective solution to CO₂ emissions during the operation phase.

The ACTL was developed in anticipation of future tightening environmental requirements for large emitters. The regulatory landscape has evolved since 2010 such that the demonstration project will in fact yield meaningful economic returns in addition to environmental benefits to its stakeholders.

Landowner Acceptance

There are approximately 400 landowners along the ACTL who have been externally supportive of the project. This is a significant achievement, and it highlights public support for the ACTL. Enhance and WCS's strong commitment to community engagement is evident in the fact that landowners supported the pipeline being built underneath their land. This level of acceptance occurs once all community questions and concerns have been adequately addressed and risks have been shown to be minimal. As with any major project, construction of the ACTL temporarily impacted stakeholder activities. Concerns received by the project team were actioned promptly, and over 99% of the landowners have signed off on the final state of the project lands as of year-end 2022. Wolf continues to engage with the few remaining landowners to settle construction nuisance claims.

Procurement of Major Equipment

All major equipment is in place and operating.

Regulatory Approvals in Place for Pipeline

The required regulatory approvals are in place for the project.

Achievement of the Project's Milestones See Section 10.

Knowledge Sharing

Enhance, WCS and NWR have committed to provide updates and deliver presentations to the community, industry and government in order to promote awareness about the ACTL project and highlight its benefits to a wide audience. As part of this commitment, Enhance, WCS and NWR have spent considerable time preparing knowledge sharing reports for the provincial and federal governments and the general public, presenting at various events and touring groups through Project facilities.

Details can be found in Section 4.2 of the Detailed Knowledge Sharing report.

Government Funding See "Revenues" in Section 10.

Electricity Power Requirements

All facilities associated with the project obtain power from connection to the Alberta grid.

Direct Economic Benefits to Alberta

The ACTL has had a direct economic impact in Alberta, through the creation of jobs and procurement of equipment. These benefits are measured in terms of person-hours expended and equipment manufactured in the Province. Approximately 2,234,000 person-hours were expended to the start of commercial operations on construction activities for the project. Peak workforce on the project included almost 2000 persons working on the ACTL and capture facilities in February 2019 and another 195 working at Clive drilling new injection and disposal wells, re-completing and zonally abandoning existing wells and installing pipelines and upgrading facilities throughout the year. Presently, there are approximately 75 permanent positions as a result of the ACTL project, with additional positions to be created as further EOR and storage sites are developed.

Enhance and WCS remain committed to supporting Alberta businesses. Direct efforts have been made to keep the majority of work in the Province; see Appendix C.

Economic Benefit to Canada and Opportunity to Build Expertise

Two major pieces of equipment for the RCRU (inlet condenser and the CO₂ booster pump) were procured from Ontario. The majority of the pipe used in the ACTL (other than some specialized heavy wall sections and the larger 24" pipe) was fabricated at the Evraz manufacturing facility in Camrose, Alberta. The 24" pipe was manufactured in Saskatchewan, and all pipe was coated at the Shawcor facility in Camrose, Alberta. Three of the four pipeline construction contractors are Alberta based and the fourth is based in Saskatchewan. Canadian content utilized through the construction of the ACTL system exceeded 90% of aggregate costs.

The only major equipment procured outside Canada were three CO₂ compressors that are based on the same compression technology purchased from Germany. A Canadian manufactured compressor would have been preferred; however, the technology and manufacturing capability has been built up in Germany over 50 years and is hard to replicate.

Indirect Economic Benefits of the Project for Alberta and Canada

Enhance commissioned the Canadian Energy Research Institute (CERI) to conduct a study on the economic impact of the ACTL project in 2009. CERI uses an Input-Output ("IO") model based on StatsCan data to estimate economic impacts of investments (input) and production (output). The study has not been updated but it was estimated at the time that, at full capacity the ACTL project will create \$15 billion in royalty revenue for the Alberta government over the next 30 years by capturing CO_2 from large emitters in the Alberta Industrial Heartland and using it to develop EOR potential in mature east-central Alberta oil pools. The study estimated that overall integrated project, at design capacity, could increase Canada's total economic output by \$231 billion (approximately 80% of the impact in Alberta) and provide an additional 848,800 person-years of employment (approximately 70% of the impact in Alberta).

CERI estimated ongoing job creation as the ACTL system expands to full capacity to run in the tens of thousands.

Section 13: Next Steps

All components of the project are operating. The current focus for all parties is to ensure continued, safe operation of the current system. As the ACTL has excess capacity relative to demands at Clive, Enhance and WCS are seeking additional supply and potential CO₂-EOR and/or storage customers.

Enhance continues its focus on safe and efficient operation of the Clive CO_2 EOR and storage project including ongoing monitoring related to the MMV plan. As the current CO_2 flood area matures, Enhance will apply for AER approval to expand operations through the remainder of the reservoirs at Clive.

With easing of COVID restrictions in 2022, Enhance plans more person-to-person visits with landowners and residents in the area. Enhance also plans to hold an open house in June.

Changes in the Project Plan and Timeline

All components of the Project are now operating.

APPENDIX A- Clive CO₂ Injection Reports

Submitted on March 31, 2023





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Clive CO2 Volumes Report

Date: 1/1/2022 to 1/31/2022

			Clive CO2 Injection				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	689.48	8469.6	12,054.0	11,419.9	22,440	21,259	94.74%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	649.00	8397.6	12,441.2	11,794.1	23,160	21,956	94.80%
Clive Inj 06-02 Pad 00/01-03 Gas Mtr - 006-FIT-0004A	396.14	6178.1	5,511.6	5,214.3	10,260	9,707	94.61%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	681.68	9622.5	10,568.4	10,012.4	19,674	18,639	94.74%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	683.85	9044.8	15,168.0	14,382.9	28,237	26,775	94.82%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	657.09	9053.8	13,836.6	13,139.3	25,758	24,460	94.96%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	617.52	9338.4	9,496.7	9,016.2	17,679	16,785	94.94%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	500.33	6849.7	9,126.4	8,651.1	16,990	16,105	94.79%
Average			2,845.3	2,697.7	5,297	5,022	94.82%
Total			88,202.9	83,630.0	164,198	155,686	94.82%

			ACTL Sales				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	648.73	11324.6	48,328.8	48,058.8	89,969	89,466	99.44%
Average			1,559.0	1,550.3	2,902	2,886	99.44%
Total			48,328.8	48,058.8	89,969	89,466	99.44%

			Clive 04-15 Sales				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	668.06	0.0	37,525.8	33,355.1	69,858	62,094	88.89%
Average			1,210.5	1,076.0	2,253	2,003	88.89%
Total			37,525.8	33,355.1	69,858	62,094	88.89%

Total Injection (e3m3)	88,202.9
Total Delivery (e3m3)	85,854.6
Proration	102.7%



Clive CO2 Volumes Report

Date: 2/1/2022 to 2/28/2022

			Clive CO2 Injection				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	663.67	8503.9	13,538.3	12,798.8	25,203	23,826	94.54%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	661.98	8522.5	13,489.0	12,751.4	25,111	23,738	94.53%
Clive Inj 06-02 Pad 00/01-03 Gas Mtr - 006-FIT-0004A	16.15	352.8	393.2	373.3	732	695	94.94%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	671.58	9891.2	11,837.1	11,193.5	22,036	20,838	94.56%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	671.85	9042.1	16,407.5	15,513.4	30,544	28,880	94.55%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	671.85	9087.1	15,002.9	14,187.4	27,929	26,411	94.56%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	525.91	7022.1	7,789.5	7,365.0	14,501	13,711	94.55%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	670.80	9455.8	13,176.3	12,461.5	24,529	23,198	94.58%
Average			3,272.6	3,094.4	6,092	5,761	94.55%
Total			91,633.8	86,644.3	170,585	161,297	94.55%

			ACTL Sales				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	647.63	11937.5	53,480.9	52,871.0	99,560	98,425	98.86%
Average			1,910.0	1,888.3	3,556	3,515	98.86%
Total			53,480.9	52,871.0	99,560	98,425	98.86%

			Clive 04-15 Sales				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	665.95	0.0	37,961.0	33,592.4	70,668	62,536	88.49%
Average			1,355.7	1,199.7	2,524	2,233	88.49%
Total			37,961.0	33,592.4	70,668	62,536	88.49%

Total Injection (e3m3)	91,633.8
Total Delivery (e3m3)	91,441.8
Proration	100.2%


Date: 3/1/2022 to 3/31/2022

			Clive CO2 Injection				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	716.48	8620.6	13,446.1	12,859.3	25,031	23,939	95.64%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	714.71	8661.2	12,772.1	12,198.0	23,777	22,708	95.50%
Clive Inj 06-02 Pad 00/01-03 Gas Meter - 006-FIT-0004A	743.55	9652.6	15,193.7	14,555.4	28,285	27,096	95.80%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	742.43	9655.2	13,708.6	13,125.7	25,520	24,435	95.75%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	575.10	8388.8	13,655.2	13,043.5	25,420	24,282	95.52%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	648.90	9196.4	14,078.4	13,455.3	26,208	25,048	95.57%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	3.22	298.9	94.0	89.4	175	166	95.15%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	744.00	9481.3	14,680.0	14,057.6	27,328	26,170	95.76%
Average			3,149.3	3,012.4	5,863	5,608	95.65%
Total			97,628.1	93,384.3	181,745	173,844	95.65%

				ACTL	Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	739.84	11591.5	59,903.7	59,616.2	111,517	110,982	99.52%
Average			1,932.4	1,923.1	3,597	3,580	99.52%
Total			59,903.7	59,616.2	111,517	110,982	99.52%

			Clive 04-15 Sales				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	740.43	0.0	39,207.7	35,214.1	72,989	65,554	89.81%
Average			1,264.8	1,135.9	2,354	2,115	89.81%
Total			39,207.7	35,214.1	72,989	65,554	89.81%

Total Injection (e3m3)	97,628.1
Total Delivery (e3m3)	99,111.5
Proration	98.5%



Date: 4/1/2022 to 4/30/2022

				Clive CO2	2 Injection		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	720.00	8536.3	15,208.6	14,562.9	28,312	27,110	95.75%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	718.12	8258.1	15,245.3	14,601.4	28,381	27,182	95.78%
Clive Inj 06-02 Pad 00/01-03 Gas Meter - 006-FIT-0004A	718.02	9358.0	14,619.3	14,006.8	27,215	26,075	95.81%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	720.00	9669.8	15,550.6	14,894.1	28,949	27,727	95.78%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	559.50	8101.0	13,477.2	12,878.7	25,089	23,975	95.56%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	566.97	7933.7	12,475.5	11,923.3	23,224	22,196	95.57%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	0.00	0.0	0.0	0.0	0	0	0.00%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	720.00	9165.3	15,004.1	14,371.4	27,932	26,754	95.78%
Average			3,386.0	3,241.3	6,303	6,034	95.73%
Total			101,580.5	97,238.8	189,102	181,020	95.73%

				ACTL	Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	719.87	11806.0	66,234.1	65,811.9	123,301	122,515	99.36%
Average			2,207.8	2,193.7	4,110	4,084	99.36%
Total			66,234.1	65,811.9	123,301	122,515	99.36%

			Clive 04-15 Sales				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	718.66	0.0	35,445.8	31,521.9	65,986	58,681	88.93%
Average			1,181.5	1,050.7	2,200	1,956	88.93%
Total			35,445.8	31,521.9	65,986	58,681	88.93%

Total Injection (e3m3)	101,580.5
Total Delivery (e3m3)	101,679.8
Proration	99.9%



Date: 5/1/2022 to 5/31/2022

				Clive CO2	2 Injection		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	744.00	8340.4	13,407.5	12,795.6	24,959	23,820	95.44%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	744.00	8309.2	12,883.8	12,295.5	23,984	22,889	95.43%
Clive Inj 06-02 Pad 00/01-03 Gas Meter - 006-FIT-0004A	743.92	9345.2	17,590.6	16,792.4	32,747	31,261	95.46%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	744.00	9339.7	17,076.5	16,303.6	31,790	30,351	95.47%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	744.00	8710.1	18,132.3	17,304.6	33,755	32,214	95.44%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	744.00	8779.9	15,700.8	14,984.6	29,229	27,895	95.44%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	0.00	0.0	0.0	0.0	0	0	0.00%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	744.00	9085.4	18,063.7	17,244.8	33,627	32,103	95.47%
Average			3,640.5	3,474.9	6,777	6,469	95.45%
Total			112,855.1	107,720.9	210,091	200,533	95.45%

				ACTL	Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	743.46	11871.5	68,707.9	68,280.6	127,907	127,111	99.38%
Average			2,216.4	2,202.6	4,126	4,100	99.38%
Total			68,707.9	68,280.6	127,907	127,111	99.38%

			Clive 04-15 Sales				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	743.95	0.0	44,618.9	39,893.3	83,062	74,265	89.41%
Average			1,439.3	1,286.9	2,679	2,396	89.41%
Total			44,618.9	39,893.3	83,062	74,265	89.41%

Total Injection (e3m3)	112,855.1
Total Delivery (e3m3)	113,326.8
Proration	99.6%



Date: 6/1/2022 to 6/30/2022

				Clive CO2	Injection		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	719.97	8094.9	15,152.5	14,180.3	28,208	26,398	93.58%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	720.00	8094.4	13,124.9	12,272.2	24,433	22,846	93.50%
Clive Inj 06-02 Pad 00/01-03 Gas Meter - 006-FIT-0004A	711.00	9441.7	14,804.1	13,861.5	27,559	25,805	93.63%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	719.25	9374.0	15,316.5	14,336.2	28,513	26,688	93.60%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	719.10	8743.1	16,289.4	15,253.2	30,324	28,395	93.64%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	718.52	8777.6	19,561.6	18,314.8	36,416	34,095	93.63%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	0.00	0.0	0.0	0.0	0	0	0.00%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	662.72	8924.7	14,790.1	13,864.3	27,533	25,810	93.74%
Average			3,634.6	3,402.8	6,766	6,335	93.62%
Total			109,039.1	102,082.6	202,987	190,037	93.62%

				ACTL	Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	718.79	11771.1	62,160.7	61,367.0	115,718	114,241	98.72%
Average			2,072.0	2,045.6	3,857	3,808	98.72%
Total			62,160.7	61,367.0	115,718	114,241	98.72%

			Clive 04-15 Sales			CO2 Content	
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	705.20	0.0	43,554.2	37,600.3	81,080	69,997	86.33%
Average			1,451.8	1,253.3	2,703	2,333	86.33%
Total			43,554.2	37,600.3	81,080	69,997	86.33%

Total Injection (e3m3)	109,039.1
Total Delivery (e3m3)	105,714.9
Proration	103.1%



Date: 7/1/2022 to 7/31/2022

			Clive CO2 Injection				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
	0.00	0.0	0.0	0.0	0	0	0.00%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	744.00	7922.3	15,629.2	14,752.2	29,095	27,463	94.39%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	744.00	7915.7	14,750.4	13,923.1	27,459	25,919	94.39%
Clive Inj 06-02 Pad 00/01-03 Gas Meter - 006-FIT-0004A	742.52	9257.8	16,407.5	15,487.2	30,544	28,831	94.39%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	744.00	9223.2	17,334.3	16,363.0	32,270	30,461	94.40%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	735.23	8623.9	15,430.3	14,562.1	28,725	27,109	94.37%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	732.47	8631.1	15,573.0	14,696.7	28,991	27,359	94.37%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	0.00	0.0	0.0	0.0	0	0	0.00%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	744.00	8966.3	16,629.7	15,697.1	30,958	29,222	94.39%
Average			3,605.0	3,402.6	6,711	6,334	94.39%
Total			111,754.3	105,481.6	208,042	196,364	94.39%

				ACTL	Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	744.00	11827.0	70,202.9	69,709.7	130,690	129,772	99.30%
Average			2,264.6	2,248.7	4,216	4,186	99.30%
Total			70,202.9	69,709.7	130,690	129,772	99.30%

				Clive 04-	15 Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	717.45	0.0	42,390.0	36,563.3	78,913	68,066	86.25%
Average			1,367.4	1,179.5	2,546	2,196	86.25%
Total			42,390.0	36,563.3	78,913	68,066	86.25%

Total Injection (e3m3)	111,754.3
Total Delivery (e3m3)	112,592.8
Proration	99.3%



Date: 8/1/2022 to 8/31/2022

			Clive CO2 Injection				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	512.54	7235.4	8,050.6	7,412.9	14,987	13,800	92.08%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	713.21	8905.8	13,031.4	11,823.8	24,259	22,011	90.73%
Clive Inj 06-02 Pad 00/01-03 Gas Meter - 006-FIT-0004A	474.75	5701.3	6,017.4	5,585.7	11,202	10,398	92.83%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	811.45	9651.2	9,396.1	8,624.7	17,492	16,056	91.79%
Clive Inj 08-09 Pad 02/16-10 Gas Meter - 017-FIT-0006	0.00	0.0	0.0	0.0	0	0	0.00%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	741.04	9289.1	12,064.1	10,966.0	22,459	20,414	90.90%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	740.41	9296.3	11,084.6	10,095.8	20,635	18,794	91.08%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	0.00	2.2	0.0	0.0	0	0	0.00%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	633.24	9484.1	12,270.9	11,219.2	22,844	20,886	91.43%
Average			2,319.8	2,120.3	4,319	3,947	91.40%
Total			71,915.1	65,728.1	133,877	122,359	91.40%

				ACTL	Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	711.85	10821.1	24,924.9	24,831.5	46,400	46,226	99.63%
Average			804.0	801.0	1,497	1,491	99.63%
Total			24,924.9	24,831.5	46,400	46,226	99.63%

				Clive 04	15 Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	741.03	0.0	45,737.8	39,782.7	85,146	74,059	86.98%
Average			1,475.4	1,283.3	2,747	2,389	86.98%
Total			45,737.8	39,782.7	85,146	74,059	86.98%

Total Injection (e3m3)	71,915.1
Total Delivery (e3m3)	70,662.7
Proration	101.8%



Date: 9/1/2022 to 9/30/2022

				Clive CO2	2 Injection		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	716.05	10083.2	5,104.0	4,556.9	9,502	8,483	89.28%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	717.92	4121.2	5,998.3	5,352.0	11,166	9,963	89.23%
Clive Inj 06-02 Pad 00/01-03 Gas Meter - 006-FIT-0004A	118.08	(11.6)	8.4	7.5	16	14	88.96%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	170.45	10305.6	1,087.3	975.4	2,024	1,816	89.71%
Clive Inj 08-09 Pad 02/16-10 Gas Meter - 017-FIT-0006	687.09	32.0	28,744.7	25,660.2	53,511	47,769	89.27%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	278.49	10216.3	2,429.5	2,168.9	4,523	4,038	89.27%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	277.33	10250.6	2,116.5	1,889.4	3,940	3,517	89.27%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	0.00	9.7	0.0	0.0	0	0	0.00%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	762.92	10368.1	8,206.0	7,325.1	15,276	13,636	89.27%
Average			1,789.8	1,597.8	3,332	2,975	89.27%
Total			53,694.8	47,935.3	99,958	89,236	89.27%

				ACTL	Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	473.27	10357.0	6,870.4	6,787.5	12,790	12,636	98.79%
Average			229.0	226.3	426	421	98.79%
Total			6,870.4	6,787.5	12,790	12,636	98.79%

				Clive 04	15 Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	715.07	0.0	45,187.8	39,698.3	84,122	73,902	87.85%
Average			1,506.3	1,323.3	2,804	2,463	87.85%
Total			45,187.8	39,698.3	84,122	73,902	87.85%

Total Injection (e3m3)	53,694.8
Total Delivery (e3m3)	52,058.2
Proration	103.1%



Date: 10/1/2022 to 10/31/2022

				Clive CO2	2 Injection		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	684.15	10004.9	6,627.0	5,950.2	12,337	11,077	89.79%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	688.60	6260.4	7,101.2	6,395.7	13,220	11,906	90.06%
Clive Inj 06-02 Pad 00/01-03 Gas Meter - 006-FIT-0004A	0.00	(10.4)	0.0	0.0	0	0	0.00%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	0.05	8811.3	0.0	0.0	0	0	0.00%
Clive Inj 08-09 Pad 02/16-10 Gas Meter - 017-FIT-0006	478.90	3756.9	26,812.0	24,242.4	49,913	45,130	90.42%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	421.63	10234.7	5,611.2	5,050.2	10,446	9,401	90.00%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	421.63	10340.3	5,326.3	4,784.2	9,915	8,906	89.82%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	0.00	10.9	0.0	0.0	0	0	0.00%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	602.97	10318.3	7,222.4	6,504.9	13,445	12,110	90.07%
Average			1,893.6	1,707.3	3,525	3,178	90.17%
Total			58,700.2	52,927.5	109,276	98,530	90.17%

				ACTL	Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	345.66	10272.4	12,589.2	12,434.4	23,436	23,148	98.77%
Average			406.1	401.1	756	747	98.77%
Total			12,589.2	12,434.4	23,436	23,148	98.77%

				Clive 04	15 Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	743.62	0.0	45,505.5	39,965.6	84,713	74,400	87.83%
Average			1,467.9	1,289.2	2,733	2,400	87.83%
Total			45,505.5	39,965.6	84,713	74,400	87.83%

Total Injection (e3m3)	58,700.2
Total Delivery (e3m3)	58,094.7
Proration	101.0%



Date: 11/1/2022 to 11/30/2022

				Clive CO2	2 Injection		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	170.32	9606.3	3,613.1	3,407.4	6,726	6,343	94.31%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	149.21	9584.8	3,138.3	2,959.5	5,842	5,509	94.30%
Clive Inj 06-02 Pad 00/01-03 Gas Meter - 006-FIT-0004A	0.00	(7.4)	0.0	0.0	0	0	0.00%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	583.86	9649.0	4,089.3	3,705.0	7,613	6,897	90.60%
Clive Inj 08-09 Pad 02/16-10 Gas Meter - 017-FIT-0006	714.80	9635.9	22,542.1	20,678.2	41,964	38,494	91.73%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	704.60	9738.4	11,303.6	10,280.3	21,043	19,138	90.95%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	642.22	9404.0	7,586.5	6,848.1	14,123	12,748	90.27%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	650.67	9135.7	11,010.8	10,022.7	20,498	18,658	91.03%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	51.15	1286.1	742.1	654.5	1,381	1,218	88.19%
Average			2,134.2	1,951.9	3,973	3,634	91.46%
Total			64,025.9	58,555.7	119,191	109,007	91.46%

				ACTL	Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	616.64	10097.9	21,693.3	21,384.3	40,384	39,809	98.58%
Average			723.1	712.8	1,346	1,327	98.58%
Total			21,693.3	21,384.3	40,384	39,809	98.58%

				Clive 04	-15 Sales		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	704.86	0.0	42,164.9	37,033.5	78,494	68,941	87.83%
Average			1,405.5	1,234.4	2,616	2,298	87.83%
Total			42,164.9	37,033.5	78,494	68,941	87.83%

Total Injection (e3m3)	64,025.9
Total Delivery (e3m3)	63,858.2
Proration	100.3%



Date: 12/1/2022 to 12/31/2022

				Clive CO2	Injection		CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Inj 02-26 Pad 00/11-25 Gas Meter - 013-FIT-0010B	737.17	8638.6	16,151.2	15,289.6	30,067	28,463	94.67%
Clive Inj 02-26 Pad 02/02-22 Gas Meter - 013-FIT-0010A	742.53	8553.6	16,575.3	15,681.0	30,857	29,192	94.60%
Clive Inj 06-02 Pad 00/01-03 Gas Meter - 006-FIT-0004A	0.00	(4.4)	0.0	0.0	0	0	0.00%
Clive Inj 06-02 Pad 03/16-02 Gas Meter - 006-FIT-0004B	591.34	8161.4	10,001.8	9,441.9	18,619	17,577	94.40%
Clive Inj 08-09 Pad 02/16-10 Gas Meter - 017-FIT-0006	358.62	6417.6	20,299.9	19,140.7	37,790	35,632	94.29%
Clive Inj 15-26 Pad 00/01-27 Gas Meter - 011-FIT-0010A	742.45	9358.8	16,079.6	15,229.1	29,934	28,351	94.71%
Clive Inj 15-26 Pad 02/11-36 Gas Meter - 011-FIT-0010B	650.57	7854.3	9,918.1	9,356.3	18,464	17,418	94.34%
Clive Inj 15-35 Pad 00/01-34 Gas Meter - 009-FIT-0010B	736.72	9626.4	17,415.6	16,484.6	32,421	30,688	94.65%
Clive Inj 15-35 Pad 02/06-01 Gas Meter - 009-FIT-0010A	0.00	140.3	0.0	0.0	0	0	0.00%
Average			3,433.6	3,245.9	6,392	6,043	94.53%
Total			106,441.7	100,623.3	198,152	187,320	94.53%

			ACTL Sales				CO2 Content
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive 4-15-40-24W4 ACTL Delivery Meter - 090-FIT-0202	743.27	11309.0	65,551.9	64,670.6	122,031	120,391	98.66%
Average			2,114.6	2,086.1	3,936	3,884	98.66%
Total			65,551.9	64,670.6	122,031	120,391	98.66%

				CO2 Content			
Location	Time On (hrs)	Pressure (kpa)	Gross Volume (e3m3)	Net CO2 (e3m3)	Gross (Tonnes)	Net CO2 (Tonnes)	%
Clive Battery 4-15-40-24W4 Recycle Gas - 091-FIT-0034A	715.00	0.0	40,798.2	35,838.1	75,950	66,716	87.84%
Average			1,316.1	1,156.1	2,450	2,152	87.84%
Total			40,798.2	35,838.1	75,950	66,716	87.84%

Total Injection (e3m3)	106,441.7
Total Delivery (e3m3)	106,350.1
Proration	100.1%

APPENDIX B- ACTL Project Gas Analyses

Submitted on March 31, 2023



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EXTENDED GAS ANALYSIS

version: 1	Ver	sion:	1
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07000560A Container Identifi	EE140 Sample	0705621W4M Point Code	FIT0210G	Meter Code	9	00018903 AGAT WDMS	0 Number	22ER974233A Previous Number	22ER974582A Laboratory Number
ENHANCE E	ENERGY INC	;		<u>N</u>	IETER 091-FIT- ampling Point	- 0210		14-07-056-2 Unique Well Ider	1W4 tifier
SCS14-7 CC	2 METER -0	91-FIT-0210							
Well Name			Wei	License Well St	atus	Well Fluid	Status	LSD	
REDWATER		Ν	OT APPLI	CABLE	A	AGAT RED DE	ER	BB	
Field or Area		P	ool or Zone		S	Sampler's Company		Name of Sample	r
Test Inter	val (mKB)				Elevation (m) –	Pre	essure (kPa)	Temp	perature (°C)
From :	То:	Test Type	Test	No. KE	B GRD	<u>1240</u> 	15(00 ived Source	22
Dec 30 202	2 8·40 Ja	in 04 2023	Jan 13	3 2023	Jan 13 2023	Calgary -	Bernie D	iep - Supervisor	
Date/Time Samp	led Da	te Received	Date An	alyzed	Date Reported	Location - A	pproved By -	Title	
Other FIE Information :	ELD H2S BY	TUBE = 0PPI	M; CC:22C	LV001; CO2 (CONTENT = 9	1.82%			
		COMPO	SITION				PROPE	RTIES	
	Mole F	raction			Calculate	ed Heating Va	lue @15	°C & 101.325 kF	Pa (MJ/m³) —
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	0.13	Gross 14.39 Maistura 8		Net 0.11	12.44
H ₂	0.00732	0.84658		0.00673	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Cal	culated D)ensitv	
N ₂	0.00052	0.06062		0.00051		Relative		A	bsolute
CO2	0.99135	0.00000		0.99210	1.508	0.181		0.0	1.847
H₂S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C_7 + Density	Total Sample
C ₁	0.00073	0.08392		0.00050	AS Received				
C2	0.00002	0.00233	0.1	0.00003		Calculated P	seudo Cr	itical Properties	
C₃	0.00001	0.00073	TRACE	0.00001	As	Sampled		Acid Ga	is Free
<i>i</i> C₄	0.00001	0.00148	0.1	0.00002	7328.27	301.98		1740.18	55.29
nC₄	0.00001	0.00149	0.1	0.00001	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
iC₅	0.00001	0.00107	TRACE	0.00001		Hydroge	n Sulfide	(H₂S) (ppm)	
nC₅	0.00002	0.00177	0.1	0.00001	Field	Value	Lai	boratory Value	g/m³
C6	0.00000	0.00000	0.0	0.00001	0				0.00
C ₇ +	0.00000	0.00000	0.0	0.00006	(GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)	
TOTAL	1.00000	1.00000	0.3	1.00000					
WDMS Da	ata Verifica [.]	tion Check	\checkmark			— Calcula (Moisture	ted Molec Free asRee	cular Weight ceived) (g/mol)	
					43.67 Total Sar	mple		0.00 C ₇ + Fraction	
					Calculate	ed Vapour Pre 3	ssure –	Gas Comp 0.9943	pressibility
					C₅+(kPa))	_	@15 °C & 101.	325 kPa

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

07000560A EE140705621W4MFIT Container Identification Sample Point Code		ΠT	000189030	22ER974233A	22ER974582A Laboratory Number	
		Meter Code	AGAT WDMS Number	Previous Number		
ENHANCE ENERGY	(INC	METER	R 091-FIT- 0210	14-07	∕-056-21₩4	
Operator Name		Sampling	p Point	Unique	Well Identifier	
SCS14-7 CO2 METE	-R -091-FIT-0210					
Well Name		Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m ³)	
36.2+	C ₆ +	Hexanes+	0.00000	0.00000	0.0000	
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000	
98.6+	C ₈ +	Octanes+	0.00000	0.00000	0.0000	
125.8+	C₂+	Nonanes+	0.00000	0.00000	0.0000	
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000	
174.3+	C ₁₁ +	Undecanes+	0.00000	0.00000	0.0000	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
					As Received	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	Liquid Volume (mL/m ³)	
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000	
98.6 - 125.8	C ₈	Octanes	0.00000	0.00000	0.0000	
125.8 - 150.9	C۹	Nonanes	0.00000	0.00000	0.0000	
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000	
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
49.28	C5	Cyclopentane	0.00000	0.00000	0.0000	
68.73	C6	n-Hexane	0.00000	0.00000	0.0000	
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000	
80.06	C6	Benzene	0.00000	0.00000	0.0000	
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000	
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000	
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000	
110.61	C ₇	Toluene	0.00000	0.00000	0.0000	
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000	
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000	
169.34	C ₉	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

11001463A Container Identifi	EE140)705621W4M Point Code	FIT0210G	Meter Cod	e	00018903 AGAT WDMS	0 S Number	22ER915639A Previous Number	22ER974233A Laboratory Number
ENHANCE E		:		<u>N</u>	IETER 091-FI	T- 0210		14-07-056-2	21W4
Operator Name				S	ampling Point			Unique Well Ide	entifier
SCS14-7 CC	02 METER -0	91-FIT-0210		14/2/1 0	1-1		Que la co		
well Name			wei	I License Well S	tatus	Well Fluid	Status	LSD	
REDWATER		Ν		CABLE		AGAT RED DE	ER	BA/BB	
Field or Area		P	ool or Zone			Sampler's Company	, 	Name of Samp	ler
lest inter	vai (mĸв) ———				Elevation (m)		essure (kPa)		nperature (°C)
From :	To:	Test Type	Test	No. Ki	B GRI	D Source	Rece	eived Source	Received
Nov 28, 2022	2 10:45 No	 ov 29, 2022	Dec 0	5, 2022	Dec 05, 2022	2 Calgary	- Gerry Ed	cker - Reporter	
Date/Time Samp	led Da	te Received	Date An	alyzed	Date Reported	Location - A	pproved By -	- Title	
Other Information :									
		COMPO	SITION				PROPE	RTIES	
	Mole F	raction				ated Heating Va	alue @15	°C & 101.325 k	Pa (<i>MJ/m³</i>) ——
	Air Erra	Air & Acid Gas	Liquid	Mole Fraction of		Gross		N	et
Component	Air Free As Received	Free As Received	Volume mL / m ³	Analysis	0.12	15.31 Maistura f		0.11	13.43
H ₂	0.00673	0.85307		0.00744	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	culated F	Density	
N ₂	0.00051	0.06428		0.00045		Relative			Absolute
CO2	0.99210	0.00000		0.99137	1.509	0.201		762.8	1.849
H₂S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C_7 + Density	Total Sample
C ₁	0.00050	0.06359		0.00074	As Received	Gas Free		(kg/m³)	Density (kg/m³)
C2	0.00003	0.00399	0.1	0.00000		Calculated P	seudo Cr	ritical Properties	
C₃	0.00001	0.00143	TRACE	0.00000	A	As Sampled		Acid G	as Free
<i>i</i> C ₄	0.00002	0.00267	0.1	0.00000	7332.19	302.18		1697.62	57.15
<i>n</i> C₄	0.00001	0.00106	TRACE	0.00000	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
iC₅	0.00001	0.00094	TRACE	0.00000		Hydroge	n Sulfide	e (H₂S) (ppm)	
nC₅	0.00001	0.00095	TRACE	0.00000	Field	d Value	La	boratory Value	g/m³
C6	0.00001	0.00112	TRACE	0.00000	0				0.00
C ₇ +	0.00006	0.00690	0.3	0.00000	Stain Tube (GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D550	4)
TOTAL	1.00000	1.00000	0.7	1.00000		. ,			
							ted Moleo	cular Weight	
WDMS Da	ata Verifica [.]	tion Check	\checkmark			(Moisture	Free asRe	ceived) (g/mol)	
					43.7 ⁴ Total S	1 Sample		95.15 C ₇ + Fraction	
					Calcula	ted Vapour Pre	ssure —	Gas Corr	pressibility —
					10.70		200.0	0.0042	
					$\frac{40.70}{C_{s}+/kF}$	э Ра)	_	0.9943 @15 ℃ & 10	1.325 kPa
						/			

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

11001463A Container Identification	EE140705621W4MF Sample Point Code	IT Meter Code	000189030 AGAT WDMS Number	22ER915639A Previous Number	22ER974233A Laboratory Number
ENHANCE ENERGY Operator Name	Y INC	METER Sampling	R 091-FIT- 0210 g Point	14-07 Unique	7-056-21W4 Well Identifier
SCS14-7 CO2 METE	ER -091-FIT-0210				
Well Name		Well License Well Status	Well Fluid	Status LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m ³)
36.2+	C ₆ +	Hexanes+	0.00007	0.00802	0.3344
68.9+	C ₇ +	Heptanes+	0.00006	0.00690	0.2861
98.6+	C ₈ +	Octanes+	0.00003	0.00366	0.1480
125.8+	C₂+	Nonanes+	0.00000	0.00016	0.0065
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000
174.3+	C ₁₁ +	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume
68.9 - 98.6	C ₇	Heptanes	0.00003	0.00324	0.1381
98.6 - 125.8	C ₈	Octanes	0.00003	0.00350	0.1415
125.8 - 150.9	C,	Nonanes	0.00000	0.00016	0.0065
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C₅	Cyclopentane	0.00000	0.00008	0.0030
68.73	C6	n-Hexane	0.00001	0.00105	0.0453
71.83	C6	Methylcyclopentane	0.00001	0.00092	0.0391
80.06	C ₆	Benzene	0.00000	0.00032	0.0093
80.78	C6	Cyclohexane	0.00001	0.00109	0.0452
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000
100.94	C ₇	Methylcyclohexane	0.00002	0.00256	0.1084
110.61	C ₇	Toluene	0.00001	0.00094	0.0330
136.16	Cs	Ethylbenzene	0.00000	0.00000	0.0000
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00011	0.0046
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000
169.34	C9	1,2,4-Trimethylbenzen	e 0.00000	0.00000	0.0000

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:	1
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04000687A Container Identifi	cation Sample	0705621W4MI Point Code	FIT0210G	Meter Code	9	00018903 AGAT WDMS	0 S Number	22ER911802B Previous Number	22ER915639A Laboratory Number
ENHANCE E Operator Name	ENERGY INC			M 	IETER 091-FI ⁻ ampling Point	Г- 0210		14-07-056-2 Unique Well Ide	1W4 ntifier
SCS14-7 CC	2 METER -0	91-FIT-0210							
Well Name			We	Il License Well St	atus	Well Fluid	Status	LSD	
REDWATER		N		CABLE		AGAT RED DE	ER	BA	
Field or Area	•	Po	ol or Zone			Sampler's Company	···	Name of Sample	ər
Test Inter	val (mKB)	7			Elevation (m)	Pre	essure (kPa)	Tem	perature (°C)
						1240	135	50 21	23
From :	10:	lest Type	Test	NO. KE	GRL		Recei		Received
Jul 22, 2022	$\frac{9:00}{led}$ $\frac{Ju}{Da}$	I 25, 2022	Jul 29	, 2022	Jul 29, 2022	Grande H	Prairie - Yo	ongnul Sun - Lab	oratory
Other CC Information :	: 22CLV001		201071		2 4 6 7 6 9 6 7 6 4		pp:0:04 _ }		
		COMPOS	SITION				PROPE	RTIES	
	Mole F	raction			Calcula	ted Heating Va	alue @15	°C & 101.325 kF	Pa (<i>MJ/m³</i>) ——
		Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	t
Component	As Received	Free As Received	Volume mL / m ³	Analysis	0.12	13.63		0.10	11.73
Ha	0.00744	0.86209		0.00509	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Cal	culated D)ensity	
N ₂	0.00045	0.05230		0.00043		Relative		A	bsolute
CO ₂	0.99137	0.00000		0.99361	1.508	0.158		0.0	1.847
- H₂S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C ₇ + Density	Total Sample
C ₁	0.00074	0.08561		0.00070	As Received	Gas Free		(Kg/M³)	Density (kg/m³)
C2	0.00000	0.00000	0.0	0.00004		Calculated P	seudo Cri	itical Properties	
C₃	0.00000	0.00000	0.0	0.00001	A	s Sampled		Acid G	as Free
<i>i</i> C₄	0.00000	0.00000	0.0	0.00001	7328.02	301.95		1704.99	51.54
nC₄	0.00000	0.00000	0.0	0.00001	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
iC₅	0.00000	0.00000	0.0	0.00001		Hydroge	n Sulfide	(H₂S) (ppm)	
nC₅	0.00000	0.00000	0.0	0.00001	Field	l Value	Lal	boratory Value	g/m³
C6	0.00000	0.00000	0.0	0.00002	0				0.00
C ₇ +	0.00000	0.00000	0.0	0.00006	Stain Tube (GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)
TOTAL	1.00000	1.00000	0.0	1.00000				().c.m.2000 .	,
WDMS Da	ata Verifica ⁻	tion Check	\checkmark		43.67	— Calcula (Moisture	ted Molec Free asRed	cular Weight ceived) (g/mol) 0.00	
					Total S	ample		C ₇ + Fraction	
					Calculat	ed Vapour Pre	ssure –	Gas Com	pressibility —
					0.00			0.9944	
					C₅+(kP	a)	_	@15 °C & 101	.325 kPa

Disclaimer: The result in this report has been confirmed by a duplicate run.

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

04000687A	EE140705621W4MF	ΊΤ	000189030	22ER911802B	22ER915639A	
Container Identification Sample Point Code		Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number	
ENHANCE ENERGY	(INC	METER	R 091-FIT- 0210	14-07	′-056-21W4	
Operator Name		Sampling	g Point	Unique	Well Identifier	
SCS14-7 CO2 METE	ER -091-FIT-0210					
Well Name		Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
36.2+	C ₆ +	Hexanes+	0.00000	0.00000	0.0000	
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000	
98.6+	C ₈ +	Octanes+	0.00000	0.00000	0.0000	
125.8+	C₂+	Nonanes+	0.00000	0.00000	0.0000	
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000	
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
					As Dessived	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000	
98.6 - 125.8	C ₈	Octanes	0.00000	0.00000	0.0000	
125.8 - 150.9	C۹	Nonanes	0.00000	0.00000	0.0000	
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000	
174.3 - 196.0	C11	Undecanes	0.00000	0.00000	0.0000	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml /m³)	
49.28	C5	Cyclopentane	0.00000	0.00000	0.0000	
68.73	C6	n-Hexane	0.00000	0.00000	0.0000	
71.83	C6	Methylcyclopentane	0.00000	0.00000	0.0000	
80.06	C ₆	Benzene	0.00000	0.00000	0.0000	
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000	
99.24	Cs	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000	
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000	
110.61	C ₇	Toluene	0.00000	0.00000	0.0000	
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000	
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000	
169.34	C9	1,2,4-Trimethylbenzen	e 0.00000	0.00000	0.0000	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version: 7	1
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13000554B Container Identifi	EE140	705621W4M Point Code	FIT0210G	Meter Cod	e	00018903 AGAT WDMS	80 S Number	22ER893697A Previous Number	22ER911802B Laboratory Number
ENHANCE ENERGY INC M Operator Name Sa				IETER 091-Fl ampling Point	T- 0210		14-07-056-2 Unique Well Ider	1W4 ntifier	
SCS14-7 CO	2 METER -0	91-FIT-0210							
Well Name			We	Il License Well Si	tatus	Well Fluid	l Status	LSD	
REDWATER		N	OT APPLI	CABLE		AGAT RED DE	ER	BA	
Field or Area		P	ool or Zone			Sampler's Company	/	Name of Sample	ər
Test Interv	val (mKB)]			Elevation (m)	Pr	essure (kPa)	Tem	perature (°C)
	_		- .			1240	120	0 19	21
From :	10:		lest		B GRI	Source	Rece	Source	Received
Jun 23, 2022	13:25 Ju	n 27, 2022 te Received	Jun 29	9, 2022 alvzed	Jun 29, 2022	Calgary	- Gerry Ec	cker - Reporter	
Other Information :				-					
		COMPOS	SITION				PROPE	RTIES	
	Mole F	raction			Calcula	ated Heating Va	alue @15	°C & 101.325 kF	Pa (<i>MJ/m³</i>) —
	Air Eroo	Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	t
Component	As Received	Free As Received	Volume mL / m³	Analysis	Air Free as	17.95		0.10	15.85
H,	0.00509	0.79454		0.00606	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	Iculated F)ensity	
N ₂	0.00043	0.06725		0.00044		Relative		A A	bsolute
CO2	0.99361	0.00000		0.99299	1.512	0.252		732.0	1.852
H₂S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C ₇ + Density	Total Sample
C ₁	0.00070	0.10875		0.00048	As Received	Gas Free		(Kg/m³)	Density (kg/m³)
C ₂	0.00004	0.00581	0.1	0.00000		Calculated P	'seudo Cr	itical Properties	
C3	0.00001	0.00226	0.1	0.00000	A	s Sampled		Acid Ga	as Free
iC4	0.00001	0.00230	0.1	0.00003	7341.73	302.62		1876.81	68.99
nC ₄	0.00001	0.00178	TRACE	0.00000	pPc (kPa)	рТс (К)	-	pPc (kPa)	рТс (К)
íC₅	0.00001	0.00134	TRACE	0.00000		Hydroge	en Sulfide	e (H₂S) (ppm)	
nC₅	0.00001	0.00198	0.1	0.00000	Field	d Value	La	boratory Value	g/m³
C ₆	0.00002	0.00362	0.1	0.00000	0				0.00
C ₇ +	0.00006	0.01039	0.4	0.00000	Stain Tube	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)
TOTAL	1.00000	1.00000	0.9	1.00000				(//0////2000/)	,
		1				— Calcula	ted Moleo	cular Weight	
WDMS Da	ta Verificat	ion Check	V			(พิเฮเซเซ			
					43.77 Total S	7 Cample		98.25 C ₇ + Fraction	
					Calcula 43.4 ² C₅+(kF	ted Vapour Pre 1 ^{ra)}	essure –	Gas Com 0.9943 @15 ℃ & 101.	oressibility

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

13000554B	EE140705621W4MF	ΊΤ	000189030	22ER893697A	22ER911802B	
Container Identification Sample Point Code		Meter Code	Meter Code AGAT WDMS Number		Laboratory Number	
ENHANCE ENERGY	(INC	METER	R 091-FIT- 0210	14-07	7-056-21W4	
Operator Name		Sampling	g Point	Unique	Well Identifier	
SCS14-7 CO2 METE	-091-FIT-0210					
Well Name		Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
36.2+	C ₆ +	Hexanes+	0.00008	0.01401	0.5014	
68.9+	C ₇ +	Heptanes+	0.00006	0.01039	0.3768	
98.6+	C ₈ +	Octanes+	0.00002	0.00423	0.1560	
125.8+	C₂+	Nonanes+	0.00000	0.00000	0.0000	
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000	
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
					As Dessived	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	AS Received Liquid Volume (mL/m³)	
68.9 - 98.6	C ₇	Heptanes	0.00004	0.00616	0.2207	
98.6 - 125.8	C ₈	Octanes	0.00002	0.00423	0.1560	
125.8 - 150.9	C۹	Nonanes	0.00000	0.00000	0.0000	
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000	
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
49.28	C₅	Cyclopentane	0.00000	0.00065	0.0204	
68.73	C6	n-Hexane	0.00001	0.00214	0.0755	
71.83	C6	Methylcyclopentane	0.00001	0.00147	0.0508	
80.06	C ₆	Benzene	0.00000	0.00040	0.0097	
80.78	C ₆	Cyclohexane	0.00001	0.00144	0.0484	
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00053	0.0238	
100.94	C ₇	Methylcyclohexane	0.00001	0.00172	0.0592	
110.61	C ₇	Toluene	0.00001	0.00089	0.0255	
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000	
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000	
169.34	C۶	1,2,4-Trimethylbenzen	e 0.00000	0.00000	0.0000	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:	1

04000486A Container Identifi	EE140 cation Sample	0705621W4M Point Code	FIT0210G	Meter Code	e	00018903 AGAT WDMS	0 S Number	22ER886123B Previous Number	22ER893697A Laboratory Number
ENHANCE ENERGY INC MI Operator Name Sa					IETER 091-Fl	T- 0210		14-07-056-2 Unique Well Ide	21W4 ntifier
SCS14-7 CC	2 METER -0	91-FIT-0210	We	ll License Well St	atus	Well Fluid	Status	LSD	
REDWATER		Ν	OT APPLI	CABLE		AGAT RED DE	ER	BA	
Field or Area		Po	ool or Zone			Sampler's Company	,	Name of Sample	ər
Test Interv	/al (mKB)				Elevation (m)	Pre	essure (kPa)	Tem	perature (°C)
From ·	To	Test Type	Test	No KE	B GRI		120	00 18	23
May 24, 202	2 0·20 M		Mov		May 20, 202		Svotlana		
Date/Time Sample	$\frac{29.30}{\text{led}}$	te Received	Date Ar	alyzed	Date Reported	Location - A	pproved By -	- <i>Title</i>	51
Other Information :									
		COMPOS	SITION				PROPE	RTIES	
	Mole F	raction			Calcula	ted Heating Va	alue @15	°C & 101.325 kF	Pa <i>(MJ/m³)</i>
	Air Free	Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	t
Component	As Received	Free As Received	Volume mL / m³	Analysis	Air Free as	13.53 Moisture &		0.08 Air Free as	11.65
H ₂	0.00606	0.86426		0.00698	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	Iculated F	Density	
N₂	0.00044	0.06286		0.00131		Relative		A	bsolute
CO2	0.99299	0.00000		0.99097	1.510	0.167		0.0	1.850
H₂S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C_7 + Density	Total Sample
C ₁	0.00048	0.06865		0.00072	AS Received				Density (kg/m²)
C ₂	0.00000	0.00000	0.0	0.00000		Calculated P	seudo Cr	ritical Properties	
C₃	0.00000	0.00000	0.0	0.00000	A 1	s Sampled		Acid G	as Free
<i>i</i> C₄	0.00003	0.00423	0.1	0.00000	7337.05	302.36		1681.05	51.43
nC₄	0.00000	0.00000	0.0	0.00000	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
iC₅	0.00000	0.00000	0.0	0.00000		Hydroge	n Sulfide	e (H₂S) (ppm)	
nC₅	0.00000	0.00000	0.0	0.00001	Field	l Value	La	boratory Value	g/m³
C6	0.00000	0.00000	0.0	0.00001				0	0.00
C ₇ +	0.00000	0.00000	0.0	0.00000	Stain Tube (GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504	;)
TOTAL	1.00000	1.00000	0.1	1.00000					<u> </u>
WDMS Da	ita Verificat	tion Check	\checkmark			Calcula (Moisture	ted Moleo Free asRe	cular Weight ceived) (g/mol)	
					43.74 Total S	1 cample		0.00 C ₇ + Fraction	
					Calcula	ted Vapour Pre	ssure –	Gas Com	pressibility —
					0.00			0.9943	-
					C₅+(kP	ra)	-	@15 °C & 101	.325 kPa

Disclaimer: The result in this report has been confirmed by a duplicate run.

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

04000486A	EE140705621W4MF	ΊΤ	000189030	22ER886123B	22ER893697A
Container Identification Sample Point Code		Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number
ENHANCE ENERGY	(INC	METER	R 091-FIT- 0210	14-07	-056-21W4
Operator Name		Sampling	g Point	Unique	Well Identifier
SCS14-7 CO2 METE	ER -091-FIT-0210				
Well Name		Well License Well Status	Well Fluid	Status LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C ₆ +	Hexanes+	0.00000	0.00000	0.0000
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000
98.6+	C ₈ +	Octanes+	0.00000	0.00000	0.0000
125.8+	C₀+	Nonanes+	0.00000	0.00000	0.0000
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C13+	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
					As Possived
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	Liquid Volume (mL/m³)
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000
98.6 - 125.8	C ₈	Octanes	0.00000	0.00000	0.0000
125.8 - 150.9	C,	Nonanes	0.00000	0.00000	0.0000
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C5	Cyclopentane	0.00000	0.00000	0.0000
68.73	C6	n-Hexane	0.00000	0.00000	0.0000
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000
80.06	C ₆	Benzene	0.00000	0.00000	0.0000
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000
110.61	C ₇	Toluene	0.00000	0.00000	0.0000
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000
144.42	Cs	o-Xylene	0.00000	0.00000	0.0000
169.34	C ₉	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

00012326B	EE14	0705621W4M	FIT0210G	Meter Co		00018903	0 Number	22ER869991E Previous Number	22ER886123B
	cauon sample		Sae Meter Code			AGAT WDMS	, wumper	I TEVIOUS INUITIDEI	Laboratory Nutriber
ENHANCE ENERGY INC M Operator Name S				METER 091-FIT Sampling Point	- 0210		14-07-056-2 Unique Well Ide	21W4 entifier	
SCS14-7 CC	D2 METER -C	91-FIT-0210							
Well Name			We	Il License Well S	Status	Well Fluid	Status	LSD	
REDWATER	2	Ν	IOT APPLI	CABLE		AGAT RED DE	ER	BB	
Field or Area		P	ool or Zone			Sampler's Company	· _ · ·	Name of Sample	er
Test Inter	val (mKB)	7			Elevation (m)	Pre	essure (kPa)	Terr	nperature (°C)
						1230	130	0 12	23
From :	10:	Test Type	Test	No. P	KB GRD	Source	Recei	ved Source	Received
Apr 21, 2022	$\frac{2}{100}$ $\frac{100}{100}$	or 22, 2022	Apr 27	7, 2022	Apr 27, 2022	Calgary	- Bernie Di	iep - Supervisor	
Other FIE	ELD H2S BY	TUBE = 0ppr	n: CO2 CC	NTENT = 99	10% (FREE A	JR)	рргочеа ву -	Tille	
Information :		·•== •pp.	.,						
		СОМРО	SITION				PROPE	RTIES	
	Mala	Fraction							
	WOIE		-	Mole Fraction of		Gross	aiue @15	°C & 101.325 K	Pa (<i>MJ/m³)</i> ——
Component	Air Free	Air & Acid Gas Free As	Liquid Volume	Previous	0.12	12.65		0.10	10.90
	AS Received	Received	mL / m³	Analysis	Air Free as	Moisture &		Air Free as	Moisture &
H₂	0.00698	0.77293		0.00751	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	lculated D	ensity	
N₂	0.00131	0.14539		0.00013		Relative		A	bsolute
CO2	0.99097	0.00000		0.99027	1.508	0.244		0.0	1.847
H₂S	0.00000	0.00000		0.00000	Moisture Free As Received	Moisture & Acid Gas Free		C7+ Density (kq/m³)	Total Sample Density (kg/m³)
C ₁	0.00072	0.07969		0.00085		Calculated P	seudo Cri	itical Properties	
C2	0.00000	0.00000	0.0	0.00003					
C₃	0.00000	0.00000	0.0	0.00002	A:	s Sampled		Acid G	as Free
<i>i</i> C₄	0.00000	0.00000	0.0	0.00002	7327.36	301.93		1883.12	60.15
nC₄	0.00000	0.00000	0.0	0.00002	pPc (kPa)	pIc(K)		pPc (kPa)	pic(K)
iC₅	0.00000	0.00055	TRACE	0.00002		Hydroge	n Sulfide	(H₂S) (ppm)	
nC₅	0.00001	0.00079	TRACE	0.00002	Field	Value	Lat	boratory Value	g/m³
C6	0.00001	0.00066	TRACE	0.00020	0				0.00
C ₇ +	0.00000	0.00000	0.0	0.00091	Stain Tube	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504	1)
TOTAL	1.00000	1.00000	0.1	1.00000					<i>י</i>
	1	1]	— Calcula	ted Molec	ular Weight	
						(Moisture	Free asRec	ceived) (g/mol)	
WDMS Da	ata Verifica	tion Check							
					43.68	ample		$\frac{0.00}{C_{a+}}$	
Exceeded	compare li	mits: N2. C7						0,+ 1 10001	
		, e r			Calculate	ed Vapour Pre	ssure –	Gas Com	pressibility —
					00 50			0.0044	
					<u>99.59</u> C₅+(kPa		_	@15 °C & 101	1.325 kPa
						-,			

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

00012326B	EE140705621W4MF	ΊΤ	000189030	22ER869991E	22ER886123B
Container Identification Sample Point Code		Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number
	(11)0				
ENHANCE ENERGY	Y INC	METER Sampling	R 091-FIT- 0210	<u>14-07</u> Unique	7-056-21VV4 Well Identifier
SCS14-7 CO2 METE Well Name	=R -091-FII-0210	Well License Woll Status	Well Fluid	Status LSD	
		Weil Status			
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C₅+	Hexanes+	0.00001	0.00066	0.0325
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000
98.6+	Cଃ+	Octanes+	0.00000	0.00000	0.0000
125.8+	C₂+	Nonanes+	0.00000	0.00000	0.0000
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000
174.3+	C ₁₁ +	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	I ridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	l etradecanes+	0.00000	0.00000	0.0000
					As Received
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	Liquid Volume
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000
98.6 - 125.8	C ₈	Octanes	0.00000	0.00000	0.0000
125.8 - 150.9	C,	Nonanes	0.00000	0.00000	0.0000
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
					As Dessived
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C₅	Cyclopentane	0.00000	0.00000	0.0000
68.73	C ₆	n-Hexane	0.00001	0.00066	0.0325
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000
80.06	C ₆	Benzene	0.00000	0.00000	0.0000
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000
110.61	C ₇	Toluene	0.00000	0.00000	0.0000
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000
169.34	C ₉	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

13000601E Container Identifi	EE140 cation Sample	705621W4MI Point Code	-IT0210G	Meter Code	е	00018903 AGAT WDMS	0 S Number	22ER867166A Previous Number	22ER869991 Laboratory Numbe
ENHANCE ENERGY INC More Same				IETER 091-FI	T- 0210		14-07-056-2 Unique Well Ide	1W4 ntifier	
SCS14-7 CC	2 METER -0	91-FIT-0210							
Well Name		01111 0210	We	Il License Well St	atus	Well Fluid	Status	LSD	
REDWATER		N		CABLE		AGAT RED DE	FR	BA	
Field or Area		Po	ol or Zone	0,0000		Sampler's Company	/	Name of Sample	ər
Test Interv	ral (mKB)]			Elevation (m)	Pr	essure (kPa)	Tem	perature (°C)
				N- ///		1230	12	50 8	22
From :	10:		rest		GRL	Source			Received
Mar 11, 2022 Date/Time Samp	2 9:45 Ma	ar 14, 2022 te Received	Mar 1	7, 2022 nalvzed	Mar 17, 2022	Calgary	- Bernie L	Diep - Supervisor	
, Other Information :							,, ,		
		COMPOS	SITION				PROPE	RTIES	
	Mole F	raction			Calcula	ited Heating Va	alue @15	°C & 101.325 kl	Pa (<i>MJ/m³</i>) —
	A := F == =	Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	t
Component	As Received	Free As Received	Volume mL / m³	Analysis	0.36	37.21 Moisturo 8		0.33	33.70 Moisturo 8
H ₂	0.00751	0.76978		0.00766	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	Iculated [Density	
N ₂	0.00013	0.01380		0.00018		Relative		A	bsolute
CO₂	0.99027	0.00000		0.99132	1.510	0.539		754.7	1.850
H₂S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C_7 + Density	Total Sample
C ₁	0.00085	0.08696		0.00080	As Received	Gas Free		(Kg/m³)	Density (kg/m³)
C ₂	0.00003	0.00350	0.1	0.00004		Calculated P	seudo Ci	ritical Properties	
C₃	0.00002	0.00184	0.1	0.00000	A	s Sampled		Acid G	as Free
<i>i</i> C₄	0.00002	0.00232	0.1	0.00000	7322.98	302.27	_	1840.12	113.92
nC₄	0.00002	0.00256	0.1	0.00000	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
iC₅	0.00002	0.00178	0.1	0.00000		Hydroge	n Sulfide	e (H₂S) (ppm)	
nC₅	0.00002	0.00207	0.1	0.00000	Field	l Value	La	boratory Value	g/m³
C ₆	0.00020	0.02087	1.1	0.00000					0.00
C ₇ +	0.00091	0.09452	5.3	0.00000	Stain Tube (GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)
TOTAL	1.00000	1.00000	7.0	1.00000		(0) / (0)		(, , , , , , , , , , , , , , , , , , ,	,
WDMS Da	ta Verificat	ion Check d				(Moisture	ted Mole Free asRe	cular Weight ceived) (g/mol)	
Even la l	P	nite: 07			43.73 Total S	3 ample		103.13 <i>C</i> ₇ + <i>Fraction</i>	
⊏xceeded	compare lir	nits: C/			Calculat	ted Vapour Pre	essure –	Gas Com	oressibilitv —
					20.1/	1		0 00/2	· · · · · · · · · · · · · · · · · · ·
						r		0.0042	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

13000601E	EE140705621W4MF	ΊΤ	000189030	22ER867166A	22ER869991E
Container Identification	Sample Point Code	Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number
ENHANCE ENERGY		METER	R 091-FIT- 0210	14-07	7-056-21\W4
Operator Name		Sampling	g Point	Unique	Well Identifier
SCS14-7 CO2 METE	-R -091-FIT-0210				
Well Name		Well License Well Status	Well Fluid	Status LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C ₆ +	Hexanes+	0.00111	0.11538	6.4286
68.9+	C ₇ +	Heptanes+	0.00091	0.09452	5.3183
98.6+	C ₈ +	Octanes+	0.00055	0.05708	3.2962
125.8+	C₂+	Nonanes+	0.00019	0.02075	1.3158
150.9+	C ₁₀ +	Decanes+	0.00005	0.00571	0.4013
174.3+	C11+	Undecanes+	0.00000	0.00053	0.0432
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C13+	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
					As Dessived
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	AS Received Liquid Volume (mL/m³)
68.9 - 98.6	C ₇	Heptanes	0.00036	0.03743	2.0221
98.6 - 125.8	C ₈	Octanes	0.00036	0.03634	1.9804
125.8 - 150.9	C₅	Nonanes	0.00014	0.01504	0.9145
150.9 - 174.3	C ₁₀	Decanes	0.00005	0.00504	0.3502
174.3 - 196.0	C11	Undecanes	0.00000	0.00053	0.0432
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml./m³)
49.28	C5	Cyclopentane	0.00001	0.00103	0.0488
68.73	C6	n-Hexane	0.00012	0.01259	0.6745
71.83	C ₆	Methylcyclopentane	0.00005	0.00528	0.2776
80.06	C ₆	Benzene	0.00004	0.00433	0.1577
80.78	C ₆	Cyclohexane	0.00009	0.00898	0.4595
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00001	0.00130	0.0879
100.94	C ₇	Methylcyclohexane	0.00013	0.01324	0.6933
110.61	C ₇	Toluene	0.00011	0.01098	0.4790
136.16	C ₈	Ethylbenzene	0.00001	0.00090	0.0452
138.33 ; 139.09	C ₈	m&p-Xylene	0.00004	0.00390	0.1972
144.42	C ₈	o-Xylene	0.00001	0.00131	0.0647
169.34	C ₉	1,2,4-Trimethylbenzen	e 0.00001	0.00067	0.0437

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

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05003731A Container Identifi	EE140 cation Sample	705621W4M Point Code	FIT0210G	Meter Cod	е	00018903 AGAT WDMS	30 S Number	22ER856651A Previous Number	22ER867166A Laboratory Number
ENHANCE E	ENERGY INC			<u>N</u>	IETER 091-FIT ampling Point	Г- 0210		14-07-056-2 Unique Well Ider	1W4
SCS14-7 CC	02 METER -0	91-FIT-0210	Wel	License Well S	tatus	Well Fluid	l Status	LSD	
REDWATER Field or Area Test Inter	val (mKB)	N P	OT APPLI		Elevation (m)	AGAT RED DE Sampler's Company Pr 1230	EER / essure (kPa) 13!	BA/BB Name of Sample Temp 50 9	r berature (°C) 21
From :	10:	Test Type	Test	No. Ki	B GRD	Source	Rece	lived Source	Received
Feb 25, 2022	$\frac{28:50}{100}$ Fe	b 28, 2022	Mar 04	1, 2022	Mar 04, 2022	Calgary	- Gerry Ec	cker - Reporter	
Other O2 Information :	= 138 ppm		Date An	aiyzeu		Location - A		The	
	[COMPOS	SITION				PROPE	RTIES	
	Mole F	Air & Acid Gas	Liquid	Mole Fraction of Previous	Calcula	ted Heating Va Gross	alue @15	°C & 101.325 kF	Pa (MJ/m ³)
Component	As Received	Free As Received	Volume mL / m ³	Analysis	Air Free as	14.47 Moisture &		0.11 Air Free as	12.48 Moisture &
H₂	0.00766	0.88164		0.00649	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	Iculated E	Density	
N₂	0.00018	0.02126		0.00077		Relative		A	bsolute
CO2	0.99132	0.00000		0.98760	1.508	0.139		0.0	1.847
H₂S	0.00000	0.00000		0.00000	As Received	Moisture & Acid Gas Free		C7+ Density (kg/m³)	Total Sample Density (kg/m³)
C ₁	0.00080	0.09160		0.00061		Calculated P	seudo Cr	itical Properties	
C ₂	0.00004	0.00494	0.2	0.00008		c Somplad		Acid Ga	as Fraa
C₃	0.00000	0.00056	TRACE	0.00002	A	s Sampled			
íC ₄	0.00000	0.00000	0.0	0.00006	$\frac{7327.52}{pPc (kPa)}$	$\frac{301.93}{pTc(K)}$	-	$\frac{1679.27}{pPc (kPa)}$	$\frac{51.12}{pTc(K)}$
nC₄	0.00000	0.00000	0.0	0.00028		<i>pro</i> (<i>i</i> .)	0.10.1		protity
<i>I</i> C₅	0.00000	0.00000	0.0	0.00072	Field	– Hydroge	en Sulfide	(H_2S) (ppm) =	()
nC₅	0.00000	0.00000	0.0	0.00096	Field	value	La	boratory value	g/m³
C6	0.00000	0.00000	0.0	0.00093	Stain Tube	Tutwoilor	Othor	GC-SCD	0.00
C ₇ +	0.00000	0.00000	0.0	0.00148	(GPA 2377)	(GPA C1)	Ouler	(ASTM D5504)	
TOTAL	1.00000	1.00000	0.2	1.00000					
WDMS Da	ita Verificat	ion Check				— Calcula (Moisture	ted Moleo Free asRe	cular Weight ceived) (g/mol)	
Exceeded	compare lir	nits: IC5. NO	C5. C6. C7		43.66 Total Sa	ample		0.00 C ₇ + Fraction	
	-ompare in		,,		Calculat	ed Vapour Pre	essure –	Gas Comp	pressibility —
					$\frac{0.00}{C_{-+}/\nu_{P_{i}}}$	7)	_	U.9944 @15 ℃ & 101	325 kPa
						~,			

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

05003731A Container Identification	EE140705621W4MF Sample Point Code	IT Meter Code	000189030 AGAT WDMS Number	22ER856651A Previous Number	22ER867166A Laboratory Number
ENHANCE ENERGY	Y INC	METER Sampling	R 091-FIT- 0210	<u>14-07</u> Unique	7-056-21W4 Well Identifier
	EP -001-EIT-0210				
Well Name		Well License Well Status	Well Fluid	Status LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml /m³)
36.2+	C ₆ +	Hexanes+	0.00000	0.00000	0.0000
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000
98.6+	C ₈ +	Octanes+	0.00000	0.00000	0.0000
125.8+	C₂+	Nonanes+	0.00000	0.00000	0.0000
150.9+	C10+	Decanes+	0.00000	0.00000	0.0000
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000
98.6 - 125.8	C ₈	Octanes	0.00000	0.00000	0.0000
125.8 - 150.9	C ₉	Nonanes	0.00000	0.00000	0.0000
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C₅	Cyclopentane	0.00000	0.00000	0.0000
68.73	C6	n-Hexane	0.00000	0.00000	0.0000
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000
80.06	C ₆	Benzene	0.00000	0.00000	0.0000
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000
110.61	C ₇	Toluene	0.00000	0.00000	0.0000
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000
138.33 ; 139.09	C _s	m&p-Xylene	0.00000	0.00000	0.0000
144.42	Cs	o-Xylene	0.00000	0.00000	0.0000
169.34	C9	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Ve	rsion:	1
•••		

05003080A Container Identifi	EE140	0705621W4MI Point Code	FIT0210G	Meter Code	9	00018903	0 S Number	21ER848629A Previous Number	22ER856651A Laboratory Number
ENHANCE E				M	IETER 091-FI	T- 0210		14-07-056-2	1W4
Operator Name				Sa	ampling Point			Unique Well Ide	ntifier
SCS14-7 CC	2 METER -0	91-FIT-0210							
Well Name		01111 0210	We	Il License Well St	atus	Well Fluid	Status	LSD	
		N					ED	ΒA	
Field or Area			ol or Zone	CABLE		Sampler's Company	.LIX	Name of Sample	ər
Test Inter	/al (mKB)	7			Elevation (m)	Pre	essure (kPa)	Tem	perature (°C)
						1240	126	50 10	23
From :	To:	Test Type	Test	No. KE	3 GRL	D Source	Recei	ved Source	Received
Jan 26, 2022	9:10 Ja	n 28, 2022	Feb 0	3, 2022	Feb 03, 2022	2 Calgary	- Svetlana	Nikolic - Reporte	er
Other LA	B CO2 BY G	C = 93.21%	Dale Ar	ayzeu	Date Reported	Location - A	рргочеа ву -	The	
		COMPOS	SITION				PROPER	RTIES	
	Mole F	raction			Calcula	ated Heating Va	alue @15	°C & 101.325 ki	Pa <i>(MJ/m³)</i> —
	Air Eroo	Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	t
Component	As Received	Free As Received	Volume mL / m³	Analysis	0.86	69.44		0.80	64.26
H ₂	0.00649	0.52384		0.00709	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	lculated D	ensity	
N ₂	0.00077	0.06231		0.00243		Relative		A	bsolute
CO2	0.98760	0.00000		0.98955	1.515	1.151		733.6	1.856
H₂S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C_7 + Density	Total Sample
C ₁	0.00061	0.04933		0.00068	As Received	Gas Free		(kg/m³)	Density (kg/m³)
C ₂	0.00008	0.00633	0.3	0.00000		Calculated P	seudo Cri	itical Properties	
C₃	0.00002	0.00127	0.1	0.00001	A	s Sampled		Acid G	as Free
<i>i</i> C₄	0.00006	0.00487	0.3	0.00008	7313.76	303.03		2274.48	215.44
nC₄	0.00028	0.02283	1.2	0.00004	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
iC₅	0.00072	0.05848	3.5	0.00000		Hydroge	n Sulfide	(H₂S) (ppm)	
nC₅	0.00096	0.07720	4.6	0.00000	Field	l Value	Lal	boratory Value	g/m³
C ₆	0.00093	0.07623	5.1	0.00001				0	0.00
C ₇ +	0.00148	0.11730	8.2	0.00011	Stain Tube (GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)
TOTAL	1.00000	1.00000	23.3	1.00000		(0) / 0 //		(,	/
		1]	<u> </u>			— Calcula	ted Molec	ular Weight	,
						(Moisture	Free asRed	ceived) (g/mol)	
WDMS Da	ta Verificat	ion Check			40.00	`		00 50	
					43.88 Total S	o Cample		98.58 C7+ Fraction	
Exceeded	compare lir	nits: IC5, NC	5, C6, C7	7	L				
					Calculat	ted Vapour Pre	ssure –	Gas Com	pressibility
					68.97	7		0.9940	
					C₅+(kP	Pa)		@15 °C & 101	.325 kPa

Disclaimer: The result in this report has been confirmed by a duplicate run.

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

05003080A	EE140705621W4MF	ΊΤ	000189030	21ER848629A	22ER856651A
Container Identification	Sample Point Code	Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number
ENHANCE ENERGY	(INC	METER	R 091-FIT- 0210	14-07	7-056-21W4
Operator Name		Sampling	g Point	Unique	Well Identifier
SCS14-7 CO2 METE	ER -091-FIT-0210				
Well Name		Well License Well Status	Well Fluid	Status LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C ₆ +	Hexanes+	0.00241	0.19354	13.3624
68.9+	C ₇ +	Heptanes+	0.00148	0.11730	8.2396
98.6+	C ₈ +	Octanes+	0.00059	0.04700	3.3434
125.8+	C₂+	Nonanes+	0.00005	0.00352	0.2689
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
					As Received
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	Liquid Volume (mL/m ³)
68.9 - 98.6	C ₇	Heptanes	0.00089	0.07030	4.8963
98.6 - 125.8	C ₈	Octanes	0.00054	0.04348	3.0744
125.8 - 150.9	C۹	Nonanes	0.00005	0.00352	0.2689
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000
174.3 - 196.0	C11	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume
49.28	C₅	Cyclopentane	0.00009	0.00766	0.4625
68.73	C ₆	n-Hexane	0.00042	0.03422	2.3279
71.83	C6	Methylcyclopentane	0.00016	0.01279	0.8536
80.06	C ₆	Benzene	0.00008	0.00625	0.2894
80.78	C ₆	Cyclohexane	0.00016	0.01277	0.8305
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00005	0.00376	0.3232
100.94	C ₇	Methylcyclohexane	0.00025	0.01991	1.3242
110.61	C ₇	Toluene	0.00010	0.00834	0.4621
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000
138.33 ; 139.09	C ₈	m&p-Xylene	0.00002	0.00126	0.0812
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000
169.34	C9	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:	1

13000553B	EE04	1705621W4M	FIT4116G	Motor Coo	10	00020185	9 Number	22ER945731A	22ER974233B
Container Identifi	ication Sample	Point Code		Meter Coo	16	AGAT WDMS	SNumber	Previous Number	Laboratory Number
ENHANCE E	ENERGY INC			<u>N</u>	METER FIT-41 [*] Sampling Point	16		04-17-056-2 Unique Well Ide	21W4 ntifier
RCRF 4-17 (CO2 METER	-FIT-4116							
Well Name	002 1121210		Wel	License Well S	Status	Well Fluid	Status	LSD	
)	N					ED	BA/BB	
Field or Area	•	P	ool or Zone			Sampler's Company	, LIX	Name of Sample	ər
Test Inter	val (mKB)	7			Elevation (m)	Pre	essure (kPa)	Tem	perature (°C)
						4200	115	00 -10	21
From :	To:	Test Type	Test	No. K	GRL	D Source	Recei	ived Source	Received
Nov 28, 202	2 11:10 No	ov 29, 2022	Dec 0	5, 2022	Dec 05, 2022	2 Calgary	- Gerry Ec	ker - Reporter	
Date/Time Samp	led Da	te Received	Date An	alyzed	Date Reported	Location - A	pproved By -	litle	
Other Information :									
		COMPO	SITION				PROPER	RTIES	
	Mole	Fraction			Calavia			00 8 404 005 M	
	Mole I			Mole Fraction of	Calcula	Gross	alue @15	C & 101.325 Ki Ne	⁻ a (<i>IVIJ/III^s)</i>
Component	Air Free	Air & Acid Gas Free As	Liquid Volume	Previous	0.06	10.52		0.05	9.00
	AS Received	Received	mL / m ³	Analysis	Air Free as	Moisture &		Air Free as	Moisture &
H₂	0.00419	0.74690		0.00866	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	lculated D	ensity	
N₂	0.00124	0.22063		0.00168		Relative		A	bsolute
CO2	0.99439	0.00000		0.98953	1.513	0.288		0.0	1.853
H₂S	0.00000	0.00000		0.00000	As Received	Moisture & Acid Gas Free		C ₇ + Density (kg/m ³)	Total Sample Density (kg/m³)
C ₁	0.00016	0.02851		0.00013		Calculated P	seudo Cri	itical Properties	
C2	0.00000	0.00000	0.0	0.00000					
C₃	0.00001	0.00193	TRACE	0.00000	A	s Sampled		Acia G	as Free
<i>i</i> C ₄	0.00001	0.00143	TRACE	0.00000	7346.14	302.76		1878.23	59.62
<i>n</i> C₄	0.00000	0.00060	TRACE	0.00000	рРс (кРа)	ріс (К)		рРс (кРа)	ріс (К)
iC₅	0.00000	0.00000	0.0	0.00000		Hydroge	n Sulfide	(H₂S) (ppm)	
nC₅	0.00000	0.00000	0.0	0.00000	Field	l Value	Lat	boratory Value	g/m³
C6	0.00000	0.00000	0.0	0.00000	0				0.00
C ₇ +	0.00000	0.00000	0.0	0.00000	Stain Tube (GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504	!)
TOTAL	1.00000	1.00000	0.1	1.00000		. ,			,
							ted Molec	ular Weight	
WDMS Da	ata Verifica	tion Check	\checkmark			(Moisture	Free asRed	ceived) (g/mol)	
					43.81 Total S	l ample		0.00 C ₇ + Fraction	
					Calculat	ted Vapour Pre	ssure –	Gas Com	pressibility —
					0.00	·		0 9943	•
					C₅+(kP	ra)	-	@15 °C & 101	.325 kPa
					1	•			

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

13000553B	EE041705621W4MF	ΠT	000201859	22ER945731A	22ER974233B
Container Identification	Sample Point Code	Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number
ENHANCE ENERGY	(INC	METER	R FIT-4116	04-17	∕-056-21\W4
Operator Name		Sampling	Point	Unique	Well Identifier
RCRE 4-17 CO2 ME	TER-FIT-4116				
Well Name		Well License Well Status	Well Fluid	Status LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C ₆ +	Hexanes+	0.00000	0.00000	0.0000
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000
98.6+	C ₈ +	Octanes+	0.00000	0.00000	0.0000
125.8+	C₀+	Nonanes+	0.00000	0.00000	0.0000
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000
174.3+	C ₁₁ +	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000
98.6 - 125.8	C ₈	Octanes	0.00000	0.00000	0.0000
125.8 - 150.9	C9	Nonanes	0.00000	0.00000	0.0000
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C₅	Cyclopentane	0.00000	0.00000	0.0000
68.73	C6	n-Hexane	0.00000	0.00000	0.0000
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000
80.06	C6	Benzene	0.00000	0.00000	0.0000
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000
110.61	C ₇	Toluene	0.00000	0.00000	0.0000
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000
169.34	C,	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:	1
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05003372A Container Identifi	EE041 cation Sample	705621W4M Point Code	FIT4116G	Meter Code	е	00020185 AGAT WDMS	59 S Number	22ER937524A Previous Number	22ER945731A Laboratory Number
ENHANCE E		;		<u>N</u>	IETER FIT-411 ampling Point	6		04-17-056-2 Unique Well Ider	1W4 ntifier
RCRF 4-17 (Well Name	CO2 METER	-FIT-4116	We	II License Well St	tatus	Well Fluid	l Status	LSD	
REDWATER		N		CABLE			ER	BA)r
Test Inter	val (mKB)				Elevation (m)	Pr	, essure (kPa) -		perature (°C)
						4100	650	0 -10	21
From :	To:	Test Type	Test	No. KE	B GRD	Source	Receiv	ved Source	Received
Sep 21, 2022	2 9:45 Se	ep 22, 2022	Sep 2	7, 2022	Sep 27, 2022	Calgary	- Gerry Ecl	ker - Reporter	
Date/Time Samp	led Da	te Received	Date Ar	nalyzed	Date Reported	Location - A	Approved By -	Title	
Other Information :									
		СОМРОЗ	SITION				PROPER	RTIES	
	Mole F	raction			Calculat	ted Heating Va	alue @15 '	°C & 101.325 kF	Pa (<i>MJ/m³</i>) ——
		Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	t
Component	Air Free As Received	Free As Received	Volume mL / m ³	Analysis	0.11	10.45		0.09	8.88
Ha	0 00866	0.82705		0.00796	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	loulated D	opcity	
N ₂	0.00168	0.16046		0.00171		Relative		A A	bsolute
CO ₂	0.98953	0,00000		0.99019	1 506	0 220		0.0	1 845
H ₂ S	0.00000	0.00000		0,00000	Moisture Free	Moisture & Acid		$\frac{C_{10}}{C_{7}+Density}$	Total Sample
C ₁	0.00013	0.01249		0.00014	As Received	Gas Free		(kg/m³)	Density (kg/m ³)
C ₂	0.00000	0.00000	0.0	0.00000		Calculated P	seudo Crit	tical Properties	
C ₃	0.00000	0.00000	0.0	0.00000	As	s Sampled		Acid Ga	as Free
iC4	0.00000	0.00000	0.0	0.00000	7317.46	301.47		1689.93	50.09
nC₄	0.00000	0.00000	0.0	0.00000	pPc (kPa)	рТс (К)	-	pPc (kPa)	рТс (К)
iC ₅	0.00000	0.00000	0.0	0.00000		Hvdroge	en Sulfide	(H ₂ S) (ppm)	
nC ₅	0.00000	0.00000	0.0	0.00000	Field	Value	Lab	oratory Value	g/m³
C ₆	0.00000	0.00000	0.0	0.00000	0				0.00
C ₇ +	0.00000	0.00000	0.0	0.00000	Stain Tube	Tutweiler	Other	GC-SCD	-
τοται	1 00000	1 00000	0.0	1 00000	(GPA 2377)	(GPA C1)		(ASTM D5504))
TOTAL	1.00000	1.00000	0.0	1.00000		<u> </u>			
WDMS Da	ata Verifica [.]	tion Check	\checkmark			(Moisture	Free asRec	eived) (g/mol)	
					43.62 Total Sa	ample		0.00 C ₇ + Fraction	
					Calculate	ed Vapour Pre	essure –	Gas Com	pressibility —
					0.00			0.9944	
					C₅+(kPa	1)		@15 °C & 101.	.325 kPa

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

05003372A Container Identification	EE041705621W4MF Sample Point Code	IT Meter Code	000201859 AGAT WDMS Number	22ER937524A Previous Number	22ER945731A Laboratory Number	
ENHANCE ENERGY INC		METEF Sampling	R FIT-4116 Point	04-17-056-21W4 Unique Well Identifier		
RCRF 4-17 CO2 ME	TER-FIT-4116					
Well Name		Well License Well Status	Well Fluid	Fluid Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
36.2+	C ₆ +	Hexanes+	0.00000	0.00000	0.0000	
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000	
98.6+	C ₈ +	Octanes+	0.00000	0.00000	0.0000	
125.8+	C₂+	Nonanes+	0.00000	0.00000	0.0000	
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000	
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume	
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000	
98.6 - 125.8	Cs	Octanes	0.00000	0.00000	0.0000	
125.8 - 150.9	C۹	Nonanes	0.00000	0.00000	0.0000	
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000	
174.3 - 196.0	C11	Undecanes	0.00000	0.00000	0.0000	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml /m³)	
49.28	C₅	Cyclopentane	0.00000	0.00000	0.0000	
68.73	C ₆	n-Hexane	0.00000	0.00000	0.0000	
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000	
80.06	C6	Benzene	0.00000	0.00000	0.0000	
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000	
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000	
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000	
110.61	C ₇	Toluene	0.00000	0.00000	0.0000	
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000	
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000	
169.34	C ₉	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

130011724	FF04	1705621W/4M	FIT4116G			00020185		22ER915639B	22ER9375244
Container Identifi	ication Sample	Point Code	Code Meter Code			AGAT WDMS	S Number	Previous Number	Laboratory Number
			METER FIT-4116			04-17-056-21W4			
operator Hame					sampinig romi			ernque rren rue	
RCRF 4-17 (CO2 METER	-FIT-4116		14/2/19	N= (04-4-4-		
well Name			We	II LICENSE VVEII S	Status	weii Fiuld	Status	LSD	
REDWATER	2	Ν	OT APPLI	CABLE		AGAT RED DE	ER	BA	
Field or Area		Po	ool or Zone			Sampler's Company		Name of Sample	ər
Test Interval (mKB)			Elevation (m)			/100 5100		perature (°C)	
From :	То:	Test Type		No. K	B GRL	2 4100 Source	510	JU -10 ived Source	21
Aug 30, 202	2 9 55 Se	n 01 2022	Sep (Sep 07 2022 Sep 07 2022		Calgary	- Gerry Ecker - Reporter		
Date/Time Samp	led Da	te Received	Date Ar	nalyzed	Date Reported	Location - A	Approved By -	Title	
Other CC	: 22CLV001								
Information :									
		COMPOS						DTIES	
		COMPOS			1		FROFE	KIIE3	
	Mole F	Fraction			Calcula	ated Heating Va	alue @15	°C & 101.325 kl	Pa <i>(MJ/m³)</i> ——
Component	Air Free	Air & Acid Gas	Liquid	Mole Fraction of Previous	0.40	Gross		Ne	et 0.77
Component	As Received	Received	mL / m ³	Analysis	Air Free as	Moisture &		Air Free as	8.77 Moisture &
H₂	0.00796	0.81126		0.00917	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	Iculated D	Density	
N₂	0.00171	0.17481		0.00209		Relative		A	bsolute
CO2	0.99019	0.00000		0.98626	1.507	0.233		0.0	1.846
H₂S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C_7 + Density (kg/m ³)	Total Sample
C ₁	0.00014	0.01393		0.00013			coudo Cr		
C2	0.00000	0.00000	0.0	0.00000		Calculated P	Seudo Ci		_
C₃	0.00000	0.00000	0.0	0.00000	A	s Sampled		Acid G	as Free
<i>i</i> C₄	0.00000	0.00000	0.0	0.00000	7321.56	301.65		1724.52	51.65
nC₄	0.00000	0.00000	0.0	0.00000	pPc (kPa)	p1c (K)		pPc (kPa)	pTc (K)
iC₅	0.00000	0.00000	0.0	0.00000		—— Hydrogen Sulfide (H₂S) (ppm)			
nC₅	0.00000	0.00000	0.0	0.00000	Field	d Value	La	boratory Value	g/m³
C ₆	0.00000	0.00000	0.0	0.00000					0.00
C ₇ +	0.00000	0.00000	0.0	0.00235	(GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504	.)
TOTAL	1.00000	1.00000	0.0	1.00000		. ,		X	,
	1	1			¹	— Calcula	ted Moleo	cular Weight	
						(Moisture	Free asRe	ceived) (g/mol)	
WDMS Da	ita Verifica	tion Check				4		0.00	
					43.64 Total S	+ Cample		U.UU C ₇ + Fraction	
Exceeded	compare li	mits: C7							
	-				Calculat	ted Vapour Pre	essure –	Gas Com	pressibility —
				0.00 0.9944			-		
					C₅+(kPa) @15 °C & 101.325 kPa			.325 kPa	
					1				

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

13001172A EE041705621W4MFIT Container Identification Sample Point Code		ΊΤ	000201859	22ER915639B	22ER937524A		
		Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number		
		METER	D EIT 4116	04-17	-056-21\\//		
Operator Name		Sampling	Point	U4-17 Unique	U4-17-056-21VV4 Unique Well Identifier		
Well Name	1ER-F11-4110	Well License Well Status	Well Fluid	Status LSD			
					As Received		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	Liquid Volume (mL/m ³)		
36.2+	C ₆ +	Hexanes+	0.00000	0.00000	0.0000		
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000		
98.6+	Cଃ+	Octanes+	0.00000	0.00000	0.0000		
125.8+	C₂+	Nonanes+	0.00000	0.00000	0.0000		
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000		
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000		
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000		
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000		
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml /m³)		
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000		
98.6 - 125.8	Cs	Octanes	0.00000	0.00000	0.0000		
125.8 - 150.9	C۹	Nonanes	0.00000	0.00000	0.0000		
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000		
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000		
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000		
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000		
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000		
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000		
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml /m³)		
49.28	C₅	Cyclopentane	0.00000	0.00000	0.0000		
68.73	C ₆	n-Hexane	0.00000	0.00000	0.0000		
71.83	C6	Methylcyclopentane	0.00000	0.00000	0.0000		
80.06	C6	Benzene	0.00000	0.00000	0.0000		
80.78	C6	Cyclohexane	0.00000	0.00000	0.0000		
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000		
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000		
110.61	C ₇	Toluene	0.00000	0.00000	0.0000		
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000		
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000		
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000		
169.34	C ₉	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000		

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

04000832B	FF04	1705621W4M	FIT4116G			00020185	9	22ER911802A	22ER915639B
Container Identifi	cation Sample	mple Point Code Meter Code			9	AGAT WDMS	S Number	Previous Number	Laboratory Number
	ENERGY INC	,		<u>M</u>	IETER FIT-41	16		04-17-056-2	21W4
Operator Name				08	ampning i omi			Onique Weinder	initia
RCRF 4-17 (CO2 METER	-FIT-4116			·		<u></u>		
Well Name			We	Il License Well St	atus	Well Fluid	Status	LSD	
REDWATER		Ν	OT APPLI	CABLE		AGAT RED DE	ER	BA	
Field or Area Pool or Zone			Sampler's Company			Name of Sample	ər		
Test Inter	val (mKB)	7			Elevation (m)	Pre	essure (kPa)	Tem,	perature (°C)
From :	То:	Test Type	Test	No. KE	B GRL	0 4050 Source	700	00 -10 sived Source	23
.lul 22, 2022	9·30 .lı	ll 25 2022	Jul 20	20 2022 Jul 20 2022		Grande F	e Prairie - Yonghui Sun - Laboratory		
Date/Time Samp	led Da	te Received	Date Ar	nalyzed	Date Reported	Location - A	pproved By -	- Title	· · · · · · · · · · · · · · · · · · ·
Other CC	: 22CLV001								
Information :									
		COMPOS	SITION				PROPE	RTIES	
	Mole F	raction					luo @15	°C 9 101 225 kr	Do (M 1/m3)
				Mole Fraction of	Calcula	Gross		C & 101.325 Kr	t
Component	Air Free	Air & Acid Gas Free As	Volume	Previous	0.61	44.32		0.55	39.83
	As Necelled	Received	mL / m³	Analysis	Air Free as	Moisture &		Air Free as	Moisture &
H ₂	0.00917	0.66690		0.01686	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Cal	culated D	Density	
N ₂	0.00209	0.15169		0.00292		Relative		A	bsolute
CO2	0.98626	0.00000		0.97900	1.510	0.844		807.1	1.850
H₂S	0.00000	0.00000		0.00000	As Received	Gas Free		(kg/m ³)	Density (kg/m³)
C ₁	0.00013	0.00977		0.00022		Calculated P	seudo Cr	itical Properties	
C ₂	0.00000	0.00000	0.0	0.00000				Acid G	as Eroo
C₃	0.00000	0.00000	0.0	0.00000	A	is Sampled		Acia Ga	as riee
<i>i</i> C₄	0.00000	0.00000	0.0	0.00000	7303.21	301.96		2010.59	146.41
nC₄	0.00000	0.00000	0.0	0.00000	рес (кеа)	<i>ртс</i> (К)		рес (кеа)	
iC₅	0.00000	0.00000	0.0	0.00000	Hydrogen Sulfide (H₂S) (ppm)				
nC₅	0.00000	0.00000	0.0	0.00000	Field	l Value	La	boratory Value	g/m³
C ₆	0.00000	0.00000	0.0	0.00000	0				0.00
C ₇ +	0.00235	0.17164	13.5	0.00100	Stain Tube (GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)
TOTAL	1.00000	1.00000	13.5	1.00000					
	I					— Calcula	ted Moleo	cular Weight	
						(Moisture	Free asRe	ceived) (g/mol)	
WDIVIS Da	ita verificat	tion Check			10 7	1		100 07	
				43.74 108.87 Total Sample C ₇ + Fraction					
Exceeded	compare li	mits: C7							
·				Calculated Vapour Pressure – Gas Compressibility –				pressibility —	
				4.47 0.9940					
				C₅+(kPa) @15 °C & 101.325 kPa			.325 kPa		
					1				

Disclaimer: The result in this report has been confirmed by a duplicate run.

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual
PROPERTIES OF C6+ FRACTION

Version: 1

04000832B	EE041705621W4MF	ΊΤ	000201859	22ER911802A	22ER915639B	
Container Identification Sample Point Code		Meter Code	Meter Code AGAT WDMS Number		Laboratory Number	
ENHANCE ENERGY	(INC	METER	R FIT-4116	04-17	7-056-21W4	
Operator Name		Sampling	Point	Unique	Well Identifier	
RCRF 4-17 CO2 ME	TER-FIT-4116					
Well Name		Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
36.2+	C ₆ +	Hexanes+	0.00235	0.17164	13.4624	
68.9+	C ₇ +	Heptanes+	0.00235	0.17164	13.4624	
98.6+	C ₈ +	Octanes+	0.00235	0.17164	13.4624	
125.8+	C₂+	Nonanes+	0.00120	0.08796	7.9565	
150.9+	C ₁₀ +	Decanes+	0.00032	0.02349	2.3731	
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000	
98.6 - 125.8	C ₈	Octanes	0.00115	0.08368	5.5059	
125.8 - 150.9	C۹	Nonanes	0.00088	0.06448	5.5834	
150.9 - 174.3	C ₁₀	Decanes	0.00032	0.02349	2.3731	
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
49.28	C₅	Cyclopentane	0.00000	0.00000	0.0000	
68.73	C ₆	n-Hexane	0.00000	0.00000	0.0000	
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000	
80.06	C ₆	Benzene	0.00000	0.00000	0.0000	
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000	
99.24	Cs	2,2,4-Trimethylpentane	9 0.00000	0.00000	0.0000	
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000	
110.61	C ₇	Toluene	0.00100	0.07256	4.4612	
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00029	0.02106	1.5000	
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000	
169.34	C9	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

•	•			I.				Version: 1
05002786A	EE042	705621W4M	FIT4116G			000201859	22ER893697B	22ER911802A
Container Identifi	cation Sample	Point Code		Meter Code	9	AGAT WDMS Numbe	r Previous Number	Laboratory Number
ENHANCE E		;		Μ	IETER FIT-41	16	04-17-056-	21W4
Operator Name				Sa	ampling Point		Unique Well Id	entifier
RCRF 4-17 (CO2 METER	-FIT-4116						
Well Name			We	Il License Well St	atus	Well Fluid Status	LSD	
REDWATER		N	OT APPLI	CABLE		AGAT RED DEER	BA	
Field or Area		Po	ool or Zone			Sampler's Company	Name of Samp	ler
Test Inter	val (mKB)	7			Elevation (m)	Pressure (k	(Pa) Tei	mperature (°C)
						4050	6100 -10	21
From :	To:	Test Type	Test	No. KE	B GRI	D Source H	Received Source	e Received
Jun 23, 2022	2 13:45 Ju	in 27, 2022	Jun 2	9, 2022	Jun 29, 2022	2 Calgary - Gerry	/ Ecker - Reporter	
Date/Time Samp	led Da	te Received	Date Ar	alyzed	Date Reported	Location - Approved	By - Title	
Other Information :								
		COMPOS	SITION			PRO	PERTIES	
	Mole F	raction			Calcula	ated Heating Value @	215 °C & 101.325 k	(Pa <i>(MJ/m³</i>) ——
		Air & Acid Gas	Liquid	Mole Fraction of		Gross	N	et
Component	Air Free	Free As	Volume	Previous	0.43	20.14	0.37	17.72
	AS Received	Received	mL / m³	Analysis	Air Free as	Moisture &	Air Free as	Moisture &
H₂	0.01686	0.80248		0.01484	Received	Acid Gas Free	Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Calculate	d Density —	
N ₂	0.00292	0.13890		0.00280		Relative		Absolute
CO ₂	0.97900	0.00000		0.98220	1.496	0.377	803.9	1.832
H ₂ S	0,0000	0.00000		0.0000	Moisture Free	Moisture & Acid	C ₇ + Density	Total Sample
	0.00000	0.00000		0.00000				

(kg/m³) 0.00022 0.00016 C_1 0.01057 **Calculated Pseudo Critical Properties** C2 0.00000 0.00000 0.0 0.00000 As Sampled Acid Gas Free C₃ 0.00000 0.00000 0.0 0.00000 *i*C₄ 0.00000 0.00000 0.0 0.00000 7258.41 299.32 1732.91 75.06 pPc (kPa) рТс (К) pPc (kPa) pTc (K) nC₄ 0.00000 0.00000 0.0 0.00000 iC₅ 0.00000 0.0 0.00000 0.00000 Hydrogen Sulfide (H₂S) (ppm) Laboratory Value Field Value nC₅ 0.00000 0.00000 0.0 0.00000 g/m³ C6 0.00000 0.00000 0.0 0.00000 0.00 0 Stain Tube GC-SCD Tutweiler Other 0.00100 0.00000 C7+ 0.04805 5.8 (GPA 2377) (GPA C1) (ASTM D5504) TOTAL 1.00000 1.00000 5.8 1.00000 Calculated Molecular Weight (Moisture Free asReceived) (g/mol) WDMS Data Verification Check 43.31 109.26 Total Sample C₇+ Fraction Exceeded compare limits: C7 Calculated Vapour Pressure Gas Compressibility 4.08 0.9943

As Received

Gas Free

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

 $C_{s}+(kPa)$

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

@15 °C & 101.325 kPa

Density (kg/m3)

PROPERTIES OF C6+ FRACTION

Version: 1

05002786A	EE041705621W4MF	ΊΤ	000201859	22ER893697B	22ER911802A	
Container Identification Sample Point Code		Meter Code	Meter Code AGAT WDMS Number		Laboratory Number	
ENHANCE ENERGY	(INC	METER	R FIT-4116	04-17	7-056-21W4	
Operator Name		Sampling	g Point	Unique	Well Identifier	
RCRF 4-17 CO2 ME	TER-FIT-4116					
Well Name		Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
36.2+	C ₆ +	Hexanes+	0.00100	0.04805	5.8037	
68.9+	C ₇ +	Heptanes+	0.00100	0.04805	5.8037	
98.6+	C ₈ +	Octanes+	0.00100	0.04805	5.8037	
125.8+	C₀+	Nonanes+	0.00054	0.02583	3.3032	
150.9+	C ₁₀ +	Decanes+	0.00008	0.00386	0.5886	
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000	
98.6 - 125.8	Cs	Octanes	0.00046	0.02222	2.5004	
125.8 - 150.9	C,	Nonanes	0.00046	0.02198	2.7147	
150.9 - 174.3	C ₁₀	Decanes	0.00008	0.00386	0.5886	
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
49.28	C₅	Cyclopentane	0.00000	0.00000	0.0000	
68.73	C ₆	n-Hexane	0.00000	0.00000	0.0000	
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000	
80.06	C ₆	Benzene	0.00000	0.00000	0.0000	
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000	
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000	
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000	
110.61	C ₇	Toluene	0.00029	0.01391	1.3070	
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00025	0.01197	1.3031	
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000	
169.34	C,	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:	1

13000961B Container Identifi	EE041 cation Sample	705621W4M	FIT4116G	Meter Coo	le	00020185 AGAT WDMS	9 Number	22ER886123A Previous Number	22ER893697B Laboratory Number
ENHANCE E	NERGY INC			<u>^</u>	METER FIT-4116 Sampling Point			04-17-056-2 Unique Well Ider	1W4 tifier
RCRF 4-17 (CO2 METER-	FIT-4116							
Well Name			We	Il License Well S	itatus	Well Fluid	Status	LSD	
REDWATER		N	OT APPLI	CABLE	А	GAT RED DE	ER	BA	
Field or Area	·	Po	ol or Zone		Sa	ampler's Company	· · · · · · · · · · · · · · · · · · ·	Name of Sample	r
Test Interv	/al (mKB)]			Elevation (m)	Pre	essure (kPa)	Тетр	perature (°C)
	Tai	Toot Turno	Toot	<u>No</u> //		4200	530	<u>-10</u>	23
From :	10:		rest		B GRD	Source	Recei	Source	Received
May 24, 2022 Date/Time Sampl	2 10:25 Ma led Da	ay 25, 2022 te Received	May 3	30, 2022 nalyzed	May 30, 2022 Date Reported	Location - A	 Svetlana pproved By - 	Title	r
Other Information :									
		COMPOS	SITION				PROPE	RTIES	
	Mole F	raction			Calculate	d Heating Va	lue @15	°C & 101.325 kF	Pa (MJ/m³) —
	Air Free	Air & Acid Gas	Liquid	Mole Fraction of	c	Gross		Net	
Component	As Received	Free As Received	Volume mL / m ³	Analysis	0.19	10.40		0.16	8.84
H,	0.01484	0.83365		0.00825	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Cal	culated D)ensity	
N ₂	0.00280	0.15725		0.00177		Relative		Al	bsolute
CO2	0.98220	0.00000		0.98984	1.497 (0.215		0.0	1.833
H₂S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C_7 + Density	Total Sample
C ₁	0.00016	0.00910		0.00014	As Received			(Kg/m³)	Density (kg/m³)
C ₂	0.00000	0.00000	0.0	0.00000		Calculated P	seudo Cr	itical Properties	
C3	0.00000	0.00000	0.0	0.00000	As	Sampled		Acid Ga	ns Free
iC4	0.00000	0.00000	0.0	0.00000	7275.43	299.59		1672.11	49.25
nC ₄	0.00000	0.00000	0.0	0.00000	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
íC₅	0.00000	0.00000	0.0	0.00000		Hydroge	n Sulfide	(H₂S) (ppm) _	
nC₅	0.00000	0.00000	0.0	0.00000	Field V	alue	Lal	boratory Value	g/m³
C ₆	0.00000	0.00000	0.0	0.00000				0	0.00
C ₇ +	0.00000	0.00000	0.0	0.00000	Stain Tube	Tutweiler	Other	GC-SCD (ASTM D5504)	
TOTAL	1.00000	1.00000	0.0	1.00000				(10111 2000 1)	
		<u> </u>				– Calculat (Moisture	ted Molec Free asRee	cular Weight	
WDMS Da	ita Verificat	ion Check	V					· · · · · · · · · · · · · · · · · · ·	
					43.34 Total Sam	ple		0.00 C ₇ + Fraction	
					$\begin{array}{c} \hline \\ \hline $	d Vapour Pre	ssure –	Gas Comp 0.9944 @15 °C & 101.	oressibility

Disclaimer: The result in this report has been confirmed by a duplicate run.

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

13000961B EE041705621W4MFI		T 000201859		22ER886123A	22ER893697B	
Container Identification	Sample Point Code	Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number	
ENHANCE ENERGY		METER	R FIT-4116	04-17	7-056-21\W4	
Operator Name		Sampling	g Point	Unique	Well Identifier	
RCRE 4-17 CO2 ME	TER-FIT-4116					
Well Name		Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume	
36.2+	C ₆ +	Hexanes+	0.00000	0.00000	0.0000	
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000	
98.6+	C ₈ +	Octanes+	0.00000	0.00000	0.0000	
125.8+	C ₉ +	Nonanes+	0.00000	0.00000	0.0000	
150.9+	C10+	Decanes+	0.00000	0.00000	0.0000	
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml /m³)	
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000	
98.6 - 125.8	C ₈	Octanes	0.00000	0.00000	0.0000	
125.8 - 150.9	C,	Nonanes	0.00000	0.00000	0.0000	
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000	
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
49.28	C ₅	Cyclopentane	0.00000	0.00000	0.0000	
68.73	C ₆	n-Hexane	0.00000	0.00000	0.0000	
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000	
80.06	C ₆	Benzene	0.00000	0.00000	0.0000	
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000	
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000	
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000	
110.61	C ₇	Toluene	0.00000	0.00000	0.0000	
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000	
144.42	Cs	o-Xylene	0.00000	0.00000	0.0000	
169.34	C,	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:	1

04000880A	EE04	705621W4M	FIT4116G	Motor Cod		000201	859	22ER8	69991F	22ER886123A
	callon Sample	Foint Code		Weler Code		AGAT WL	NVIS INUITIDEI	Flevious I	NUMBER	Laboratory Number
ENHANCE E Operator Name	ENERGY INC	:		<u>N</u>	METER FIT-41	R FIT-4116 04-17-056-21W4 Inique Well Identifier		1W4 tifier		
RCRF 4-17 (CO2 METER	-FIT-4116								
Well Name			We	Il License Well Si	tatus	Well F	luid Status	LSD	1	
		N								
REDWATER		N		CABLE		AGAT RED		BB	e of Sample	r
Test Interv	val (mKB)	7			Elevation (m)		Pressure (kPa)	— Temp	perature (°C)
						420	0 10	000	4	23
From :	To:	Test Type	Test	No. K	B GRI	D Soul	rce Rec	eived	Source	Received
Apr 21, 2022	2 8:45 Ap	or 22, 2022	Apr 2	7, 2022	Apr 27, 2022	2 Calga	ry - Bernie I	Diep - Su	pervisor	
Date/Time Samp	led Da	te Received	Date Ar	nalyzed	Date Reported	Location	- Approved By	- Title	-	
Other FIE	ELD H2S BY	UBE = 0ppm;	CO2 COM	NTENT = 98.9	8% (AIR FRE	EE)				
Information :										
		COMPOS	SITION				PROPE	RTIES		
	Mole F	raction				ted Heating	Valua @1#	5 °C & 10	1 325 65	0a (M I/m ³) —
				Mole Fraction of	Calcula	Gross			Net	a (1/10/111°)
Component	Air Free	Free As	Volume	Previous Analysis	0.11	10.32		0.0)9	8.78
		Received	mL / m³	Analysis	Air Free as	Moisture &		Air	Free as	Moisture &
H₂	0.00825	0.81206		0.00868	Received	Acid Gas Free		Red	ceived	Acid Gas Free
He	0.00000	0.00000		0.00000		(Calculated	Density		
N ₂	0.00177	0.17414		0.00187		Relative			Al	bsolute
CO2	0.98984	0.00000		0.98706	1.507	0.233	_	0.0)	1.846
H₂S	0.00000	0.00000		0.00000	Moisture Free As Received	Moisture & Acio Gas Free	1	C7+ (ka	Density 1/m³)	Total Sample Density (kg/m³)
C ₁	0.00014	0.01380		0.00014				ritical Dr	oportios	
C ₂	0.00000	0.00000	0.0	0.00000		Calculated	r seudo C		openies	_
C3	0.00000	0.00000	0.0	0.00000		As Sampled			Acid Ga	is Free
<i>i</i> C ₄	0.00000	0.00000	0.0	0.00000	7319.57	301.56		17	22.70	51.56
nC ₄	0.00000	0.00000	0.0	0.00000	pPc (kPa)	рТс (К)		pPc	: (kPa)	рТс (К)
iC₅	0.00000	0.00000	0.0	0.00000		Hydro	gen Sulfid	e (H₂S) (ppm) _	
nC₅	0.00000	0.00000	0.0	0.00000	Field	d Value	L	aboratory	Value	g/m³
C ₆	0.00000	0.00000	0.0	0.00000	0					0.00
C ₇ +	0.00000	0.00000	0.0	0.00225	Stain Tube	Tutweiler	Other	G	C-SCD	
TOTAL	1 00000	1 00000	0.0	1 00000	(GPA 2377)	(GPA C1)		(A	ътм D5504)	
TOTAL	1.00000	1.00000	0.0	1.00000		. .				
			\wedge			Calcu (Moist	Jated Mole	eceived) (a	eight - /mol)	
WDMS Da	ta Verificat	tion Check				וטוטנ		(y	,	
					43.63	3		0.0	00	
					Total S	Sample		C7-	+ Fraction	
Exceeded	compare li	nits: C7			_					
					Calcula	ted Vapour F	ressure –	G	ias Comp	pressibility —
					0.00			0.9	9944	
					C₅+(kF	Pa)		@	15 °C & 101.	325 kPa

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

PROPERTIES OF C6+ FRACTION

Version: 1

04000880A EE041705621W4MFIT Container Identification Sample Point Code		IT 000201859		22ER869991F	22ER886123A	
		Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number	
ENHANCE ENERGY		METER	2 FIT-4116	04-17	7-056-21\W4	
Operator Name		Sampling	Point	Unique	Well Identifier	
Well Name	1EK-FII-4110	Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
36.2+	C₅+	Hexanes+	0.00000	0.00000	0.0000	
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000	
98.6+	C ₈ +	Octanes+	0.00000	0.00000	0.0000	
125.8+	C₂+	Nonanes+	0.00000	0.00000	0.0000	
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000	
174.3+	C ₁₁ +	Undecanes+	0.00000	0.00000	0.0000	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000	
98.6 - 125.8	C ₈	Octanes	0.00000	0.00000	0.0000	
125.8 - 150.9	C,	Nonanes	0.00000	0.00000	0.0000	
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000	
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
49.28	C5	Cyclopentane	0.00000	0.00000	0.0000	
68.73	C6	n-Hexane	0.00000	0.00000	0.0000	
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000	
80.06	C ₆	Benzene	0.00000	0.00000	0.0000	
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000	
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000	
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000	
110.61	C ₇	Toluene	0.00000	0.00000	0.0000	
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000	
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000	
169.34	C۹	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:	1
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05005037F Container Identifi	EE041 cation Sample	705621W4MF Point Code	FIT4116G	Meter C	ode	000201859 AGAT WDMS) 21 Number Pro	ER835717B evious Number	22ER869991 Laboratory Numb
ENHANCE E	NERGY INC	;			METER FIT-4116 04-17-056-21W Sampling Point Unique Well Identifie			21W4 ntifier	
RCRF 4-17 (CO2 METER	-FIT-4116							
Well Name			We	ell License Well	Status	Well Fluid	Status	LSD	
		N I/							
REDVVATER Field or Area			JI APPL	ICABLE	AG San	DAT RED DE	EK	Name of Sample	ər
Test Interv	val (mKB)	7			Elevation (m)	Pre	ssure (kPa) —	Tem	perature (°C)
						4100	8200	-10	22
From :	To:	Test Type	Tes	t No.	KB GRD	Source	Received	Source	Received
Mar 11, 2022	2 10:30 M	ar 14, 2022	Mar 1	7, 2022	Mar 17, 2022	Calgary -	Bernie Diep	- Supervisor	
Date/Time Sampl	ed Da	te Received	Date Ar	nalyzed	Date Reported	Location - Ap	oproved By - Title	e	
Other Information :									
		COMPOS					PROPERT	IES	
	Mole F	raction				Heating \/a	مەر@15 ℃	& 101 325 ki	Da (M 1/m3) —
			Linudal	Mole Fraction	of Gillion	ross		Ne 101.323 Ki	t
Component	Air Free As Received	Free As	Volume	Previous Analysis	0.60 4	6.33		0.52	40.36
		Received	mL / m³	0.00750	Air Free as M	loisture &		Air Free as	Moisture &
H₂	0.00868	0.67051		0.00753	Acceived Ac			Received	Acia Gas Tiee
He	0.00000	0.00000		0.00000		Cal	culated Den	sity	
N₂	0.00187	0.14476		0.00194		Relative		A	bsolute
CO ₂	0.98706	0.00000		0.99030	$1.511 \qquad 0.$.864		794.2	1.851
H₂S	0.00000	0.00000		0.00000	As Received G	as Free		(kg/m ³)	Density (kg/m³)
C ₁	0.00014	0.01065		0.00011	C	Calculated Ps	seudo Critic	al Properties	
C₂	0.00000	0.00000	0.0	0.00000	40.0	ommlad		Acid G	as Froo
C₃	0.00000	0.00000	0.0	0.00000	AS 5	ampied		Acia G	as riee
<i>i</i> C ₄	0.00000	0.00000	0.0	0.00000	7306.25	302.10		1913.74	147.20
nC₄	0.00000	0.00000	0.0	0.00000	рРс (кРа)	р <i>іс (</i> к)		рРс (кРа)	pic (K)
iC₅	0.00000	0.00000	0.0	0.00000		Hydroger	n Sulfide (H	l₂S) (ppm)	
nC₅	0.00000	0.00000	0.0	0.00000	Field Va	lue	Labor	atory Value	g/m³
C ₆	0.00000	0.00000	0.0	0.00002					0.00
C ₇ +	0.00225	0.17408	13.4	0.00010	GPA 2377) (GPA 2377)	utweiler SPA C1)	Other	GC-SCD (ASTM D5504	.)
TOTAL	1.00000	1.00000	13.4	1.00000				(,	/
WDMS Da	ta Verificat	ion Check d			13.76	Calculat (Moisture	ed Molecula Free asReceiv	ar Weight red) (g/mol)	
_					Total Sample	le		C ₇ + Fraction	
Exceeded	compare lii	nits: C7			Calculated	Vapour Pres	ssure –	Gas Com	pressibility —
					4.71	-		0.9940	-
					$\frac{1}{C_{s}+(kPa)}$		-	@15 °C & 101	.325 kPa

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

05005037F	EE041705621W4MF	ΊΤ	000201859	21ER835717B	22ER869991F	
Container Identification	Sample Point Code	Meter Code	Meter Code AGAT WDMS Number		Laboratory Number	
ENHANCE ENERGY		METER	R FIT-4116	04-17	7-056-21\W4	
Operator Name		Sampling	g Point	Unique	Well Identifier	
RCRF 4-17 CO2 ME	TER-FIT-4116					
Well Name		Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
36.2+	C ₆ +	Hexanes+	0.00225	0.17408	13.3958	
68.9+	C ₇ +	Heptanes+	0.00225	0.17408	13.3958	
98.6+	C ₈ +	Octanes+	0.00210	0.16227	12.4538	
125.8+	C₂+	Nonanes+	0.00130	0.10127	8.2443	
150.9+	C ₁₀ +	Decanes+	0.00045	0.03513	3.2542	
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
68.9 - 98.6	C ₇	Heptanes	0.00015	0.01181	0.9420	
98.6 - 125.8	C ₈	Octanes	0.00080	0.06100	4.2095	
125.8 - 150.9	C۹	Nonanes	0.00085	0.06614	4.9901	
150.9 - 174.3	C ₁₀	Decanes	0.00045	0.03513	3.2542	
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume	
49.28	C5	Cyclopentane	0.00000	0.00000	0.0000	
68.73	C ₆	n-Hexane	0.00000	0.00000	0.0000	
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000	
80.06	C6	Benzene	0.00000	0.00000	0.0000	
80.78	C6	Cyclohexane	0.00000	0.00000	0.0000	
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000	
100.94	C ₇	Methylcyclohexane	0.00024	0.01841	1.2794	
110.61	C ₇	Toluene	0.00036	0.02744	1.5892	
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00032	0.02487	1.6681	
144.42	C ₈	o-Xylene	0.00014	0.01062	0.6983	
169.34	C۹	1,2,4-Trimethylbenzene	e 0.00013	0.01041	0.9021	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

GAS ANALYSIS

										Version: 1	
13001557A Container Identifica	EE(ation Sam	041504024W4M ple Point Code	FIT100G	Meter Coo	de		AGAT WDMS Num	ber Pre	GR965979A vious Number	22GR974584A Laboratory Number	
ENHANCE ENERGY INC Operator Name					METER 090-FIT-100(ENH 0202)				04-15-040-24W4		
ENHANCE CL ANALYZER	LIVE 4-15	5 CO2 ACTL 20	CO2		ouripining i onit						
Well Name	e Well Licens				Status		Well Fluid Statu	IS	LSD		
CLIVE		CABLE		AGAT RED DEER BB/BA							
Field or Area	eld or Area Pool or Zone					Samp	ler's Company		Name of Sample	er	
Test Interva	al (mKB)				Elevation (m) Pressure (kl			e (kPa)	Tem	perature (°C)	
							20	38	5	21	
From :	To:	Test Type	Test	No. K	G G	RD	Source	Received	Source	Received	
Dec 01, 2022	10:25	Dec 02, 2022	Dec 0	8, 2022	Dec 08, 2022 Calgary - Gerry Ecker - Reporter						
Date/Time Sample	ed	Date Received	Date Ar	nalyzed	Date Reported		Location - Approv	ed By - Title			
Other Information :								00000			
		COMPOS	SITION				PR	OPERTI	ES		
	Мо	le Fraction		Calcu	lated H	leating Value	@15 °C	& 101.325 kl	Pa (<i>MJ/m³</i>)		
Component	Air Free	Air & Acid Gas Free As	Liquid Volume ml / m ³	Mole Fraction of Previous	0.15	18.	59 0.00)	0.13	16.42	

Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	
H₂	0.0064	0.8000		0.0069	
He	0.0000	0.0000		0.0000	
N ₂	0.0002	0.0250		0.0017	
CO2	0.9920	0.0000		0.9894	
H₂S	0.0000	0.0000		0.0000	
C ₁	0.0010	0.1250		0.0002	
C₂	0.0002	0.0250	0.7	0.0001	
C₃	0.0001	0.0125	0.4	0.0001	
<i>i</i> C ₄	TRACE	TRACE	0.0	0.0004	
nC ₄	0.0001	0.0125	0.4	0.0008	
iC₅	TRACE	TRACE	0.0	0.0001	
nC₅	TRACE	TRACE	0.0	0.0001	
C ₆	TRACE	TRACE	0.0	0.0001	
C ₇ +	TRACE	TRACE	0.0	0.0001	
TOTAL	1.0000	1.0000	1.5	1.0000	

WDMS Data Verification Check 🦲



Exceeds normal limits: CO2, H2 Exceeded compare limits: N2, C1, NC4

Calcula	Gross		Net			
0.15	18.59	0.00	0.13	16.42		
Air Free as	Moisture &	C7+ Moisture	Air Free as	Moisture &		
Received	Acid Gas Free	Free	Received	Acid Gas Free		
	— C	alculated De	ensity —			
	Relative		Absolute			
1.509	0.219	3.702	697.8	1.848		
Moisture Free	Moisture & Acid	C7+ Moisture	C ₇ + Density	Total Sample		
As Received	Gas Free	Free	(kg/m³)	Density (kg/m³)		
	Calculated I	Pseudo Critio	cal Properties			
Α	s Sampled		Acid Gas	Free		
7333.3	302.2		1919.8	71.1		
pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)		
		en Sulfide (H	H₂S) (ppm) —			
Field	l Value	Labo	ratory Value	g/m³		
0				0.00		
Stain Tube	Tutweiler	Other	GC-SCD			
(GPA 2377)	(GPA C1)		(ASTM D5504)			
	Calcula (Moisture F	ted Molecula ree as Rece	ar Weight ived) (g/mol)			
43.7			107.2			
Tatal C	amnle		C ₇ + Fraction			
Total S	umpio		-,			
- Calculat	ed Vapour Pr	essure	Gas Compi	essibility		
Calculat 0.00	ed Vapour Pr	essure	Gas Compi 0.9993	essibility —		

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

•	•								Version: 1
11002395A Container Identif	EE04 [·] ication Sample	1504024W4M Point Code	FIT100G	Meter Coc	le	AGAT WL	MS Number	22GR949120A Previous Number	22GR965979A Laboratory Number
ENHANCE E		;		N	METER 090-FIT-100(ENH 0202)				24W4
Operator Name	CLIVE 4-15 C	02 ACTL 20	CO2	S	Sampling Point			Unique Well Ide	ntifier
ANALYZER Well Name			We	Il License Well S	itatus	Well F	luid Status	LSD	
CLIVE		Ν	OT APPL	CABLE		AGAT RED	DEER	BA/BB	
Field or Area	or Area Pool or Zone					Sampler's Comp	any	Name of Sample	er
Test Inter	— Test Interval (mKB) —				Elevation (m)		Pressure (kPa)	Tem	perature (°C)
						62	7	8 2	21
From :	To:	Test Type	Test	No. K	B GR	D Sou	rce Rece	eived Source	Received
Nov 04, 202	2 11:25 N	 ov 07, 2022	Nov 1	1, 2022	Nov 11, 2022 Calgary - Gerry Ecker - Reporter				
Date/Time Samp	oled Da	te Received	Date Ar	nalyzed	Date Reported	Location	- Approved By	- Title	
Other Information :					1				
COMPOSITION					PROPERTIES				
	Mole Fraction					ated Heating	Value @15	°C & 101.325 kl	Pa <i>(MJ/m³)</i>
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	0.33 Air Free as Received	Gross 30.40 Moisture & Acid Gas Free	0.02 C₂+ Moisture Free	Air Free as Received	t 27.57 Moisture & Acid Gas Free
		0 6611							

All Free as Mic	Analysis		Received		
Received AC	0.0071		0.6511	0.0069	H₂
	0.0000		0.0000	0.0000	He
	0.0058		0.1604	0.0017	N ₂
1.509 0.	0.9849		0.0000	0.9894	CO2
As Received G	0.0000		0.0000	0.0000	H₂S
C	0.0004		0.0189	0.0002	C ₁
As Sa	0.0001	0.4	0.0094	0.0001	C2
	0.0001	0.4	0.0094	0.0001	C₃
7321.1	0.0001	1.7	0.0377	0.0004	<i>i</i> C ₄
prc (kra)	0.0002	3.4	0.0755	0.0008	nC₄
	0.0002	0.5	0.0094	0.0001	iC₅
Field Val	0.0002	0.5	0.0094	0.0001	nC₅
0	0.0003	0.5	0.0094	0.0001	C6
Stain Tube Tu (GPA 2377) (G	0.0006	0.7	0.0094	0.0001	C ₇ +
	1.0000	8.1	1.0000	1.0000	TOTAL
(I]		1		L

WDMS Data Verification Check 🤳



Exceeds normal limits: CO2, H2 Exceeded compare limits: NC4

Air Free as	Moisture &	C ₇ + Moisture	Air Free as	Moisture & Acid Gas Free	
Received	Acid Gas Free	Free	Received		
	— с	alculated Der	nsitv —		
	Relative		Ab	solute	
1.509	0.574	3.944	706.7	1.849	
Moisture Free As Received	Moisture & Acid Gas Free	C₂+ Moisture Free	C ₇ + Density (kg/m³)	Total Sample Density (kg/m³)	
	Calculated I	Pseudo Critic	al Properties		
Α	s Sampled		Acid Gas	s Free	
7321.1	302.1		2100.4	118.1	
pPc (kPa)	рТс (К)	— j	рТс (К)		
	Hydrog	an Sulfida (H	LS) (nnm)		
Field	— Hydrog <i>Value</i>	en Sulfide (H <i>Labor</i>	l₂S) (ppm) — atory Value	g/m³	
Field	— Hydrog <i>I Value</i>	en Sulfide (H <i>Labor</i>	l₂S) (ppm) — atory Value	g/m³ 0.00	
Field 0 Stain Tube (GPA 2377)	Hydrog Value Tutweiler (GPA C1)	en Sulfide (H <i>Labor</i>	I₂S) (ppm) — atory Value GC-SCD (ASTM D5504)	g/m³ 0.00	
Field 0 Stain Tube (GPA 2377)	Tutweiler (GPA C1)	en Sulfide (H <i>Labor</i> Other ted Molecula	r Weight	<i>g/m</i> ³ 0.00	
Field 0 Stain Tube (GPA 2377)	Tutweiler (GPA C1) (Moisture F	en Sulfide (H <i>Labor</i> Other ted Molecula ree as Recei	I ₂ S) (ppm) atory Value GC-SCD (ASTM D5504) r Weight ved) (g/mol)	<i>g/m</i> ³ 0.00	
Field 0 Stain Tube (GPA 2377) 43.7	Tutweiler (GPA C1) Calcula (Moisture F	en Sulfide (H <i>Labor</i> Other ted Molecula ree as Recei	I ₂ S) (ppm)	<i>g/m</i> ³ 0.00	
Field 0 Stain Tube (GPA 2377) 43.7 Total Sa	Tutweiler (GPA C1) Calcula (Moisture F	en Sulfide (H <i>Labor</i> Other ted Molecula Free as Recei	I ₂ S) (ppm)	<i>g/m</i> ³ 0.00	
Field 0 Stain Tube (GPA 2377) 43.7 Total Sa Calculat	Tutweiler (GPA C1) Calcula (Moisture F ample ed Vapour Pre	en Sulfide (H <i>Labor</i> Other ted Molecula Tree as Recei	I2S) (ppm)	g/m³ 0.00 ressibility	
Field 0 Stain Tube (GPA 2377) 43.7 Total Sa Total Sa Calculat 71.56	Hydrog <i>Value</i> <i>Tutweiler</i> <i>(GPA C1)</i> Calcula (Moisture F ample ed Vapour Pro	en Sulfide (H <i>Labor</i> Other ted Molecula Tree as Recei	I ₂ S) (ppm) — atory Value GC-SCD (ASTM D5504) r Weight ved) (g/mol) <u>114.2</u> C ₇ + Fraction Gas Comp 0.9922	g/m³ 0.00 ressibility	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

GAS ANALYSIS

											Version: 1
11000673A	EE041	504024W4M	FIT100G			C	0018888	37	22GR937	'849A	22GR949120A
Container Identifi	ication Sample	Point Code		Meter 0	Code	A	GAT WDM	S Number	Previous Nur	mber	Laboratory Number
ENHANCE F		• •			METER 090-F	IT-100/F	=NH 020	2)	04-15	-040-24	4\\//4
Operator Name					Sampling Point			-)	Unique	Well Iden	tifier
ENHANCE O	CLIVE 4-15 C	O2 ACTL 20 (CO2								
Well Name			We	ell License We	ll Status		Well Fluid	d Status	LSD		
CLIVE		N	OT APPLI	ICABLE		AGAT	RED DI	EER	BB/B/	A	
Field or Area		Po	ol or Zone			Sample	r's Compan	у	Name o	of Sample	r
Test Inter	val (mKB)	7			<i>Elevation (m)</i>		P.	ressure (kPa)		Temp	erature (°C)
							80	100)	10	21
From :	To:	Test Type	Test	No.	KB GR	2D	Source	e Recei	ved	Source	Received
Oct 03, 2022	2 9:20 O	ct 04, 2022	Oct 0	6, 2022	Oct 06, 2022	2	Calgary	- Gerry Ec	ker - Repo	orter	
Date/Time Samp	led Da	te Received	Date Ar	nalyzed	Date Reported		Location -	Approved By -	Title		
Other PL Information :	ANI										
		COMPOS						PROPER	RTIES		
	Mole F	raction			Calcula	ated He	eating V	alue @15	°C & 101.	325 kF	°a (MJ/m³) —
		Air & Acid Gas	Liquid	Mole Fractio		Gross	5			Net	
Component	Air Free As Received	Free As	Volume mL / m ³	of Previous	0.40	26.4	5 Ire &	$\frac{0.13}{C+Moisture}$	0.36	A 25	24.07 Moisture &
	0.0074				Received	Acid G	as Free	Free	Receiv	ved	Acid Gas Free
H ₂	0.0071	0.4704		0.0061			0				
He	0.0000	0.0000		0.0000		D	Ud Valativa	alculated L	ensity		soluto
N ₂	0.0058	0.3841		0.0022	4 500	0.75	elative A	0 700	700	0	
CO2	0.9849	0.0000		0.9907	1.308 Moisture Free	0.75	I Ire & Acid	3.18Z	$-\frac{700.8}{C+D}$	B	1.847 Total Sample
H₂S	0.0000	0.0000		0.0000	As Received	Gas F	Free	Free	(kg/m ³	3)	Density (kg/m³)
C1	0.0004	0.0265		0.0009		Calc	culated F	Pseudo Cri	tical Prop	erties	
C ₂	0.0001	0.0066	0.4	TRACE		As Sami	oled			Aoid Co	- Fran
C₃	0.0001	0.0066	0.4	TRACE			Jicu			Acia Ga	Sriee
<i>i</i> C ₄	0.0001	0.0066	0.4	TRACE	7302.2	3	01.4	_	2422.0		126.5
nC₄	0.0002	0.0132	0.8	TRACE	pPc (kPa)	p	ыс (K)		pPc (kPa)		р1с (К)
iC.	0.0002	0.0132	1.0	TRACE			Hydrog	en Sulfide	(H ₂ S) (pp	m) –	
nC _r	0.0002	0.0132	1.0	TRACE	Fiel	d Value		Lat	oratory Va	lue	g/m³
C C	0.0002	0.0102	1.6		0				-		0.00
	0.0003	0.0199	1.0		Stain Tube	Tutwe	iler	Other	GC-S	SCD	0.00
U ₇ +	0.0006	0.0397	4.0	0.0001	(GPA 2377)	(GPA	C1)		(AST	M D5504)	
TOTAL	1.0000	1.0000	9.6	1.0000			Coloulo			nt	

WDMS Data Verification Check 🦲



Exceeds normal limits: CO2, H2

301.4		2422.0	126.5	
рТс (К)		рТс (К)		
— Hydrog	gen Sulfide (H₂S) (ppm) —		
l Value	Labo	oratory Value	g∕m³	
			0.00	
Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)		
		109.6		
		109.6		
ampie		C_7 + Fraction		
ed Vapour Pr	essure	Gas Compr	essibility -	
4		0.9836		
		0.0000		
	301.4 pTc (K) Hydrog <i>I Value</i> <i>Tutweiler</i> (GPA C1) Calcula (Moisture F <i>iample</i> ted Vapour Pr	301.4 pTc (K) Hydrogen Sulfide (I Value Labo Tutweiler (GPA C1) Other Calculated Molecul (Moisture Free as Rece cample ted Vapour Pressure 4	$\begin{array}{c c} 301.4 \\ \hline pTc (K) \end{array} \qquad \begin{array}{c} 2422.0 \\ \hline pPc (kPa) \end{array}$ $- Hydrogen Sulfide (H_2S) (ppm) \\ - Laboratory Value \\ \hline Tutweiler \\ (GPA C1) \end{array} \qquad \begin{array}{c} Other \\ \hline Other \\ (ASTM D5504) \end{array}$ $- Calculated Molecular Weight \\ (Moisture Free as Received) (g/mol) \end{array}$ $- Calculated Molecular Weight \\ (Moisture Free as Received) (g/mol) \end{array}$	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

GAS ANALYSIS

·	·								Version: 1		
13000842A	EE04	1504024W4M	FIT100G			0001888	387 2	22GR926850A	22GR937849/		
Container Identifi	cation Sample	Point Code		Meter Coo	le	AGAT WDMS Number Pre		Previous Number	Laboratory Numbe		
ENHANCE E		;		Ν	/IETER 090-FIT-100(ENH 0202)			04-15-040-2	04-15-040-24W4		
Operator Name				S	Sampling Point			Unique Well Ide	ntifier		
ENHANCE C ANALYZER	CLIVE 4-15 C	02 ACTL 20	CO2								
Well Name		Well License Well Status					uid Status	LSD			
CLIVE		Ν	OT APPLI	CABLE		AGAT RED [DEER	BB/BA			
Field or Area		Pe	ool or Zone			Sampler's Company Name of Sampler					
Test Inter	val (mKB)				Elevation (m)		Pressure (kPa) —	Tem	perature (°C)		
						170) 160	11	21		
From :	To:	Test Type	Test	No. K	B GF	RD Source	ce Receive	ed Source	Received		
Sep 01, 2022	2 11:05 S	ep 06, 2022	Sep 1	2, 2022	Sep 12, 202	2 Calgar	y - Gerry Eck	er - Reporter			
Date/Time Samp	led Da	ate Received	Date Ar	alyzed	Date Reported	Location	- Approved By - T	itle			
Other Information :											
		COMPOS	SITION				PROPER	TIES			
	Mole	Fraction			Calcul	ated Heating	√alue @15 °	C & 101.325 kl	Pa <i>(MJ/m³)</i> —		
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	0.13 Air Free as	 Moisture &	0.02 C ₇ + Moisture	0.11 Air Free as	12.33 Moisture &		
H₂	0.0061	0.6558		0.0059	Received	Acid Gas Free	Free	Received	Acid Gas Free		
He	0.0000	0.0000		0.0000		— c	Calculated De	ensity			
	0.0000	0.0000				D. I. C		,	1 I		

	COMPOSITION					PROPERTIES				
	Mole F	raction	Linuid		Calcula	ted Heating V Gross	/alue @15	°C & 101.325 kPa Net	a <i>(MJ/m³)</i> —	
Component	Air Free As Received	Air & Acid Gas Free As Received	Volume mL / m ³	Mole Fraction of Previous Analysis	0.13 Air Free as	14.01 Moisture &	0.02 C ₇ + Moisture	0.11 Air Free as	12.33 Moisture &	
H₂	0.0061	0.6558		0.0059	Received	Acid Gas Free	Free	Received	Acid Gas Free	
He	0.0000	0.0000		0.0000		C	alculated [Density —		
N ₂	0.0022	0.2366		0.0047		Relative		Ab	solute	
CO2	0.9907	0.0000		0.9873	1.509	0.371	3.944	706.7	1.848	
H₂S	0.0000	0.0000		0.0000	Moisture Free As Received	Moisture & Acid Gas Free	C₂+ Moisture Free	C ₇ + Density (kg/m ³)	Total Sample Density (kg/m³)	
C ₁	0.0009	0.0968		0.0010		Calculated I	Pseudo Cr	itical Properties		
C ₂	TRACE	TRACE	0.0	0.0001		s Sampled		Acid Cor	- -	
C₃	TRACE	TRACE	0.0	0.0002		3 Gampieu		Acid Gas	s rree	
<i>i</i> C ₄	TRACE	TRACE	0.0	TRACE	7328.2	302.0		2126.1	76.2	
nC₄	TRACE	TRACE	0.0	0.0001	рРс (кРа)	pic (K)		рес (кеа)	pic (K)	
iC₅	TRACE	TRACE	0.0	0.0001		— Hydrog	en Sulfide	(H₂S) (ppm) —		
nC₅	TRACE	TRACE	0.0	0.0001	Field	Value	La	boratory Value	g/m³	
C₅	TRACE	TRACE	0.0	0.0001	0				0.00	
C ₇ +	0.0001	0.0108	0.7	0.0004	Stain Tube (GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)		
TOTAL	1.0000	1.0000	0.7	1.0000		Coloulo	tod Moloo			
	1	1				(Moisture F	ree as Re	ceived) (g/mol)		
			\bigwedge		43.7			114.2		
WDMS Da	ata Verifica	tion Check			Total Sa	ample		C ₇ + Fraction		
Exceeds n	exceeds normal limits: CO2, H2				Calculated Vapour Pressure Gas Compressibility				ressibility	
					3.73			0.9978		
					C₅+ (kPa	a)		@15 °C & 101.3	25 kPa	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

									Version: 1
05002549A Container Identifi	ication Sample	1504024W4M Point Code	FIT100G	Meter	Code	0001888 AGAT WDM	87 //S Number P	revious Number	22GR926850A Laboratory Number
ENHANCE E	ENERGY INC	;			METER 090-F	IT-100(ENH 020)2)	04-15-040-24	4W4
Operator Name			000		Sampling Point			Unique Well Iden	tifier
ANAI YZER	LIVE 4-15 C	02 ACTL 20	002						
Well Name			We	ell License We	ll Status	Well Flu	id Status	LSD	
CLIVE		N		ICABLE			FFR	BB/BA	
Field or Area			ol or Zone			Sampler's Company Nai			r
Test Inter	val (mKB)				Elevation (m)	F	Pressure (kPa) —	Тетр	perature (°C)
						140	120	7	23
From :	То:	Test Type	Test	No.	KB GR	D Sourc	e Receive	d Source	Received
Aug 03, 2022	2 10:50 Au	ug 05, 2022	Aug 1	0, 2022	Aug 10, 202	2 Calgary	/ - Bernie Die	p - Supervisor	
	lea Da	lle Received	Date Ar	lalyzeu	Dale Reported	Location -	Арргоved Бу - Пі	le	
Other Information :									
COMPOSITION							PROPER	TIES	
	Mole F	Fraction			Calcul	ated Heating V	/alue @15 °C	C & 101.325 kP	Pa (MJ/m³) —
Component	Air Free	Air & Acid Gas Free As	Liquid Volume	Mole Fractio of Previous	ⁿ 0.29	22.57	0.09	0.26	20.45
· .	AS Received	Received	mL / m³	Analysis	Air Free as	Moisture &	C ₇ + Moisture	Air Free as	Moisture &
H₂	0.0059	0.4645			Necened	Acia Gas i lee	1166	Necened	Acid Oas I lee
He	0.0000	0.0000				— C	alculated De	nsity –	
N ₂	0.0047	0.3701			1 500	Relative	0.044		bsolute
CO2	0.9873	0.0000			1.509 Moisture Free	0.669 Moisture & Acid	3.944	$\frac{706.6}{C_{-+} Density}$	1.848 Total Sample
H₂S	0.0000	0.0000			As Received	Gas Free	Free	(kg/m ³)	Density (kg/m³)
C ₁	0.0010	0.0787				Calculated	Pseudo Critic	cal Properties	
C ₂	0.0001	0.0079	0.4			As Sampled		Acid Ga	s Free
C₃	0.0002	0.0157	0.7		7215.2	201 7		2512.2	110.0
<i>i</i> C ₄	TRACE	TRACE	0.0		pPc (kPa)	рТс (K)		pPc (kPa)	pTc (K)
<i>n</i> C₄	0.0001	0.0079	0.4					· · ·	
iC₅	0.0001	0.0079	0.5			Hydrog	gen Sulfide (H	H₂S) (ppm) –	()
nC₅	0.0001	0.0079	0.5		Fiel	d Value	Labo	ratory Value	g/m³
C ₆	0.0001	0.0079	0.5		Stain Tuba		Othor		0.00
C ₇ +	0.0004	0.0315	2.8		(GPA 2377)	(GPA C1)	Ourier	(ASTM D5504)	
TOTAL	1.0000	1.0000	5.8			Calcula	ated Molecula	ar Weight	I
	<u>`</u>		-			(Moisture F	Free as Rece	ived) (g/mol)	
			\wedge		127			114 2	
	ata Verifica	ation Check			Total S	Sample		C ₇ + Fraction	
Evcoode n	ormal limite				Calcula	ited Vapour Pr	essure	Gas Comp	oressibility
		Б. UUZ, ПZ			12.2	20		0 9853	
					$\frac{+3.2}{C_{s+}(k)}$. . Pa)		@15 ℃ & 101.3	325 kPa
								-	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

EXTENDED GAS ANALYSIS

Version:	1

	ation Sample I	Point Code		Meter Cod	е	AGAT WDMS	S Number	Previous Number	Laboratory Numbe
ENHANCE ENERGY INC M Operator Name Se					AETER 090-FIT-100(ENH 0202) 04-15-040-24W4 Unique Well Identifier				
ENHANCE C	LIVE 4-15 C	O2 ACTL 20	CO2						
ANALYZER Well Name			Wel	License Well Si	tatus	Well Fluid	Status	LSD	
		<u>N</u>		CABLE		AGAT RED DE	ER	BB/BA	
-ield or Area —— Test Interva	al (mKB)	- P(ooi or Zone		Elevation (m)	Sampler's Company	, essure (kPa)		er perature (°C)
						180	19	0 10	21
From :	To:	Test Type	Test	No. KI	B GRL	D Source	Rece	eived Source	Received
Jul 04, 2022 §	9:15 Ju	06, 2022	Jul 12	, 2022	Jul 12, 2022	Calgary	- Gerry Ec	cker - Reporter	
Date/Time Sample	ed Dat	te Received	Date An	alyzed	Date Reported	Location - A	Approved By -	- Title	
Other MET Information :	TER 090-FIT	-100(ENH02	02)						
		COMPOS	SITION				PROPE	RTIES	
	Mole F	raction				ated Heating Va	alue @15	°C & 101.325 k	Pa <i>(MJ/m³</i>) —
		Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	et (
Component	Air Free As Received	Free As	Volume	Previous Analysis	0.16	9.71		0.14	8.50
н	0.00842		C / III	0.00731	Air Free as Received	Moisture & Acid Gas Free		Air Free as Received	Moisture & Acid Gas Free
	0.00042	0.00000		0.00731					
N	0.00000	0.00000		0.00000		Ca Relative	iculated L	Density	bsolute
	0.007 40	0.00000		0.00031	1 503	0.520		750.0	1 8/1
H ₂ S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		$\frac{750.0}{C_7 + Density}$	Total Sample
C ₄	0.00081	0.04784		0.00000	As Received	Gas Free		(kg/m³)	Density (kg/m³)
Co	0.00000	0.00000	0.0	0.00011		Calculated P	seudo Cr	itical Properties	
C ₂	0.00000	0.00060	TRACE	0.00016	A	s Sampled		Acid G	as Free
iC.	0.00002	0.00095	0.1	0.00005	7293 41	300 47		2410 34	86 94
nC ₄	0.00001	0.00080	0.1	0.00010	pPc (kPa)	pTc (K)	-	pPc (kPa)	pTc (K)
iC ₅	0.00001	0.00057	TRACE	0.00001		Hydroge	n Sulfide	e (H₂S) (ppm)	
nC ₅	0.00001	0.00084	0.1	0.00001	Field	l Value	La	boratory Value	g/m³
C ₆	0.00001	0.00125	0.1	0.00000	0				0.00
C ₇ +	0.00009	0.00584	0.6	0.00001	Stain Tube	Tutweiler	Other	GC-SCD	_
τοται	1 00000	1 00000	1.0	1 00000	(GPA 2377)	(GPA C1)		(ASTM D5504	9
TOTAL	1.00000	1.00000	1.0	1.00000		<u> </u>			
WDMS Dat	ta Varificat	ion Check				(Moisture	ted Moleo Free asRe	cular Weight ceived) (g/mol)	
					43.52	2		101.24	
Exceeded (comnare lir	nits [.] N2			Total S	ample		C ₇ + Fraction	
	souhaie ill				Calculat	ted Vapour Pre	ssure —	Gas Com	pressibility —
						7			p. 000101111y
					1 35.67	1		0.9944	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

08000150A EE041504024W4MFIT Container Identification Sample Point Code		Meter Code	000188887 AGAT WDMS Number	22ER901621A Previous Number	22ER915638A Laboratory Number
ENHANCE ENERGY INC		METEI Sampling	METER 090-FIT-100(ENH 0202) Sampling Point		15-040-24W4 aue Well Identifier
ENHANCE CLIVE 4-	15 CO2 ACTL 20 CO2				
ANALYZER Well Name		Well License Well Status	Well Fluid S	tatus LSD)
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C ₆ +	Hexanes+	0.00010	0.00709	0.6745
68.9+	C ₇ +	Heptanes+	0.00009	0.00584	0.5607
98.6+	C ₈ +	Octanes+	0.00004	0.00338	0.3285
125.8+	C₀+	Nonanes+	0.00001	0.00082	0.0842
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
	Carbon	Hydrocarbon	As Received	Acid Gas Free	As Received Liquid Volume
68.9 - 98.6		Hentanes		0.00246	(mL/m³) ∩ 2322
98.6 - 125.8	C _n	Octanes	0.00003	0.00256	0.2443
125 8 - 150 9	C _s	Nonanes	0.00001	0.00082	0.0842
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000
174.3 - 196.0	C11	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C12	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C14	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
	015				
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C5	Cyclopentane	0.00000	0.00011	0.0090
68.73	C ₆	n-Hexane	0.00001	0.00086	0.0791
71.83	C6	Methylcyclopentane	0.00001	0.00031	0.0279
80.06	C6	Benzene	0.00001	0.00031	0.0196
80.78	C ₆	Cyclohexane	0.00001	0.00035	0.0310
99.24	C ₈ 2	2,2,4-Trimethylpentane	e 0.00000	0.00011	0.0130
100.94	C ₇	Methylcyclohexane	0.00001	0.00072	0.0647
110.61	C ₇	Toluene	0.00001	0.00084	0.0629
136.16	Cs	Ethylbenzene	0.00000	0.00000	0.0000
138.33 ; 139.09	C ₈	m&p-Xylene	0.00001	0.00039	0.0337
144.42	C ₈	o-Xylene	0.00000	0.00010	0.0084
169.34	C ₉ 1	,2,4-Trimethylbenzen	e 0.00000	0.00000	0.0000

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

07001396C Container Identifi	EE04 ² Sample	1504024W4M Point Code	FIT100G	Meter Cod	9	00018888 AGAT WDMS	7 Number	22ER889541A Previous Number	22ER889542C
ENHANCE ENERGY INC					IETER 090-FI	T-100(ENH 0202)	04-15-040-24	4W4
ENHANCE (CLIVE 4-15 C	02 ACTL 20	CO2		amping rom			Onique Weir Iden	uner
Well Name			We	Il License Well St	atus	Well Fluid	Status	LSD	
CLIVE		Ν		CABLE		AGAT RED DE	FR	BA/BB	
Field or Area		P	ool or Zone	ONBEL		Sampler's Company		Name of Sample	r
Test Inter	val (mKB)				Elevation (m)	Pre	essure (kPa) –	Тетр	perature (°C)
						200	130	2	21
From :	To:	Test Type	Test	No. Ki	B GRI	D Source	Receive	ed Source	Received
May 13, 202	$\frac{28:50}{100}$	ay 16, 2022	May 2	24, 2022	May 24, 202	2 Calgary ·	Gerry Eck	er - Reporter	
Othor	leu Da	ile Neceiveu	Dale Al	laiyzeu	Dale Reponed	Eocation - A	рргочей Бу - Т	nie –	
Information :									
		001100						TIFO	
		COMPO	SITION				PROPER	IIES	
	Mole F	raction			Calcula	ated Heating Va	alue @15 °	C & 101.325 kP	Pa (MJ/m³) ——
	Air Free	Air & Acid Gas	Liquid	Mole Fraction of Previous	0.40	Gross		Net	05.04
Component	As Received	Free As Received	mL / m ³	Analysis	Air Free as	28.19 Moisture &		0.16 Air Free as	25.21 Moisture &
H₂	0.00412	0.64171		0.00517	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Cal	culated De	ensity	
N₂	0.00101	0.15773		0.00230		Relative		AL	osolute
CO2	0.99357	0.00000		0.99134	1.513	0.537		736.2	1.854
H₂S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C_7 + Density (kg/m ³)	Total Sample
C ₁	0.00075	0.11613		0.00062			coudo Criti		
C₂	0.00003	0.00494	0.1	0.00004		Calculated F			_
C₃	0.00001	0.00095	TRACE	0.00002	A	As Sampled		Acid Ga	s Free
<i>i</i> C ₄	0.00002	0.00316	0.1	0.00020	7343.56	302.87		2164.77	108.29
nC4	0.00001	0.00100	TRACE	0.00000	pPc (kPa)	р1с (К)		pPc (kPa)	pIc (K)
iC₅	0.00000	0.00071	TRACE	0.00000		Hydroge	n Sulfide ((H₂S) (ppm) _	
nC₅	0.00001	0.00155	TRACE	0.00000	Field	d Value	Labo	oratory Value	g/m³
C ₆	0.00005	0.00731	0.3	0.00000	0				0.00
C ₇ +	0.00042	0.06481	2.5	0.00031	(GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)	
TOTAL	1.00000	1.00000	3.1	1.00000					
	1						ted Molecu	ular Weight -	
						(Moisture	Free asRece	eived) (g/mol)	
WDIMS Da	ata verifica	tion Check			42.0	2		104.21	
					Total S	5 Sample		C ₇ + Fraction	
					Calcula	ted Vapour Pre	ssure –	—— Gas Comp	oressibility —
					16.64	4		0.9943	
					C₅+(kF	Pa)	-	@15 °C & 101.	325 kPa
					<u>'</u>				

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

07001396C Container Identification	EE041504024W4MFIT	Meter Code	000188887 AGAT WDMS Number	22ER889541A Previous Number	22ER889542C Laboratory Number
ENHANCE ENERGY	(INC	METER	R 090-FIT-100(ENH 0202)	04-	15-040-24W4
ENHANCE CLIVE 4-	15 CO2 ACTL 20 CO2	Samping	y rom	Uniq	ue wen dentiner
ANALYZER	10 002 / 012 20 002				
Well Name		Well License Well Status	Well Fluid S	tatus LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C ₆ +	Hexanes+	0.00047	0.07212	2.7463
68.9+	C ₇ +	Heptanes+	0.00042	0.06481	2.4889
98.6+	C ₈ +	Octanes+	0.00027	0.04009	1.5758
125.8+	C₀+	Nonanes+	0.00006	0.00973	0.4340
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
68.9 - 98.6	C ₇	Heptanes	0.00015	0.02472	0.9131
98.6 - 125.8	C ₈	Octanes	0.00021	0.03036	1.1418
125.8 - 150.9	C۹	Nonanes	0.00006	0.00973	0.4340
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C₅	Cyclopentane	0.00000	0.00000	0.0000
68.73	C ₆	n-Hexane	0.00003	0.00457	0.1611
71.83	C ₆	Methylcyclopentane	0.00002	0.00266	0.0920
80.06	C ₆	Benzene	0.00001	0.00185	0.0444
80.78	C ₆	Cyclohexane	0.00002	0.00324	0.1090
99.24	C ₈ 2	,2,4-Trimethylpentane	e 0.00001	0.00124	0.0552
100.94	C ₇	Methylcyclohexane	0.00004	0.00606	0.2087
110.61	C ₇	Toluene	0.00006	0.00858	0.2462
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000
138.33 ; 139.09	C ₈	m&p-Xylene	0.00001	0.00187	0.0621
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000
169.34	C ₉ 1	,2,4-Trimethylbenzen	e 0.00000	0.00000	0.0000

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:	1

08001800A	EE04	1504024W4M	FIT100G			00018888	57	22ER879418A	22ER889541A
Container Identifi	cation Sample	Point Code		Meter Cod	e	AGAT WDMS	S Number	Previous Number	Laboratory Number
ENHANCE E	NHANCE ENERGY INC ME			METER 090-FIT-100(ENH 0202) 04-15-040-24W4				4W4	
Operator Name				S	ampling Point	•	,	Unique Well Ider	ntifier
	CLIVE 4-15 C	02 ACTL 20	CO2						
Well Name			We	Il License Well St	atus	Well Fluid	Status	LSD	
CLIVE		N		CABLE		AGAT RED DE	:ER	BB/BA	\ r
Test Inter	val (mKB)				Elevation (m)		, essure (kPa)		perature (°C)
						140	18	0 10	21
From :	To:	Test Type	Test	No. KE	3 GRI	D Source	Recei	ived Source	Received
May 03, 202	2 8:20 M	ay 05, 2022	May 1	2, 2022	May 12, 202	2 Calgary	- Gerry Ec	ker - Reporter	
Date/Time Samp	led Da	te Received	Date An	alyzed	Date Reported	Location - A	Approved By -	Title	
Other CC	: 22CLV001								
		COMPO	SITION				PROPER	RTIES	
	Mole F	raction			Calcula	ated Heating Va	alue @15	°C & 101.325 kF	Pa (MJ/m³) —
		Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	t
Component	Air Free As Received	Free As	Volume	Previous Analysis	0.18	20.91		0.16	18.79
	0.00517		111L / 111º	0.00705	Air Free as Received	Moisture & Acid Gas Free		Air Free as Received	Moisture & Acid Gas Free
	0.00517	0.59550		0.00795					
N	0.00000	0.00000		0.00000		Bolotivo	Iculated D	Density	baaluta
	0.00230	0.20473		0.00097	4 544			004.7	
	0.99134	0.00000		0.99038	1.311 Moisture Free	0.530 Moisture & Acid		$\frac{804.7}{C_{r+Density}}$	1.801 Total Sample
⊓₂S	0.00000	0.00000		0.00000	As Received	Gas Free		(kg/m ³)	Density (kg/m³)
	0.00062	0.07141	0.4	0.00065		Calculated P	seudo Cri	itical Properties	
C₂	0.00004	0.00440	0.1	0.00003		s Sampled		Acid Ga	as Free
U₃ 20	0.00002	0.00272	0.1	0.00000	7000 44	202.27		2250.40	101 11
1C4	0.00020	0.02353		0.00001	7332.44 pPc (kPa)	$\frac{302.37}{pTc(K)}$		2250.19 pPc (kPa)	DTc (K)
	0.00000	0.00046	TRACE	0.00000				(11.0) (a a ra)	
105 InC	0.00000	0.00031	TRACE	0.00000	Field	— Hydroge	n Sumae	(H ₂ S) (ppm)	(3
<i>1</i> ∪₅	0.00000	0.00032		0.00000		a value	La	ooratory value	g/m ³
06	0.00000	0.00033	TRACE	0.00001	Stain Tube	Tutweiler	Othor	GC-SCD	0.00
C ₇ +	0.00031	0.03649	1.8	0.00000	(GPA 2377)	(GPA C1)	Ourier	(ASTM D5504))
TOTAL	1.00000	1.00000	2.9	1.00000	·				
							ted Molec	ular Weight	
	ata Varifica	tion Check				(Moisture	Free asRed	ceived) (g/mol)	
					43.76	3		105 67	
					Total S	Sample		C ₇ + Fraction	
						ta d) /an a la D		0 0 -	
						ted vapour Pre	essure –	Gas Com	pressibility —
					8.31	N- 1	_	0.9943	225 kDa
					C₅+(kF	'a)		@15°C&101.	J∠J Kra

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

PROPERTIES OF C6+ FRACTION

Version: 1

08001800A EE041504024W4MFIT Container Identification Sample Point Code		Meter Code	000188887 AGAT WDMS Number	22ER879418A Previous Number	22ER889541A Laboratory Number
ENHANCE ENERGY INC		METEI Sampline	R 090-FIT-100(ENH 0202)	04-1 Uniau	5-040-24W4 e Well Identifier
ENHANCE CLIVE 4-	15 CO2 ACTL 20 CO2				
ANALYZER Well Name		Well License Well Status	Well Fluid S	tatus LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C ₆ +	Hexanes+	0.00031	0.03681	1.7761
68.9+	C ₇ +	Heptanes+	0.00031	0.03649	1.7605
98.6+	C ₈ +	Octanes+	0.00029	0.03420	1.6580
125.8+	C₀+	Nonanes+	0.00015	0.01682	0.8821
150.9+	C ₁₀ +	Decanes+	0.00001	0.00254	0.1489
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume
68.9 - 98.6	C ₇	Heptanes	0.00002	0.00228	0.1024
98.6 - 125.8	C ₈	Octanes	0.00014	0.01739	0.7760
125.8 - 150.9	C۹	Nonanes	0.00014	0.01427	0.7332
150.9 - 174.3	C ₁₀	Decanes	0.00001	0.00254	0.1489
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C₅	Cyclopentane	0.00000	0.00000	0.0000
68.73	C ₆	n-Hexane	0.00000	0.00033	0.0157
71.83	C ₆	Methylcyclopentane	0.00000	0.00027	0.0126
80.06	C ₆	Benzene	0.00001	0.00072	0.0235
80.78	C ₆	Cyclohexane	0.00000	0.00033	0.0151
99.24	C ₈ 2	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000
100.94	C ₇	Methylcyclohexane	0.00002	0.00234	0.1090
110.61	C ₇	Toluene	0.00010	0.01106	0.4299
136.16	C ₈	Ethylbenzene	0.00001	0.00099	0.0441
138.33 ; 139.09	C ₈	m&p-Xylene	0.00005	0.00521	0.2346
144.42	C ₈	o-Xylene	0.00001	0.00111	0.0488
169.34	C ₉ 1	,2,4-Trimethylbenzen	e 0.00000	0.00049	0.0283

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:

1000319A Container Identifie	EE041 cation Sample	504024W4M Point Code	FIT100G	Meter Coo	le	00018888 AGAT WDMS	7 22 S Number Pr	2ER869985A evious Number	22ER879418 Laboratory Numb
ENHANCE E				METER 090-FI	T-100(ENH 0202	2)	04-15-040-2	24W4	
Derator Name			CO2	S	Sampling Point			Unique Well Ide	ntifier
ANALYZER	LIVE 4-15 C	OZ AGTE 20	002						
Vell Name			We	I License Well S	Status	Well Fluid	Status	LSD	
LIVE		Ν		CABLE		AGAT RED DE	ER	BB/BA	
ield or Area		P	ool or Zone			Sampler's Company	/	Name of Sample	ər
Test Interv	al (mKB)				Elevation (m)	Pr	essure (kPa) —	Tem	perature (°C)
	T			N			190		21
From :	10:		lest	NO. K	B GRL	Source	Received	Source	Received
vpr 05, 2022	10:40 Ap	or 07, 2022	Apr 12	2, 2022 alvzed	Apr 12, 2022	Calgary	- Gerry Ecke	r - Reporter	
)thor	50 20		Dato	aly200	Date Reported	Loouton	ippiorou by Thi	0	
formation :									
		COMPOS	SITION				PROPERT	IES	
	Mole F	raction			Calcula	ted Heating Va	alue @15 °C	& 101.325 ki	Pa <i>(MJ/m³</i>) —
	A: E	Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	t
Component	Air Free As Received	Free As Received	Volume ml / m ³	Analysis	0.13	13.14		0.11	11.32
Ha	0.00795	0.82536		0.00639	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	culated Der	sity	
N ₂	0.00097	0.10114		0.00034		Relative	iculated Del		bsolute
CO ₂	0.99038	0.00000		0.99235	1.507	0.203		0.0	1.846
H ₂ S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C_7 + Density	Total Sample
C ₁	0.00065	0.06725		0.00079	As Received	Gas Free		(kg/m³)	Density (kg/m ³)
C ₂	0.00003	0.00335	0.1	0.00005		Calculated P	seudo Critic	al Properties	
C₃	0.00000	0.00000	0.0	0.00003	A	s Sampled		Acid G	as Free
<i>i</i> C₄	0.00001	0.00088	TRACE	0.00001	7322.91	301.73		1764.26	55.33
nC₄	0.00000	0.00038	TRACE	0.00002	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
iC₅	0.00000	0.00035	TRACE	0.00001		Hydroge	n Sulfide (H	l₂S) (ppm)	
nC₅	0.00000	0.00041	TRACE	0.00001	Field	l Value	Labor	atory Value	g/m³
C6	0.00001	0.00090	TRACE	0.00000	0				0.00
C ₇ +	0.00000	0.00000	0.0	0.00000	Stain Tube	Tutweiler	Other	GC-SCD	-
τοται	1 00000	1 00000	0.2	1 00000	(GFA 23/7)	(GFA C1)		(ASTM D5504	
TOTAL	1.00000	1.00000	0.2	1.00000		Calavia	tod Malaaul	ar \\/aiabt	
						(Moisture	Free asReceiv	ved) (g/mol)	
WDMS Da	ta Verifica	tion Check	V					· ·- /	
					43.64			$\frac{0.00}{0.00}$	
						ampie			
						ed Vapour Pre		- Gas Com	nressihility
						ou vapour rit		0.0044	
					80.52	<u>a</u>)	_	U.9944 @15 °C & 101	.325 kPa
					Calculat 80.52 Cs+(kP	ted Vapour Pre 2 a)	essure – –	— Gas Com 0.9944 @15 ℃ & 101	pressibility .325 kPa

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

PROPERTIES OF C6+ FRACTION

Version: 1

11000319A	EE041504024W4MFI	Т	000188887	22ER86998	5A 22ER879418A
Container Identification	Sample Point Code	Meter Code	AGAT WDMS Number	Previous Numbe	er Laboratory Number
					04 45 040 0404
ENHANCE ENERGY Operator Name	INC	IVIE I E Samplir	R 090-FIT-100(ENH 0202)		U4-15-U4U-24VV4 Unique Well Identifier
ENHANCE CLIVE 4- ANALYZER	15 CO2 ACTL 20 CO2		-		
Well Name		Well License Well Status	Well Fluid S	tatus	LSD
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C ₆ +	Hexanes+	0.00001	0.00090	0.0475
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000
98.6+	C ₈ +	Octanes+	0.00000	0.00000	0.0000
125.8+	C₀+	Nonanes+	0.00000	0.00000	0.0000
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000
174.3+	C ₁₁ +	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000
98.6 - 125.8	C ₈	Octanes	0.00000	0.00000	0.0000
125.8 - 150.9	C۹	Nonanes	0.00000	0.00000	0.0000
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C₅	Cyclopentane	0.00000	0.00000	0.0000
68.73	C ₆	n-Hexane	0.00001	0.00090	0.0475
71.83	C ₆	Methylcyclopentane	0.00000	0.00000	0.0000
80.06	C ₆	Benzene	0.00000	0.00000	0.0000
80.78	C ₆	Cyclohexane	0.00000	0.00000	0.0000
99.24	C ₈ 2	2,2,4-Trimethylpentan	e 0.00000	0.00000	0.0000
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000
110.61	C ₇	Toluene	0.00000	0.00000	0.0000
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000
144.42	Cs	o-Xylene	0.00000	0.00000	0.0000
169.34	C ₉ 1	,2,4-Trimethylbenzer	ne 0.00000	0.00000	0.0000

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

EXTENDED GAS ANALYSIS

Version:	1

									vereien.
08001541A Container Identifi	cation EE04 ²	1504024W4M Point Code	FIT100G	Meter C	Code	00018888 AGAT WDM	3 7 S Number	22ER860667A Previous Number	22ER869985A Laboratory Number
						T 400/ENUL000	2)	04 45 040 0	
ENHANCE E	NERGY INC	,			Sampling Point	1-100(ENH 0202	2)	04-15-040-2 Uniaue Well Ide	24VV4 entifier
ENHANCE C	LIVE 4-15 C	02 ACTL 20	CO2						
ANALYZER									
Well Name			We	ell License Wel	l Status	Well Fluid	l Status	LSD	
CLIVE		Ν	OT APPL	ICABLE		AGAT RED DE	ER	BB/BA	
Field or Area		Po	ool or Zone			Sampler's Company	/	Name of Sample	er
Test Inter	/al (mKB)				<i>— Elevation (m)</i>	Pr	essure (kPa)	Tem	nperature (°C)
From :	To:	Test Type		No	KB GR		10	$\frac{10}{10}$	23
Mar 07, 2021	0.50 M		Mor 1	1 2022	Mar 11 202		Svotlong	Nikolio Boporte	Accented ar
Date/Time Samp	$\frac{2000}{Da}$	ar 08, 2022	Date Ar	1, 2022 nalvzed	Date Reported	Location - A	- Svellana Approved Bv	- Title	əl
Other					·				
Information :									
		COMPOS						PTIES	
		CONFO					FNOFL	KIIL3	
	Mole F	raction			Calcula	ated Heating Va	alue @15	°C & 101.325 k	Pa <i>(MJ/m³)</i> —
Ormerent	Air Free	Air & Acid Gas	Liquid	Mole Fraction Previous	of 0.40	Gross		Ne 0.40	et
Component	As Received	Received	mL / m ³	Analysis	U.12 Air Free as	Moisture &		0.10 Air Free as	13.52 Moisture &
H₂	0.00639	0.83507		0.00620	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	Iculated [Density	
N₂	0.00034	0.04505		0.00133	;	Relative		A	bsolute
CO2	0.99235	0.00000		0.99123	1.510	0.185		0.0	1.849
H₂S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid Gas Free		C ₇ + Density	Total Sample
C ₁	0.00079	0.10375		0.00073					2000.00 (1.g,)
C2	0.00005	0.00631	0.2	0.00005	5	Calculated F	Seudo Ci		_
C₃	0.00003	0.00343	0.1	0.00003	;	As Sampled		Acid G	as Free
<i>i</i> C₄	0.00001	0.00172	0.1	0.00005	7334.31	302.26	_	1796.54	59.16
nC4	0.00002	0.00230	0.1	0.00001	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
iC₅	0.00001	0.00138	0.1	0.00001		Hydroge	en Sulfide	e (H₂S) (ppm)	
nC₅	0.00001	0.00100	TRACE	0.00001	Fiel	d Value	La	boratory Value	g/m³
C6	0.00000	0.00000	0.0	0.00018	;				0.00
C ₇ +	0.00000	0.00000	0.0	0.00017	Stain Tube	Tutweiler	Other	GC-SCD	1)
TOTAL	1.00000	1.00000	0.5	1.00000				(1011112000-	r)
	I	1				— Calcula	ted Mole	cular Weight	
						(Moisture	e Free asRe	ceived) (g/mol)	
WDIVIS Da	ita verifica	tion Check			407	1		0.00	
					43.7 Total S	I Sample		C ₇ + Fraction	
								00	
						ited vapour Pre	essure –	Gas Com	pressibility —
					136.	40		0.9943	1 225 kDa
					C₅+(ki	Pa)		₩15 °C & 101	.323 KPa

Disclaimer: The result in this report has been confirmed by a duplicate run.

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

08001541A Container Identification	EE041504024W4MFI Sample Point Code	Meter Code	000188887 AGAT WDMS Number	22ER860667A Previous Number	22ER869985A Laboratory Number
ENHANCE ENERGY	(INC	METER Sampling	R 090-FIT-100(ENH 0202) g Point	04-15 	5-040-24W4 Well Identifier
ENHANCE CLIVE 4- ANALYZER	15 CO2 ACTL 20 CO2				
Well Name		Well License Well Status	Well Fluid S	tatus LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m ³)
36.2+	C ₆ +	Hexanes+	0.00000	0.00000	0.0000
68.9+	C ₇ +	Heptanes+	0.00000	0.00000	0.0000
98.6+	C ₈ +	Octanes+	0.00000	0.00000	0.0000
125.8+	C₂+	Nonanes+	0.00000	0.00000	0.0000
150.9+	C ₁₀ +	Decanes+	0.00000	0.00000	0.0000
174.3+	C ₁₁ +	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
					As Dessived
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	Liquid Volume (mL/m³)
68.9 - 98.6	C ₇	Heptanes	0.00000	0.00000	0.0000
98.6 - 125.8	C ₈	Octanes	0.00000	0.00000	0.0000
125.8 - 150.9	C۹	Nonanes	0.00000	0.00000	0.0000
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00000	0.0000
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C₅	Cyclopentane	0.00000	0.00000	0.0000
68.73	C6	n-Hexane	0.00000	0.00000	0.0000
71.83	C6	Methylcyclopentane	0.00000	0.00000	0.0000
80.06	C6	Benzene	0.00000	0.00000	0.0000
80.78	C6	Cyclohexane	0.00000	0.00000	0.0000
99.24	C _s	2,2,4-Trimethylpentane	e 0.00000	0.00000	0.0000
100.94	C ₇	Methylcyclohexane	0.00000	0.00000	0.0000
110.61	C ₇	Toluene	0.00000	0.00000	0.0000
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00000	0.0000
144.42	C₅	o-Xylene	0.00000	0.00000	0.0000
169.34	C ₉	1,2,4-Trimethylbenzene	e 0.00000	0.00000	0.0000

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

07000322A Container Identifi	EE041 cation Sample	504024W4M Point Code	FIT100G	Meter Code	6	00018888 AGAT WDMS	3 7 S Number	22ER850589A Previous Number	22ER860667A Laboratory Number
								04 45 040	0 414/4
Derator Name	INERGY INC			<u>IV</u> Si	IEIER 090-FI ampling Point	1-100(ENH 0202	<u>2)</u>	04-15-040- Unique Well Id	Z4VV4 entifier
ENHANCE C	LIVE 4-15 C	O2 ACTL 20	CO2						
ANALYZER					- 1		0.04-1		
well Name			We	li License Well St	atus	well Fluid	Status	LSD	
CLIVE		Ν	OT APPLI	CABLE		AGAT RED DE	ER	BA	
Field or Area		P	ool or Zone			Sampler's Company	/	Name of Samp	ler
Test Inter	/al (mKB)]			Elevation (m)	Pr	essure (kPa)	Tei	mperature (°C)
From :	То:	Test Type	Test	No. KE	B GRI	D 120 Source	15	50 10 Source	e 21 Received
Feb 09 2022	28·45 Fe	b 11 2022	Feh 1	7 2022	Feb 17 2022	P Calgary	- Gerry Fr	cker - Reporter	
Date/Time Samp	led Da	te Received	Date Ar	alyzed	Date Reported	Location - A	Approved By	- Title	
Other ME Information :	TER 090-FI	-100(ENH02	02)						
		COMPOS	SITION				PROPE	RTIES	
	Mole F	raction			Calcula	ated Heating Va	alue @15	5 °C & 101.325	(Pa <i>(MJ/m³)</i>
	Air Eree	Air & Acid Gas	Liquid	Mole Fraction of		Gross		N	et
Component	As Received	Free As Received	Volume mL / m ³	Analysis	0.19	21.34		0.17	19.09
Ha	0.00620	0.70620		0.01231	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0.00000		Ca	lculated [Density	
N ₂	0.00133	0.15140		0.00707		Relative		Jensity	Absolute
CO ₂	0.99123	0.00000		0.97616	1.510	0.405		725.2	1.850
H ₂ S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		C ₇ + Density	Total Sample
C ₁	0.00073	0.08257		0.00222	As Received	Gas Free		(kg/m³)	Density (kg/m³)
C ₂	0.00005	0.00607	0.2	0.00005		Calculated P	seudo Ci	ritical Properties	
C ₃	0.00003	0.00338	0.1	0.00000		s Sampled		Acid (Gas Free
iC ₄	0.00005	0.00512	0.2	0.00000	7329.96	302.22		2022.87	87.08
nC ₄	0.00001	0.00162	0.1	0.00000	pPc (kPa)	рТс (К)	-	pPc (kPa)	pTc (K)
iC ₅	0.00001	0.00116	TRACE	0.00000		Hydroge	en Sulfide	e (H ₂ S) (ppm)	
nC ₅	0.00001	0.00135	0.1	0.00000	Field	d Value	La	boratory Value	q/m³
C ₆	0.00018	0.02053	1.0	0.00027	0				0.00
C ₇ +	0.00017	0.02059	1.1	0.00192	Stain Tube	Tutweiler	Other	GC-SCD	
TOTAL	1.00000	1.00000	2.7	1.00000	(GFA 2377)	(GFA CI)		(ASTM D550	(4)
WDMS Da	ta Verificat	ion Check				(Moisture	ted Mole Free asRe	cular Weight eceived) (g/mol)	
Exceeded	compare li	nits: C1. C7			43.73 Total S	3 Sample		100.32 C ₇ + Fraction	
					Calcula	ted Vapour Pre	essure –	Gas Con	npressibility —
					33.9	1		0.9943	-
					$C_{s}+(kF)$	Pa)		@15 °C & 10	1.325 kPa
					1 <u> </u> '				

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

PROPERTIES OF C6+ FRACTION

Version: 1

07000322A Container Identification	EE041504024W4MFI Sample Point Code	T Meter Code	000188887 AGAT WDMS Number	22ER850589A Previous Number	22ER860667A Laboratory Number
ENHANCE ENERGY	/ INC	METER Sampling	R 090-FIT-100(ENH 0202) g Point	04-15 Unique	5-040-24W4 9 Well Identifier
ENHANCE CLIVE 4- ANALYZER	15 CO2 ACTL 20 CO2				
Well Name		Well License Well Status	Well Fluid S	tatus LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C ₆ +	Hexanes+	0.00035	0.04112	2.0381
68.9+	C ₇ +	Heptanes+	0.00017	0.02059	1.0546
98.6+	C ₈ +	Octanes+	0.00004	0.00570	0.3103
125.8+	C9+	Nonanes+	0.00001	0.00231	0.1399
150.9+	C ₁₀ +	Decanes+	0.00000	0.00084	0.0550
174.3+	C ₁₁ +	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
68.9 - 98.6	C ₇	Heptanes	0.00013	0.01489	0.7443
98.6 - 125.8	C ₈	Octanes	0.00003	0.00339	0.1704
125.8 - 150.9	C۹	Nonanes	0.00001	0.00148	0.0849
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00084	0.0550
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C₅	Cyclopentane	0.00001	0.00103	0.0442
68.73	C6	n-Hexane	0.00010	0.01143	0.5513
71.83	C6	Methylcyclopentane	0.00004	0.00486	0.2298
80.06	C ₆	Benzene	0.00001	0.00073	0.0238
80.78	C ₆	Cyclohexane	0.00001	0.00139	0.0641
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00000	0.00054	0.0329
100.94	C ₇	Methylcyclohexane	0.00001	0.00096	0.0450
110.61	C ₇	Toluene	0.00001	0.00103	0.0406
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00050	0.0227
144.42	C ₈	o-Xylene	0.00000	0.00000	0.0000
169.34	C ₉	,2,4-Trimethylbenzen	e 0.00000	0.00040	0.0234

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

11001151A Container Identifi	cation EE041	1504024W4MI Point Code	FIT100G	Meter Cod	e	00018888 AGAT WDMS	7 S Number	21ER836857A Previous Number	22ER850589A Laboratory Number
ENHANCE E	NERGY INC	;		<u>N</u>	IETER 090-FI ampling Point	T-100(ENH 0202	2)	04-15-040-2 Unique Well Ide	24W4 ntifier
ENHANCE C	LIVE 4-15 C	02 ACTL 20 0	CO2						
ANALYZER			We	ell License Well Si	tatus	Well Fluid	Status		
					atuo		olaluo	200	
CLIVE		N	OT APPL	ICABLE		AGAT RED DE	ER	BA	
Field or Area	(ol (mKP)	Pc	ol or Zone		Elevation (m)	Sampler's Company	(Doguro (kBa)	Name of Sample	
rest men	аі (ПКВ) ———				Elevation (m)		essure (kPa) 1 c		
From :	То:	Test Type	Tes	t No. Kl	B GRL	D Source	Rece	eived Source	Z I Received
Jan 10, 2022	8:55 Ja	un 11, 2022	Jan 1	3. 2022	Jan 13, 2022	Calgary	- Gerry Ed	cker - Reporter	
Date/Time Sample	led Da	te Received	Date A	nalyzed	Date Reported	Location - A	Approved By	- Title	
Other ME Information :	TER 090-FI	Г-100(ENH020	02)						
		COMPOS	SITION				PROPE	RTIES	
	Mole F	raction			Calcula	ated Heating Va	alue @15	°C & 101.325 k	Pa <i>(MJ/m³</i>) ——
	A: E	Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	et
Component	Air Free As Received	Free As Received	Volume ml / m ³	Analysis	0.68	28.54		0.61	25.72
Ha	0.01231	0.51662		0.00745	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00000	0.00000		0,00000		Ca	loulated [Density	
N ₂	0.00707	0.29660		0.00055		Ca Relative		A	bsolute
CO.	0.00707	0.00000		0.99153	1 500	0 702		761.6	1 838
H ₂ S	0.00000	0.00000		0.00000	Moisture Free	Moisture & Acid		$\frac{1}{C_{7}+\text{Density}}$	Total Sample
C.	0.00222	0.09320		0.00047	As Received	Gas Free		(kg/m³)	Density (kg/m³)
Ca	0.000222	0.00201	0.2	0.00000		Calculated P	seudo Ci	ritical Properties	
C ₂	0.00000	0.00000	0.0	0.00000	A	s Sampled		Acid G	as Free
iC.	0.00000	0.00000	0.0	0.00000	7258 12	299.86		2388 95	125.07
nC ₄	0.00000	0.00000	0.0	0.00000	pPc (kPa)	рТс (K)		pPc (kPa)	рТс (К)
iCr	0.00000	0.00000	0.0	0.00000		Hydroge	n Sulfide	$(H_{2}S)$ (ppm)	
nC₅	0.00000	0,00000	0.0	0,00000	Field	d Value	La	boratory Value	a/m³
C ₆	0.00027	0.01105	1.4	0.00000	0			-	0.00
C ₇ +	0.00192	0.08052	11.2	0.00000	Stain Tube	Tutweiler	Other	GC-SCD	
TOTAL	1.00000	1.00000	12.8	1.00000	(GPA 2377)	(GPA C1)		(ASTM D5504	()
			0			Calcula	ted Mole	cular Moight	
WDMS Da	ta Verificat	tion Check				(Moisture	Free asRe	ceived) (g/mol)	
					43.45 Total S	5 Sample		105.50 C7+ Fraction	
Exceeded	compare lii	mits: N2, C1,	C7					0 0	n roocih ilite
						ted vapour Pre	ssure –	Gas Com	pressibility —
						5	_	0.9941	225 kP2
					C₅+(kP	'a)		₩15 °C & 101	.320 KPa

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

PROPERTIES OF C6+ FRACTION

Version: 1

11001151A Container Identification	EE041504024W4MFI Sample Point Code	T Meter Code	000188887 AGAT WDMS Number	21ER836857A Previous Number	22ER850589A Laboratory Number
ENHANCE ENERGY	/ INC	METER Sampling	R 090-FIT-100(ENH 0202) g Point	04-13 Unique	5-040-24W4 9 Well Identifier
ENHANCE CLIVE 4- ANALYZER	15 CO2 ACTL 20 CO2				
Well Name		Well License Well Status	Well Fluid S	tatus LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C ₆ +	Hexanes+	0.00219	0.09157	12.6268
68.9+	C ₇ +	Heptanes+	0.00192	0.08052	11.2364
98.6+	C ₈ +	Octanes+	0.00145	0.06073	8.5777
125.8+	C9+	Nonanes+	0.00054	0.02283	3.3744
150.9+	C ₁₀ +	Decanes+	0.00007	0.00274	0.4487
174.3+	C ₁₁ +	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml /m³)
68.9 - 98.6	C ₇	Heptanes	0.00047	0.01979	2.6587
98.6 - 125.8	C ₈	Octanes	0.00091	0.03790	5.2033
125.8 - 150.9	C۹	Nonanes	0.00047	0.02009	2.9257
150.9 - 174.3	C ₁₀	Decanes	0.00007	0.00274	0.4487
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C₅	Cyclopentane	0.00009	0.00364	0.4222
68.73	C6	n-Hexane	0.00014	0.00566	0.7412
71.83	C6	Methylcyclopentane	0.00000	0.00000	0.0000
80.06	C ₆	Benzene	0.00007	0.00310	0.2757
80.78	C ₆	Cyclohexane	0.00007	0.00274	0.3429
99.24	C ₈ 2	2,2,4-Trimethylpentane	e 0.00002	0.00090	0.1492
100.94	C ₇	Methylcyclohexane	0.00020	0.00828	1.0599
110.61	C ₇	Toluene	0.00029	0.01212	1.2918
136.16	C ₈	Ethylbenzene	0.00003	0.00132	0.1624
138.33 ; 139.09	Cs	m&p-Xylene	0.00016	0.00690	0.8524
144.42	Cs	o-Xvlene	0.00004	0.00168	0.2038
169.34	C ₉ 1	,2,4-Trimethylbenzen	e 0.00002	0.00076	0.1205

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

•	·								Version: 1	
08000199C Container Identifi	EE041 cation Sample	504024W4DI Point Code	RYOUTLE	T Meter Co	ode	0001887 AGAT WDN	88 22 IS Number Pre	GR965975A vious Number	22GR974580C Laboratory Number	
ENHANCE E Operator Name	NERGY INC	:			DEXPRO DRY Sampling Point	OUTLET GAS		04-15-040-2 Unique Well Ider	4W4 htifier	
ENHANCE C	LIVE 4-15 B	ATTERY			<u></u>			100		
well Name			We	II LICENSE VVEII	Status	well Flui	la Status	LSD		
CLIVE		Ν	OT APPLI	CABLE		AGAT RED D	EER	BA/BB		
Field or Area		Po	ool or Zone			Sampler's Compar	лу	Name of Sample	er	
Test Interv	/al (mKB)				— Elevation (m)	F	Pressure (kPa)	Tem,	perature (°C)	
From ·	To	Test Type	Test	No.	KB GRI		e 4900	Source	21	
Dec 01 202	, o. 0 11.20 D		Dog 0	0 2022				Poportor	10001104	
Dec 01, 2022 Date/Time Samp	ed De De	te Received	Dec 0	o, 2022 nalyzed	Dec 08, 2022	Location -	Approved By - Title	- Repuilei		
Other FIE Information :	LD H2S BY	TUT = 2.42%								
		COMPOS	ITION		PROPERTIES					
	Mole F	raction			Calcula	ted Heating V	/alue @15 °C	& 101.325 kF	Pa (MJ/m³)	
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous	4.49 Air Free as	Gross 47.01 Moisture &	0.13 Ca+ Moisture	Net 4.07 Air Free as	t 42.81 Moisture &	
H.	0.0061	0.0738		0.0063	Received	Acid Gas Free	Free	Received	Acid Gas Free	
Ηρ	TRACE	TRACE		0.0003		— c	alculated Den	sitv -		
N _a	0.0059	0.0714		0.0060		Relative		A	bsolute	
CO ₂	0.8932	0.0000		0.8737	1.451	0.789	3.621	694.7	1.777	
H ₂ S	0.0242	0,0000		0.0187	Moisture Free	Moisture & Acid	C ₇ + Moisture	C_7 + Density	Total Sample	
C1	0.0520	0.6296		0 0714	As Necelled				Density (kg/III-)	
C ₂	0.0068	0.0823	24.2	0.0086			Pseudo Untica	a Properties		
C ₂	0.0056	0.0678	20.6	0.0068	A	s Sampled		Acid Ga	as Free	
iC ₄	0.0009	0.0109	3.9	0.0015	7152.6	298.5	4	185.5	215.5	
nC₄	0.0027	0.0327	11.4	0.0033	pPc (kPa)	рТс (К)	p	Pc (kPa)	рТс (К)	
íC ₅	0.0007	0.0085	3.4	0.0009			en Sulfide (H	S) (ppm) –		
nC₅	0.0008	0.0097	3.9	0.0011	Field	l Value	Labora	tory Value	g/m³	
C ₆	0.0005	0.0061	2.7	0.0007		24200			34.81	
C ₇ +	0.0006	0.0072	3.9	0.0009	Stain Tube	Tutweiler	Other	GC-SCD		
TOTAL	1.0000	1.0000	74.0	1.0000	(GFA 2377)	(GFA CI)		(ASTM D5504)		
						Calcula (Moisture F	ited Molecular Free as Receiv	Weight ved) (g/mol)		
			\wedge		40.0			101.0		
WDMS Da	ata Verifica	tion Check			42.0 Total Sa	ample		C ₇ + Fraction		
Exceeds n	ormal limits	:: CO2, H2			Calculat	ed Vapour Pr	essure	Gas Com	pressibility	
Exceeded	compare lin	nits: H2S, C1	I, C2, C3,	IC4, NC4	79.57	7		0.9925		
					C₅+ (kPa	a)		@15 °C & 101.	.325 kPa	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

·	•								Version: 1	
05003747A Container Identifi	EE041 sation Sample	504024W4DF	RYOUTLE	T Meter C	ode	0001887 AGAT WDN	88 22 IS Number Pro	CR949110B evious Number	22GR965975A Laboratory Number	
ENHANCE E Operator Name	NERGY INC	;			DEXPRO DRY Sampling Point	OUTLET GAS		04-15-040-2 Unique Well Ider	4W4 ntifier	
ENHANCE C	LIVE 4-15 B	ATTERY		<u></u>						
Well Name			We	ell License Well	Status	Well Flui	d Status	LSD		
CLIVE		N	OT APPL	ICABLE		AGAT RED D	EER	BA/BB		
Field or Area		Po	ol or Zone			Sampler's Compar	ıy	Name of Sample	ər	
Test Interv	ral (mKB)	7			Elevation (m)	F F	Pressure (kPa) —	Tem	perature (°C)	
Erom :	To:	Test Type		• No	KB CPI) 4200 Received		23	
	70.		Navid	4 0000					Neceneu	
Date/Time Sampl	$\frac{11.45}{\text{ed}}$ $\frac{100}{\text{Da}}$	te Received	INOV I Date Ar	1, 2022 nalyzed	_ NOV 11, 2022 Date Reported	Location -	Approved By - Title			
Other FIE Information :	LD H2S BY	TUT = 1.874%	6							
		COMPOS			PROPERTIES					
	Mole F	raction			Calcula	ted Heating V	/alue @15 °C	& 101.325 kF	Pa (<i>MJ/m³</i>) —	
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	5.66 Air Free as	48.04 Moisture &	0.20 C ₇ + Moisture	5.12 Air Free as	43.75 Moisture &	
H ₂	0.0063	0.0586		0.0061	Received	Acid Gas Free	Free	Received	Acid Gas Free	
He	0.0001	0.0009		0.0001		— c	alculated Der	nsity		
N ₂	0.0060	0.0558		0.0065		Relative		A	bsolute	
CO ₂	0.8737	0.0000		0.8970	1.435	0.791	3.675	696.8	1.757	
H₂S	0.0187	0.0000		0.0182	Moisture Free As Received	Moisture & Acid Gas Free	C₁+ Moisture Free	C ₇ + Density (ka/m ³)	Total Sample Densitv (kɑ/m³)	
C ₁	0.0714	0.6635		0.0540		Calculated	Pseudo Critic	al Properties		
C ₂	0.0086	0.0800	30.6	0.0071					-	
C₃	0.0068	0.0632	25.0	0.0055		is Sampleu		Acia Ga	as Free	
<i>i</i> C ₄	0.0015	0.0139	6.5	0.0010	7070.5	296.2		1246.7	218.5	
nC₄	0.0033	0.0307	13.9	0.0026	рРс (кРа)	ріс (К)	<i>F</i>	РС (кРа)	ріс (К)	
iC₅	0.0009	0.0084	4.4	0.0006		— Hydrog	en Sulfide (H	₂S) (ppm) –		
nC₅	0.0011	0.0102	5.3	0.0007	Field	l Value	Labor	atory Value	g/m³	
C₅	0.0007	0.0065	3.8	0.0003		18740			26.90	
C ₇ +	0.0009	0.0083	5.8	0.0003	Stain Tube	Tutweiler	Other	GC-SCD		
TOTAL	1.0000	1.0000	95.3	1.0000		Colouio		r Maight	/	
		1				(Moisture F	ree as Recei	ved) (g/mol)		
			\wedge		44.0			106 4		
WDMS Da	ata Verifica	tion Check			41.0 Total S	ample		C ₇ + Fraction		
Executor	armal limite				Calculat	ted Vapour Pr	essure	Gas Com	pressibility	
Exceeded (compare lin	nits: C1, C2,	C3, NC4	, C7	76 67	7		0.9922		
					$\frac{1}{C_{s}+(kPa)}$	a)		@15 °C & 101.	.325 kPa	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

·	·								Version: 1
07000983B Container Identifi	EE04 cation Sample	1504024W4D Point Code	RYOUTLE	T Meter Co	ode	0001887 AGAT WDM	88 IS Number	22GR937859A Previous Number	22GR949110B Laboratory Number
ENHANCE E Operator Name	ENERGY INC	;			DEXPRO DRY Sampling Point	OUTLET GAS		04-15-040-2 Unique Well Ide	24W4
ENHANCE C	CLIVE 4-15 B	ATTERY			<u>Otatus</u>	14/-11 51.5	-1.04-4		
well Name			We	ell License Vvell	Status	weii Fiui	d Status	LSD	
CLIVE		Ν	OT APPL	ICABLE		AGAT RED D	EER	BA/BB	
Field or Area		Po	ool or Zone			Sampler's Compan	iy (i =))	Name of Sample	er (1.2)
Test Interv	val (mKB)				 Elevation (m) 	P	ressure (kPa)		perature (°C)
From :	То:	Test Type	Test	No.	KB GRL		9 35 9 Rece	oived Source	Z3 Received
Oct 03 2022	0.50 O	ct 0/1 2022		7 2022	Oct 07 2022	Calgary	- Bornio F		
Date/Time Samp	$\frac{0}{1}$ led $\frac{0}{1}$	ate Received	Date Ar	nalyzed	Date Reported	Location -	Approved By	- Title	
Other FIE Information :	ELD H2S BY	TUT = 1.82%							
		COMPOS	SITION				PROPE	RTIES	
	Mole I	raction			Calcula	ted Heating V	alue @15	°C & 101.325 kl	Pa <i>(MJ/m³)</i>
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	4.30 Air Free as	Gross 45.27 Moisture &	0.06 C7+ Moisture	Ne 3.89 Air Free as	et 41.21 Moisture &
H ₂	0.0061	0.0719		0.0059	Received	Acid Gas Free	Free	Received	Acid Gas Free
He	0.0001	0.0012		0.0001		Ca	alculated	Density	
N ₂	0.0065	0.0767		0.0063		Relative		A	bsolute
CO2	0.8970	0.0000		0.8759	1.449	0.765	3.621	694.7	1.775
H₂S	0.0182	0.0000		0.0189	As Received	Moisture & Acid Gas Free	C7+ Moisture Free	e C ₇ + Density (kg/m ³)	Total Sample Density (kg/m³)
C ₁	0.0540	0.6366		0.0586		Calculated F	Pseudo C	ritical Properties	
C2	0.0071	0.0837	25.2	0.0081		s Sampled		Acid G	as Eroo
C₃	0.0055	0.0649	20.2	0.0077				Acia G	
<i>i</i> C₄	0.0010	0.0118	4.4	0.0015	7136.9	297.5	_	4196.8	$\frac{211.7}{272}$
nC ₄	0.0026	0.0307	10.9	0.0049		pre (K)		ρες (κεα)	
iC₅	0.0006	0.0071	2.9	0.0021		— Hydrog	en Sulfide	e (H₂S) (ppm)	
nC₅	0.0007	0.0083	3.4	0.0030	Field	l Value	La	boratory Value	g/m³
C6	0.0003	0.0035	1.6	0.0028		18200			26.18
C ₇ +	0.0003	0.0036	1.9	0.0042	(GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504	t)
TOTAL	1.0000	1.0000	70.5	1.0000		Calcula	tod Moloc	ular Woight	
<u>_</u>	1					(Moisture F	ree as Re	eceived) (g/mol)	
					42.0	ample		104.9	
WDIMS Da	ata verifica	tion Check				ed Vapour Pr	essure —	Gas Com	pressibility
Exceeds n Exceeded	ormal limits compare lir	s: CO2, H2 nits: C1. C2.	C3, NC4	. C6. C7			555415	0 0036	prossibility
	•	, ,	-	- <i>•</i>	$\frac{1}{C_{s+}(kPa)}$	• a)		@15 °C & 101	.325 kPa
					11			1	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

·									Version: 1		
00019151A Container Identifi	EE041	504024W4DI Point Code	RYOUTLE	T Meter Co	ode	0001887 AGAT WDM	88 22 IS Number Pre	GR926845B vious Number	22GR937859A Laboratory Number		
ENHANCE E Operator Name	NERGY INC				DEXPRO DRY Sampling Point	OUTLET GAS		04-15-040-2 Unique Well Ider	4W4 htifier		
ENHANCE C	LIVE 4-15 B	ATTERY									
Well Name			We	ll License Well	Status	Well Flui	d Status	LSD			
CLIVE		N	OT APPLI	CABLE		AGAT RED D	EER	BB/BA			
Field or Area		Po	ool or Zone			Sampler's Compar	<i>iy</i>	Name of Sample	er		
Test Interv	al (mKB)				Elevation (m)	<i>P</i>	Pressure (kPa) ——	Tem	perature (°C)		
	To:	Toot Turno	Toot	<u> </u>		3800	<u>3300</u>	11	<u>21</u>		
0 04 - 0000	10.		0 0						Received		
Sep 01, 2022 Date/Time Sampl	$\frac{2}{11:35}$ $\frac{Se}{Da}$	ep 06, 2022	Date An	9, 2022 alvzed	Sep 09, 2022	Calgary	- Gerry Ecker	- Reporter			
Other FIE Information :	LD H2S BY	TUT = 1.89%			-						
		COMPOS	SITION		PROPERTIES						
	Mole F	raction			Calcula	ted Heating V	alue @15 °C	& 101.325 kF	Pa (<i>MJ/m³</i>)		
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	6.97 Air Free as	Gross 61.68 Moisture &	0.90 C ₇ + Moisture	Net 6.34 Air Free as	t 56.36 Moisture &		
H ₂	0.0059	0.0561		0.0061	Received	Acid Gas Free	Free	Received	Acid Gas Free		
He	0.0001	0.0010		0.0001		— c	alculated Den	sity -			
N ₂	0.0063	0.0599		0.0070		Relative		Â	bsolute		
CO ₂	0.8759	0.0000		0.8657	1.461	1.029	3.632	695.1	1.790		
H ₂ S	0.0189	0.0000		0.0188	Moisture Free	Moisture & Acid	C₂+ Moisture Free	C ₇ + Density (ka/m ³)	Total Sample		
C ₁	0.0586	0.5568		0.0761		Calculated	Psoudo Critica		2 on only (ng/m)		
C ₂	0.0081	0.0770	28.8	0.0085					_		
C ₃	0.0077	0.0732	28.3	0.0076	A	s sampled		Acid Ga	as Free		
iC4	0.0015	0.0143	6.5	0.0014	7063.2	299.7	4	101.9	249.9		
nC₄	0.0049	0.0466	20.6	0.0040	pPc (kPa)	рТс (К)	pl	Pc (kPa)	рТс (К)		
<i>i</i> C ₅	0.0021	0.0200	10.3	0.0010		— Hydrog	en Sulfide (H ₂	S) (ppm) –			
nC₅	0.0030	0.0285	14.5	0.0013	Field	l Value	Labora	tory Value	g/m³		
C ₆	0.0028	0.0266	15.4	0.0009		18900			27.19		
C ₇ +	0.0042	0.0400	26.9	0.0015	Stain Tube	Tutweiler	Other	GC-SCD	· · · · · · · · · · · · · · · · · · ·		
TOTAL	1.0000	1.0000	151.3	1.0000	(GFA 2377)			(ASTM D5504)	/		
						Calcula (Moisture F	ted Molecular ree as Receiv	Weight red) (g/mol)			
						,		, (0 ,			
	to Vorifica	tion Choole			42.3 Total Si	ample		105.2			
	ita verifica	uon Check									
Exceeds no	ormal limits	: CO2, H2	1 66 67			ed Vapour Pr	essure	— Gas Com	oressibility		
	sompare illi	11115. UT, NU	+, 00, 07		$\frac{61.96}{C_{s+(kPa)}}$	D a)		0.9828 @15 °C & 101.	325 kPa		

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

•									Version: 1		
11001108B EE041504024W4DRYOUTLET						00018878	38	22GR915637B	22GR926845B		
Container Identifi	ontainer Identification Sample Point Code Meter Code			ode	AGAT WDM	S Number	Previous Number	Laboratory Number			
ENHANCE F						OUTLET GAS		04-15-040-2	۵ <i>\\\</i> /۵		
Operator Name					Sampling Point	COTLET C/10		Unique Well Iden	ntifier		
		ATTEDV									
Well Name			We	Il License Well	Status	Well Fluid	d Status	LSD			
		N	OT APPLI	CABLE	AGAI RED DEER BB/BA						
Pielo or Area P —— Test Interval (mKB) ———					Elevation (m)		y ressure (kPa)		v perature (°C)		
						3750	370	0 8	23		
From :	To:	Test Type	Test No. K		KB GRD	Source	e Recei	ved Source	Received		
Aug 03, 2022	2 12:05 Au	ig 05, 2022	Aug 1	Aug 12, 2022 Aug 12, 2022			Calgary - Svetlana Nikolic - Reporter				
Date/Time Samp	led Da	te Received	Date An	alyzed	Date Reported	Location -	Approved By -	Title			
Other FIE Information :	LD H2S BY	IUI = 1.882%	6								
		COMPOS					PROPER	RTIES			
		COMPOS				tod Hooting V	alua @15		Do (111/m3)		
	Mole F	raction			Calcula	Gross		C & 101.325 KF	a (<i>IVIJ/III^s)</i>		
Component	Air Free	Air & Acid Gas	Volume	Mole Fraction	6.19	49.36	0.33	5.60	44.97		
Component	As Received	Received	mL / m³	Analysis	Air Free as	Moisture &	C ₇ + Moisture	Air Free as	Moisture &		
H₂	0.0061	0.0528		0.0063	Received	Acia Gas Free	Fiee	Received	Acia Gas Free		
He	0.0001	0.0009		0.0001		Ca	alculated D	Density -			
N ₂	0.0070	0.0606		0.0066		Relative		Al	bsolute		
CO2	0.8657	0.0000		0.8783	1.432	0.819	3.686	<u>697.2</u>	1.754		
H₂S	0.0188	0.0000		0.0172	As Received	Gas Free	C7+ Moisture Free	(kg/m ³)	Density (kg/m³)		
C ₁	0.0761	0.6588		0.0705		Calculated F	Pseudo Cri	tical Properties			
C ₂	0.0085	0.0736	30.2	0.0086	A	s Sampled	1	Acid Gas Free			
C ₃	0.0076	0.0658	27.9	0.0060							
<i>i</i> C ₄	0.0014	0.0121	6.1	0.0011	$\frac{7045.6}{R^{2}}$	295.9	_	4242.9	221.9		
nC ₄	0.0040	0.0346	16.8	0.0026		pre (r)					
iC₅	0.0010	0.0087	4.9	0.0008		– Hydrog	en Sulfide	(H₂S) (ppm) –			
nC₅	0.0013	0.0113	6.3	0.0010	Field	Value	Lat	ooratory Value	g/m³		
C ₆	0.0009	0.0078	4.9	0.0005		18820			27.05		
C ₇ +	0.0015	0.0130	9.7	0.0004	(GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)			
TOTAL	1.0000	1.0000	106.8	1.0000		Calaulai	tod Molee	Jor Woight			
<u></u>		1		1	' <u> </u>	(Moisture F	ree as Rec	ceived) (g/mol)			
			0					(9,110)			
					41.5			106.7			
WDMS Da	ata Verifica	tion Check			Total Sa	ample		C ₇ + Fraction			
					Calculat	ed Vapour Pre	essure 🗆	Gas Com	oressibility		
Exceeds n	ormal limits	: CO2, H2							-		
Exceeded	compare lin	nits: C1, C3,	NC4, C7		68.80	68.80			0.9904		
					Cs+ (kPa	a)		@15 ℃ & 101.	320 KPa		

Disclaimer: The result in this report has been confirmed by a duplicate run.

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

·	•								Version: 1		
13001496D Container Identific	001496D EE041504024W4WB ntainer Identification Sample Point Code		ETINLET	Meter	Code	0001891 AGAT WDM	82 IS Number	22GR901610C Previous Number	22GR915637D Laboratory Number		
ENHANCE ENERGY INC D Operator Name Sc					DEXPRO WET Sampling Point	DEXPRO WET INLET GAS 04-15-040-24W4 Sampling Point Unique Well Identifier					
ENHANCE C	LIVE 4-15 B	ATTERY									
Well Name			We	Il License We	ell Status	Well Flui	id Status	LSD			
CLIVE		Ν	OT APPLI	CABLE		AGAT RED D	EER	BB/BA			
Field or Area Pool			ool or Zone	ol or Zone			ıy	Name of Sample	r		
Test Interv	al (mKB)	7			<i>Elevation (m)</i>	<i>P</i>	Pressure (kPa)	Тетр	perature (°C)		
Erom :	To:	Tost Tupo	Tost	No) <u>34</u>		<u>23</u>		
	10.50								Necened		
JUI 04, 2022 Date/Time Sampl	$\frac{10.50}{Da}$	II 00, 2022	Jui Ua Date Ar	alvzed	Date Reported	Location -	Approved By	- Title			
Other FIE Information :	LD H2S BY	TUT: 1.72%		-							
		COMPOS	SITION				PROPE	RTIES			
	Mole F	raction			Calcula	ted Heating V	alue @15/	°C & 101.325 kF	Pa (MJ/m³)		
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fractio of Previous Analysis	n 5.27 Air Free as	Gross 45.90 Moisture &	0.08 C7+ Moisture	Air Free as	t 41.77 Moisture &		
H₂	0.0062	0.0590		0.0065	Received	Acid Gas Free	Free	Received	Acid Gas Free		
He	0.0001	0.0010		0.0001		C	alculated I	Density -			
N₂	0.0067	0.0637		0.0067		Relative		A	bsolute		
CO2	0.8777	0.0000		0.8833	1.434	0.762	3.581	693.0	1.756		
H₂S	0.0172	0.0000		0.0151	As Received	Moisture & Acid Gas Free	C7+ Moisture Free	e C7+ Density (kg/m ³)	Total Sample Density (kg/m³)		
C ₁	0.0706	0.6716		0.0660		Calculated I	Pseudo Cr	ritical Properties			
C2	0.0085	0.0809	30.2	0.0081	Α	s Sampled		Acid Ga	as Fraa		
C₃	0.0060	0.0571	22.0	0.0067					13 / / ee		
<i>i</i> C ₄	0.0012	0.0114	5.2	0.0011	$\frac{7076.7}{pRc(kRa)}$	295.8		4254.2	$\frac{213.6}{pT_{C}(K)}$		
<i>n</i> C₄	0.0030	0.0285	12.6	0.0031				pr c (kr a)			
<i>i</i> C₅	0.0009	0.0086	4.4	0.0008		— Hydrog	en Sulfide	e (H₂S) (ppm) –			
nC₅	0.0010	0.0095	4.8	0.0010	Field	l Value	La	boratory Value	g/m³		
C ₆	0.0005	0.0048	2.7	0.0006		17200			24.74		
C ₇ +	0.0004	0.0039	2.5	0.0009	(GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504))		
TOTAL	1.0000	1.0000	84.4	1.0000		Calcula	tod Moloc	ular Moight			
LI						(Moisture F	ree as Re	ceived) (g/mol)			
WDMS Da	ata Verifica	ition Check			41.5 Total Se	ample		103.7 C ₇ + Fraction			
Exceeds no	ormal limits	s: CO2, H2			Calculat	Calculated Vapour Pressure Gas Compressibility					
Exceeded compare limits: H2S, C1, C3					91.10	91.10			0.9935		
					C ₅ + (kPa	$\frac{C_{s+1}(Pa)}{C_{s+}(kPa)}$			@15 °C & 101.325 kPa		

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

•	•								Version: 1	
05002576B EE041504024W4DRYOUT Container Identification Sample Point Code			RYOUTLE	UTLET Meter Code			88 1S Number	22GR901610D Previous Number	22GR915637E	
ENHANCE E Operator Name	NERGY INC	;		[DEXPRO DRY	OUTLET GAS		04-15-040-2 Unique Well Ider	4W4 ntifier	
ENHANCE C	LIVE 4-15 B	ATTERY								
Well Name			We	ell License Well S	Status	Well Flui	id Status	LSD		
CLIVE		N	OT APPL	ICABLE		AGAT RED D	EER	BB/BA		
Field or Area		Po	ol or Zone			Sampler's Company Name of Sampler				
Test Inter	/al (mKB)	7			Elevation (m)	<i>F</i>	Pressure (kPa)	Temp	perature (°C)	
			Toot Turpo Toot No Ki			3700) 340		<u>23</u>	
	10.								Neceived	
JUI 04, 2022 Date/Time Samp	$\frac{10:40}{\text{led}}$ $\frac{\text{JU}}{\text{Da}}$	II 06, 2022 te Received	Date A	3, 2022 nalvzed	JUI 08, 2022 Date Reported	Location -	Approved By -	Title		
Other FIE Information :	LD H2S BY	TUT: 1.72%			·					
		COMPOS	ITION				PROPE	RTIES		
	Mole F	raction			Calcula	ted Heating V	'alue @15	°C & 101.325 kF	Pa (MJ/m³) —	
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	5.20 Air Free as	Gross 45.47 Moisture &	0.08 C7+ Moisture	Air Free as	t 41.37 Moisture &	
H₂	0.0063	0.0603		0.0061	Received	Acid Gas Free	Free	Received	Acid Gas Free	
He	0.0001	0.0010		0.0001		— c	alculated [Density -		
N₂	0.0066	0.0632		0.0068		Relative		A	bsolute	
CO2	0.8783	0.0000		0.8726	1.434	0.754	3.581	693.0	1.756	
H₂S	0.0172	0.0000		0.0160	As Received	Moisture & Acid Gas Free	C₂+ Moisture Free	C7+ Density (kg/m ³)	Total Sample Density (kg/m³)	
C ₁	0.0705	0.6744		0.0738		Calculated	Pseudo Cr	itical Properties		
C2	0.0086	0.0823	30.6	0.0085		s Sampled		Acid G		
C₃	0.0060	0.0574	22.0	0.0074		e campica		Acia Ga	is riee	
<i>i</i> C ₄	0.0011	0.0105	4.8	0.0012	$\frac{7078.8}{R^{20}}$	295.7		4255.5	212.3	
nC₄	0.0026	0.0249	10.9	0.0038				ρες (κεα)		
iC₅	0.0008	0.0077	3.9	0.0010		— Hydrog	en Sulfide	- (H₂S) (ppm) –		
nC₅	0.0010	0.0096	4.8	0.0012	Field	Value	La	boratory Value	g/m³	
C ₆	0.0005	0.0048	2.7	0.0007		17200			24.74	
C ₇ +	0.0004	0.0039	2.5	0.0008	Stain Tube (GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504))	
TOTAL	1.0000	1.0000	82.2	1.0000		Colouio	ted Males	ular Weight		
		1 1				(Moisture F	ree as Re	ceived) (g/mol)		
	ata Vorifica	tion Chook			41.5 Total Sample 103.7					
						ed Vapour Pr	essure –	Gas Com	oressibility —	
Exceeds n Exceeded	ormal limits compare lin	s: CO2, H2 nits: C1, C3,	NC4		89.25 0.9937				·	
					$\frac{\overline{C_{s+}(kPa)}}{\overline{C_{s+}(kPa)}}$			@ 15 °C & 101.325 kPa		

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

·	•								Version: 1		
1002163D EE041504024W4DRYOUTLET Container Identification Sample Point Code Meter				T Meter Coo	de	00018878 AGAT WDM	38 2 S Number F	2GR889530B Previous Number	22GR901610D Laboratory Number		
ENHANCE ENERGY INC D Operator Name Sa					DEXPRO DRY OUTLET GAS 04-15-040-24W4 Sampling Point Unique Well Identifier						
ENHANCE C	LIVE 4-15 B	ATTERY									
Well Name			We	ell License Well S	Status	Well Flui	d Status	LSD			
CLIVE		Ν	OT APPL	ICABLE	AGAT RED DEER BB/BA						
Field or Area			ool or Zone			Sampler's Company Name of Sampler					
Test Interv	/al (mKB)				Elevation (m)	P	ressure (kPa) —	Tem	perature (°C)		
	To:	Toot Turpo				3785	3350		<u>21</u>		
FI0111.	10.		lesi		GRE GRE	GRD Source Received Source Receive					
Jun 01, 2022	12:00 Ju	IN 02, 2022	Jun 0	8, 2022 alvzed	Jun 08, 2022	Calgary	- Gerry Ecke Approved By - Ti	er - Reporter			
Other FIE Information :	ELD H2S BY	TUT = 1.08%	/LAB = 1.6	60%	1						
		COMPOS	SITION				PROPER	TIES			
	Mole F	raction			Calcula	ted Heating V	alue @15 °(C & 101.325 kF	Pa (<i>MJ/m³</i>) —		
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	5.76 Air Free as	Gross 47.94 Moisture &	0.17 C ₇ + Moisture	Ne 5.21 Air Free as	t 43.65 Moisture &		
H₂	0.0061	0.0548		0.0063	Received	Acid Gas Free	Free	Received	Acid Gas Free		
He	0.0001	0.0009		0.0001		— Ca	alculated De	ensity -			
N ₂	0.0068	0.0610		0.0070		Relative		A	bsolute		
CO2	0.8726	0.0000		0.8613	1.433	0.795	3.641	695.5	1.755		
H₂S	0.0160	0.0000		0.0227	Moisture Free As Received	Moisture & Acid Gas Free	C₂+ Moisture Free	C ₇ + Density (kq/m ³)	Total Sample Density (kq/m³)		
C ₁	0.0738	0.6624		0.0790		Calculated F	Pseudo Criti	cal Properties			
C ₂	0.0085	0.0763	30.2	0.0086		s Sampled					
C₃	0.0074	0.0664	27.2	0.0072		s Sampled		Acia Ga	as rree		
iC4	0.0012	0.0108	5.2	0.0012	7054.9	295.7		4252.3	218.9		
nC₄	0.0038	0.0341	16.0	0.0033	pPc (kPa)	pic (K)		pPc (kPa)	pic (K)		
iC₅	0.0010	0.0090	4.9	0.0008		— Hydrog	en Sulfide (I	H₂S) (ppm) –			
nC₅	0.0012	0.0108	5.8	0.0010	Field	l Value	Labo	ratory Value	g/m³		
C ₆	0.0007	0.0063	3.8	0.0006				16000	23.02		
C ₇ +	0.0008	0.0072	5.2	0.0009	Stain Tube	Tutweiler	Other	GC-SCD			
TOTAL	1.0000	1.0000	98.3	1.0000	(GFA 2377))		
					Calculated Molecular Weight (Moisture Free as Received) (q/mol)						
			0			((g,e.)			
					41.5	41.5			105.5		
WDMS Da	ata Verifica	tion Check			Total Sample			C ₇ + Fraction			
Exceeds n	ormal limits	s: CO2, H2			Calculated Vapour Pressure Gas Compressibility				pressibility		
Exceeded	compare lin	nits: H2S, C	1		81.20			0.9923			
					C ₅ + (kPa	a)		@15 °C & 101.	.325 kPa		

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.
GAS ANALYSIS

									Version: 1
11005778C Container Identifi	EE041 cation Sample	504024W4W Point Code	ETINLET	Meter Co	ode	0001891	82 22 IS Number Pre	GR889530C	22GR901610C Laboratory Number
	,								
ENHANCE E	NERGY INC	,			DEXPRO WET	INLET GAS		04-15-040-2	4W4
Operator Name					Sampling Fornt			Unique Weil Ider	
ENHANCE C	CLIVE 4-15 B	ATTERY							
Well Name			We	Il License Well	Status	Well Flui	d Status	LSD	
CLIVE		N	OT APPLI	CABLE		AGAT RED D	EER	BB/BA	
Field or Area		Po	ool or Zone			Sampler's Compar	<i>y</i>	Name of Sample	er
Test Inter	val (mKB)]			— Elevation (m)	<i>P</i>	ressure (kPa) —	Tem	perature (°C)
From :	To:	Test Type	Tost	- No			3300 <u>3300</u>		21
hum 01 0000	70. 11.45		lum O	0.0000					Received
JUN 01, 2022 Date/Time Samp	2 11:45 Ju led Da	IN UZ, ZUZZ	Jun U Date Ar	8, 2022 nalvzed	_ JUN 08, 2022 Date Reported	Location -	- Gerry Ecker Approved By - Title	- Reporter	
Other FIE Information :	ELD H2S BY	TUT = 1.08%/	/LAB = 1.5	51%					
		COMPOS	SITION				PROPERT	IES	
	Mole F	raction			Calcula	ated Heating V	alue @15 °C	& 101.325 kF	Pa (<i>MJ/m³</i>)
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	5.21 Air Free as	47.33 Moisture &	0.20 C ₇ + Moisture	4.71 Air Free as	43.10 Moisture &
H₂	0.0065	0.0640		0.0064	Received	Acid Gas Free	Free	Received	Acid Gas Free
He	0.0001	0.0010		0.0001		C:	alculated Den	sity	
N ₂	0.0067	0.0659		0.0172		Relative		A	bsolute
CO2	0.8833	0.0000		0.8507	1.440	0.789	3.729	698.8	1.764
H₂S	0.0151	0.0000		0.0227	As Received	Gas Free	C7+ Moisture Free	(kg/m ³)	Density (kg/m³)
C ₁	0.0660	0.6497		0.0781		Calculated I	Pseudo Critica	al Properties	
C ₂	0.0081	0.0797	28.8	0.0085	A	s Sampled		Acid G	as Free
C₃	0.0067	0.0659	24.6	0.0069		,			040 5
<i>i</i> C ₄	0.0011	0.0108	4.8	0.0011	$\frac{1080.7}{pPc(kPa)}$	296.2	- 4	219.1	$\frac{216.5}{n^{T_{c}}(K)}$
nC ₄	0.0031	0.0305	13.0	0.0032		p. 0 (. 9	P		p. 5 (. 9
iC₅	0.0008	0.0079	3.9	0.0008		– Hydrog	en Sulfide (H	₂S) (ppm) –	
nC₅	0.0010	0.0098	4.8	0.0011	Field	d Value	Labora	atory Value	g/m³
C ₆	0.0006	0.0059	3.3	0.0009				15100	21.72
C ₇ +	0.0009	0.0089	6.0	0.0023	(GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504))
TOTAL	1.0000	1.0000	89.2	1.0000		Calcula	ted Molecular	· Weight	
						(Moisture F	ree as Receiv	ved) (g/mol)	
			\wedge		/117			108.0	
WDMS Da	ata Verifica	tion Check			Total S	Sample		C_7 + Fraction	
Exceeds n	ormal limits	s: CO2, H2			Calculat	ted Vapour Pr	essure	Gas Com	oressibility
Exceeded	compare lin	nits: H2S, C1	I, C7		75.00	0		0.9915	
					C₅+ (kP	a)		@15 °C & 101.	325 kPa

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

·	•								Version: 1
00011535C Container Identifi	EE04 ² cation Sample	1504024W4W Point Code	ETINLET	Meter C	Code	0001891 AGAT WDM	82 IS Number	21GR766371D Previous Number	22GR889530C Laboratory Number
ENHANCE E Operator Name	ENERGY INC	;			DEXPRO WET Sampling Point	INLET GAS		04-15-040-2 Unique Well Ider	4W4
ENHANCE C	CLIVE 4-15 B	ATTERY		<u> ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;</u>	Il Statua		id Status		
well Name			we	li License Vvei	l Status	vveii Fiui	d Status	LSD	
CLIVE		Ν	OT APPLI	CABLE		AGAT RED D	EER	BB/BA	
Field or Area		Po	ool or Zone			Sampler's Compar	ıy	Name of Sample	r
Test Inter	val (mKB)				Elevation (m)	P	Pressure (kPa) -	Temp	perature (°C)
Erom :	To:	Tost Turno	Tost	No				$\frac{0}{11}$	<u>21</u>
	70.		I est	NO.					Received
May 03, 202 Date/Time Samp	$\frac{29:35}{\text{led}}$	ay 05, 2022	May 1	2, 2022 alvzed	May 12, 2022	2 Calgary	- Gerry EC	ker - Reporter	
Other FIE Information :	ELD H2S BY	TUT = 2.27%							
		COMPOS	SITION				PROPER	TIES	
	Mole F	raction			Calcula	ated Heating V	′alue @15 ′	°C & 101.325 kF	Pa (MJ/m³)
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	6.30 Air Free as	45.14 Moisture &	0.52 C ₇ + Moisture	5.70 Air Free as	41.12 Moisture &
H ₂	0.0064	0.0506		0.0066	Received	Acid Gas Free	Free	Received	Acid Gas Free
He	0.0001	0.0008		TRACE		C	alculated D	ensity -	
N ₂	0.0172	0.1359		0.0056		Relative		A	bsolute
CO ₂	0.8507	0.0000		0.8967	1.424	0.826	3.839	702.8	1.744
H ₂ S	0.0227	0.0000		0.0156	Moisture Free As Received	Moisture & Acid Gas Free	C7+ Moisture	C_7 + Density (kg/m ³)	Total Sample
C ₁	0.0781	0.6168		0.0536		Coloulated	Dooudo Crit		
C ₂	0.0085	0.0671	30.2	0.0073				lical Properties	
C ₃	0.0069	0.0545	25.4	0.0063	A	is Sampled		Acid Ga	as Free
iC4	0.0011	0.0087	4.8	0.0010	7007.7	294.0		4168.6	212.1
nC₄	0.0032	0.0253	13.5	0.0031	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
íC ₅	0.0008	0.0063	3.9	0.0009	1		en Sulfide	(H ₂ S) (ppm) –	
nC₅	0.0011	0.0087	5.3	0.0012	Field	l Value	Lab	oratory Value	g/m³
C ₆	0.0009	0.0071	4.9	0.0009		22700			32.66
C ₇ +	0.0023	0.0182	15.5	0.0012	Stain Tube	Tutweiler	Other	GC-SCD	
ΤΟΤΑΙ	1 0000	1,0000	103.5	1 0000	(GPA 2377)	(GPA C1)		(ASTM D5504))
TOTAL	1.0000	1.0000	100.0	1.0000		Calcula	ted Molecu	lar Weight	
						(Moisture F	ree as Rec	eived) (g/mol)	
			\wedge		41 2			111 2	
WDMS Da	ata Verifica	tion Check			Total S	ample		C ₇ + Fraction	
Exceeds n	ormal limits	: CO2 H2			Calculat	ted Vapour Pr	essure	Gas Com	oressibility
Exceeded	compare lin	nits: H2S, C ²	1, C2, C3,	C7	54.24	4		0.9886	
	-				$\frac{C_{s+L}}{C_{s+(kP)}}$	- a)	—	@15 °C & 101.	325 kPa

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

GAS ANALYSIS

·	•									Version: 1
04001421B Container Identifi	cation EE04 ²	1504024W4DI Point Code	RYOUTLE	T Meter C	Code	0001887 AGAT WDM	88 IS Number	21G7808 Previous Nui	95A mber	22GR889530B Laboratory Number
		,			DEXPRO DRY	OUTLET GAS		04-15	5-040-24	4W4
Operator Name					Sampling Point			Unique	vveli iden	tifier
ENHANCE C	LIVE 4-15 B	ATTERY								
Well Name			We	ell License We	ll Status	Well Flui	d Status	LSD		
CLIVE		Ν	OT APPL	ICABLE		AGAT RED D	EER	BB/B	A	
Field or Area		Po	ool or Zone			Sampler's Compar	ıy	Name	of Sample	r
Test Inter	/al (mKB)				Elevation (m)	<i>P</i>	Pressure (kPa)		— Тетр	erature (°C)
	T- :					3780	33	00	11	21
From :	10:		Test		KB GRL				Source	Received
May 03, 202 Date/Time Samp	2 9:45 M	ay 05, 2022	May 1	12, 2022 nalvzed	May 12, 2022	2 Calgary	- Gerry E	cker - Repo	orter	
Other FIE Information :	LD H2S BY	TUT = 2.27%		,			·			
		COMPOS	SITION				PROPE	RTIES		
	Mole F	Fraction			Calcula	ted Heating V	alue @15	5 °C & 101.	.325 kF	'a <i>(MJ/m³)</i>
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fraction of Previous Analysis	h 6.00 Air Free as	Gross 46.66 Moisture &	0.20 C7+ Moistur	e 5.42 Air Fre	Net	42.47 Moisture &
H ₂	0.0063	0.0543		0.0063	Received	Acid Gas Free	Free	Receiv	/ed	Acid Gas Free
He	0.0001	0.0009		TRACE		— C	alculated	Density	_	
N ₂	0.0070	0.0603		0.0053		Relative			Al	osolute
CO2	0.8613	0.0000		0.9133	1.425	0.772	3.729	698.	8	1.745
H₂S	0.0227	0.0000		0.0175	Moisture Free As Received	Moisture & Acid Gas Free	C7+ Moistur Free	e C7+ De	ensity 3)	Total Sample Densitv (kɑ/m³)
C ₁	0.0790	0.6811		0.0388		Calculated I	Pseudo C	ritical Prop	ortios	
C ₂	0.0086	0.0741	30.6	0.0057			Seudo C	nicarriop		-
C₃	0.0072	0.0621	26.5	0.0051		is Sampled			Acid Ga	s Free
iC4	0.0012	0.0103	5.2	0.0010	7053.0	295.4		4266.2		215.3
nC ₄	0.0033	0.0284	13.9	0.0030	рРс (кРа)	pic (K)		рРс (кРа)		ріс (К)
iC₅	0.0008	0.0069	3.9	0.0009		— Hydrog	en Sulfide	e (H₂S) (pp	m) –	
nC₅	0.0010	0.0086	4.8	0.0012	Field	l Value	Lá	aboratory Va	lue	g/m³
C ₆	0.0006	0.0052	3.3	0.0008		22700				32.66
C ₇ +	0.0009	0.0078	6.0	0.0011	Stain Tube (GPA 2377)	Tutweiler (GPA C1)	Other	GC-S (AST	SCD M D5504)	
TOTAL	1.0000	1.0000	94.2	1.0000		Colorida			- 4	
						(Moisture F	ree as Re	cular vveigr eceived) (g	nt /mol)	
			\wedge		44.0			100	0	
WDMS Da	ata Verifica	ation Check			41.3 Total Sa	ample		108. C ₇ + F	.U Traction	
Exceeds n	ormal limits	s: CO2. H2			Calculat	ed Vapour Pro	essure	Gas	s Comp	ressibility
Exceeded	compare lir	nits: H2S, C ²	1, C2, C3		75.00)		0.99	921 °C & 101	325 kPa
					U5+ (KPa	<i>a)</i>		w10	J & 101.	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

EXTENDED GAS ANALYSIS

Version:	1

05002651B	FF041	504024\\/\4\\/				00018918	2	22ER869990A	22ER879427B
Container Identifi	cation Sample	Point Code		Meter Cod	e	AGAT WDMS	S Number	Previous Number	Laboratory Number
ENHANCE E	ENERGY INC			<u>C</u>	EXPRO WET	INLET GAS		04-15-040-2	4W4 ntifier
				-					
	CLIVE 4-15 B	ATTERY		ILLicoppo Mall S	totuo		Statua		
weii name			we	II LICENSE VVell S	lalus	weii Fiuld	Status	LSD	
CLIVE		N	OT APPLI	CABLE		AGAT RED DE	ER	BB/BA	
Field or Area		Po	ool or Zone			Sampler's Company	, (1.D.)	Name of Sample	er (no)
l est Inter	val (mKB)]			Elevation (m)		essure (kPa)		perature (°C)
From :	То:	Test Type	Test	No. K	B GRI	Source	350 	ived I2 Source	∠I
Apr 05 2022	211:50 Ar	or 07 2022	Apr 12	2 2022	Apr 12 2022	Calgary -	- Gerry Ec	ker - Reporter	
Date/Time Samp	led Da	te Received	Date An	alyzed	Date Reported	Location - A	pproved By -	Title	
Other FIE	LD H2S BY	TUT = 2.27%							
Information :									
		COMPOS						DTIES	
		COMPOS					FNOFL		
	Mole F	raction			Calcula	ated Heating Va	alue @15	°C & 101.325 kF	Pa <i>(MJ/m³)</i>
Component	Air Free	Air & Acid Gas	Liquid	Mole Fraction of Previous	C 44	Gross		Ne E 00	t 40.00
Component	As Received	Received	mL / m ³	Analysis	Air Free as	DI.20 Moisture &		3.82 Air Free as	40.28 Moisture &
H₂	0.00708	0.06152		0.00666	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00007	0.00061		0.00004		Ca	lculated D	Density	
N₂	0.00843	0.07325		0.00601		Relative		A	bsolute
CO2	0.86224	0.00000		0.89608	1.436	0.862		737.0	1.759
H₂S	0.02270	0.00000		0.01910	Moisture Free As Received	Moisture & Acid Gas Free		C7+ Density (ka/m³)	Total Sample Density (kg/m ³)
C ₁	0.07265	0.63158		0.05229			soudo Cr	itical Properties	
C2	0.00858	0.07457	30.5	0.00693		Calculated I	Seudo Ci		– –
C₃	0.00694	0.06029	25.5	0.00585	A 4	s Sampled		Acid Ga	as Free
<i>i</i> C₄	0.00112	0.00973	4.9	0.00097	7045.74	296.52		4177.13	224.31
nC₄	0.00323	0.02810	13.6	0.00279	рРс (кРа)	ріс (К)		рРс (кРа)	ріс (К)
iC₅	0.00093	0.00810	4.6	0.00074		Hydroge	n Sulfide	(H₂S) (ppm)	
nC₅	0.00122	0.01063	5.9	0.00090	Field	l Value	La	boratory Value	g/m³
C6	0.00122	0.01052	6.6	0.00059		22700			32.66
C ₇ +	0.00359	0.03109	21.8	0.00105	(GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)
TOTAL	1.00000	1.00000	113.3	1.00000					
		<u> </u>				— Calcula	ted Moleo	cular Weight	
						(Moisture	Free asRe	ceived) (g/mol)	
WDMS Da	ita Verificat	tion Check				2		106 45	
					41.58 Total S	o ample		100.45 C ₇ + Fraction	
Exceeded	compare li	nits: H2S, C	1, C2, C3	, C6, C7					
	•				Calcula	ted Vapour Pre	ssure –	Gas Com	oressibility —
					53.32	2		0.9936	-
					$C_{s}+(kP)$	Pa)	_	@15 °C & 101.	.325 kPa
					'				

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

PROPERTIES OF C6+ FRACTION

Version: 1

05002651B	EE041504024W4WE	TI	000189182	22ER869990A	22ER879427B	
Container Identification	Sample Point Code	Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number	
ENHANCE ENERGY	(INC	DEXPR Sampling	RO WET INLET GAS	04-15 Unique	-040-24W4 Well Identifier	
ENHANCE CLIVE 4-	-15 BATTERY					
Well Name		Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
36.2+	C₅+	Hexanes+	0.00481	0.04161	28.3805	
68.9+	C7+	Heptanes+	0.00359	0.03109	21.8133	
98.6+	Cଃ+	Octanes+	0.00222	0.01906	14.0565	
125.8+	C₀+	Nonanes+	0.00087	0.00729	5.6294	
150.9+	C ₁₀ +	Decanes+	0.00023	0.00183	1.4698	
174.3+	C ₁₁ +	Undecanes+	0.00001	0.00009	0.0790	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	I ridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	l etradecanes+	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
68.9 - 98.6	C ₇	Heptanes	0.00137	0.01203	7.7567	
98.6 - 125.8	Cs	Octanes	0.00135	0.01177	8.4271	
125.8 - 150.9	C,	Nonanes	0.00064	0.00546	4.1596	
150.9 - 174.3	C ₁₀	Decanes	0.00021	0.00168	1.3544	
174.3 - 196.0	C ₁₁	Undecanes	0.00001	0.00009	0.0790	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
49.28	C₅	Cyclopentane	0.00012	0.00101	0.5634	
68.73	C ₆	n-Hexane	0.00055	0.00479	3.0278	
71.83	C ₆	Methylcyclopentane	0.00028	0.00244	1.5138	
80.06	C6	Benzene	0.00016	0.00138	0.5939	
80.78	C ₆	Cyclohexane	0.00015	0.00134	0.8082	
99.24	C ₈	2,2,4-Trimethylpentane	9 0.00015	0.00130	1.0371	
100.94	C ₇	Methylcyclohexane	0.00027	0.00238	1.4679	
110.61	C ₇	Toluene	0.00018	0.00156	0.8042	
136.16	C ₈	Ethylbenzene	0.00004	0.00033	0.1977	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00010	0.00083	0.4930	
144.42	C ₈	o-Xylene	0.00004	0.00031	0.1817	
169.34	C,	1,2,4-Trimethylbenzene	0.00003	0.00022	0.1705	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:	1

									• • • • • • • • • • • • • • • • • • • •
)5002582A Container Identifi	EE041	504024W4DF Point Code	RYOUTLE	ET	ode	00018878	38 2 S Number P	2ER869990B	22ER879427 Laboratory Numb
	cation Sample			Weter Oc		AGAT WDM		evious number	Laboratory Wurns
ENHANCE E	NERGY INC				DEXPRO DRY	OUTLET GAS		04-15-040-2	24W4
Operator Name					Sampling Point			Unique Weil Ide	ntifier
ENHANCE C	LIVE 4-15 B	ATTERY							
Nell Name			We	ell License Well	Status	Well Fluid	d Status	LSD	
CLIVE		N	OT APPL	ICABLE		AGAT RED D	EER	BB/BA	
Field or Area		Po	ool or Zone			Sampler's Compan	у	Name of Sample	ər
Test Inter	/al (mKB)				Elevation (m)	Pi	ressure (kPa) —	Tem	perature (°C)
From :	To:	Test Type		t No.		<u>3670</u>	3500 Receiver		21
Amr OF 2022	10.		1 CS	2 2022					Received
Apr 05, 2022 Date/Time Samp	$\frac{12:05}{led} = \frac{Ap}{Da}$	te Received	Apr 1	Z, ZUZZ nalyzed	_ Apr 12, 2022 Date Reported	Location - J	- Gerry Ecke Approved By - Tit	er - Reporter	
_{Other} FIE	LD H2S BY	TUT = 2.40%			,				
nformation :									
		COMPOS							
		COMPOS					FRUFERI	IE3	
	Mole F	raction			Calcula	ated Heating Va	alue @15 °C	& 101.325 kl	Pa <i>(MJ/m³)</i> —
Component	Air Free	Air & Acid Gas	Liquid	Mole Fraction o Previous	f	Gross		Ne E 29	44.90
Component	As Received	Received	mL / m ³	Analysis	Air Free as	Moisture &		J.30 Air Free as	41.02 Moisture &
H₂	0.00716	0.06173		0.00665	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00008	0.00066		0.00004		Ca	Iculated Der	nsity	
N₂	0.00861	0.07417		0.00573		Relative		A	bsolute
CO2	0.85994	0.00000		0.89591	1.425	0.775		739.3	1.746
H₂S	0.02400	0.00000		0.01910	Moisture Free	Moisture & Acid		C_7 + Density (kg/m ³)	Total Sample
C ₁	0.07671	0.66106		0.05298			Peoudo Critic		
C2	0.00883	0.07608	31.4	0.00696		Calculated F			_
C₃	0.00693	0.05970	25.4	0.00594		As Sampled		Acid G	as Free
<i>i</i> C ₄	0.00108	0.00928	4.7	0.00098	7050.61	295.27	_	4228.44	213.39
nC₄	0.00305	0.02627	12.8	0.00284	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
iC₅	0.00077	0.00663	3.8	0.00075		Hydroge	en Sulfide (H	H₂S) (ppm)	
nC₅	0.00094	0.00810	4.5	0.00092	Fiel	d Value	Labo	ratory Value	g/m³
C₅	0.00065	0.00555	3.5	0.00060		24000			34.53
C ₇ +	0.00125	0.01078	7.4	0.00060	Stain Tube (GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504	t)
TOTAL	1.00000	1.00000	93.6	1.00000		()		(,
					┘┃┌────		ated Molecul	ar Weight	
						(Moisture	e Free asRecei	ved) (g/mol)	
WDMS Da	ta Verificat	tion Check				7		404 47	
					41.2 Total 3	/ Sample		104.17 C ₇ + Fraction	
Exceeded	compare lir	nits: H2S, C	1, C2, C3	8, C7		-			
		, •	, , , ,		Calcula	ited Vapour Pre	essure –	— Gas Com	pressibility —
					74 1	0		0 9940	. 7
					C₅+(k	Pa)	-	@15 °C & 101	.325 kPa
						<i>wj</i>			

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

PROPERTIES OF C6+ FRACTION

Version: 1

05002582A Container Identification	EE041504024W4DR Sample Point Code	Meter Code	000188788 AGAT WDMS Number	22ER869990B Previous Number	22ER879427A Laboratory Number
ENHANCE ENERGY	/ INC	DEXPF Sampling	RO DRY OUTLET GAS	04-15 Unique	5-040-24W4 Well Identifier
ENHANCE CLIVE 4-	-15 BATTERY				
Well Name		Well License Well Status	Well Fluid	Status LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m ³)
36.2+	C ₆ +	Hexanes+	0.00190	0.01633	10.9229
68.9+	C ₇ +	Heptanes+	0.00125	0.01078	7.4387
98.6+	C ₈ +	Octanes+	0.00069	0.00590	4.3124
125.8+	C₀+	Nonanes+	0.00026	0.00218	1.6516
150.9+	C ₁₀ +	Decanes+	0.00007	0.00055	0.4262
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0000
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C13+	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume
68.9 - 98.6	C ₇	Heptanes	0.00056	0.00488	3.1263
98.6 - 125.8	C ₈	Octanes	0.00043	0.00373	2.6607
125.8 - 150.9	C۹	Nonanes	0.00019	0.00163	1.2254
150.9 - 174.3	C ₁₀	Decanes	0.00007	0.00055	0.4262
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0000
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml./m³)
49.28	C ₅	Cyclopentane	0.00007	0.00062	0.3521
68.73	C ₆	n-Hexane	0.00027	0.00233	1.4844
71.83	C6	Methylcyclopentane	0.00013	0.00116	0.7239
80.06	C ₆	Benzene	0.00008	0.00065	0.2805
80.78	C6	Cyclohexane	0.00007	0.00061	0.3717
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00006	0.00050	0.4004
100.94	C ₇	Methylcyclohexane	0.00011	0.00091	0.5669
110.61	C ₇	Toluene	0.00006	0.00051	0.2631
136.16	C ₈	Ethylbenzene	0.00001	0.00009	0.0551
138.33 ; 139.09	C ₈	m&p-Xylene	0.00004	0.00031	0.1860
144.42	C ₈	o-Xylene	0.00001	0.00009	0.0527
169.34	C,	1,2,4-Trimethylbenzene	e 0.00001	0.00007	0.0540

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

▼ -	▼			I								Version: 1
05002726B Container Identifi	EE041 cation Sample	504024W4DI Point Code	RYOUTLE	T Met	er Cod	9		00018878 AGAT WDMS	8 S Number	22E Prev	ER858920E vious Number	22ER869990
ENHANCE E	NERGY INC	;			<u>D</u>	EXPRO DRY (ampling Point	OUTL	ET GAS			04-15-040-2 Unique Well Ider	4W4 htifier
ENHANCE C	LIVE 4-15 B	ATTERY	We	II License	Well St	atus		Well Fluid	Status		LSD	
CLIVE		N	OT APPLI	CABLE			AGA ⁻	T RED DE	ER		BB/BA	
Field or Area		Po	ool or Zone				Sample	er's Company	· · · ·		Name of Sample	r
Test Inter	/al (mKB)	7				Elevation (m)		Pr	essure (kPa)		Tem	perature (°C)
								3375	32	00	8	23
From :	To:	Test Type	Test	No.	KE	B GRD)	Source	Rec	eived	Source	Received
Mar 07, 2022 Date/Time Samp	2 10:15 led Da	ar 08, 2022 te Received	Mar 1	1, 2022 nalyzed		Mar 11, 2022 Date Reported		Calgary	- Bernie [Approved By	Diep - - <i>Title</i>	Supervisor	
Other FIE Information :	LD H2S BY	TUT = 1.91%										
		COMPOS	SITION						PROPE	RTI	ES	
	Mole F	raction				Calculat	ted H	leating Va	alue @15	5 °C a	& 101.325 kF	Pa (<i>MJ/m³</i>) —
Component	Air Free As Received	Air & Acid Gas Free As Received	Liquid Volume mL / m³	Mole Fract Previo Analys	tion of us sis	4.51 Air Free as	Gros 47.6 Mois	s 66 ture &			Net 4.09 Air Free as	t 43.24 Moisture &
H₂	0.00665	0.07826		0.007	'31	Received	Acid	Gas Free			Received	Acid Gas Free
He	0.00004	0.00053		0.000	05			– Ca	culated	Dens	itv —	
N ₂	0.00573	0.06735		0.006	54		I	Relative		1	A	bsolute
CO2	0.89591	0.00000		0.891	80	1.451	0.79	92			730.7	1.778
H₂S	0.01910	0.00000		0.015	20	Moisture Free	Moist	ure & Acid			C ₇ + Density	Total Sample
C ₁	0.05298	0.62323		0.059	37	As Received	Gas					Density (kg/m²)
C2	0.00696	0.08184	24.7	0.007	47		Cai	culated P	seudo C	ritica	Properties	
C₃	0.00594	0.06983	21.8	0.006	515	A:	s Sam	pled			Acid Ga	ns Free
iC4	0.00098	0.01158	4.3	0.001	00	7135.55	2	97.99			4172.10	216.29
nC₄	0.00284	0.03344	12.0	0.002	90	pPc (kPa)	p	Тс (К)			pPc (kPa)	рТс (К)
iC₅	0.00075	0.00886	3.7	0.000)77			Hydroge	n Sulfide	e (H₂	S) (ppm)	
nC₅	0.00092	0.01085	4.5	0.000	94	Field	Value	•	La	abora	tory Value	g/m³
C ₆	0.00060	0.00716	3.3	0.000	60		191	00				27.48
C ₇ +	0.00060	0.00708	3.4	0.000	62	Stain Tube (GPA 2377)	Tutwo (GPA	eiler C1)	Other		GC-SCD (ASTM D5504)	
TOTAL	1.00000	1.00000	77.6	1.000	000		1 -	- /				
WDMS Da	ta Verificat	ion Check						Calcula (Moisture	ted Mole Free asRe	culai	d) (g/mol)	
_						42.03 Total Sa	ample				97.58 C ₇ + Fraction	
Exceeded	compare lir	nits: H2S, C	1			Calculate	ed Va	apour Pre	essure –		– Gas Comp	pressibility —

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

88.84

C₅+(kPa)

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

View or download your data online at webfluids.agatlabs.com

0.9941

@15 °C & 101.325 kPa

PROPERTIES OF C6+ FRACTION

Version: 1

05002726B	EE041504024W4DR	Y	000188788	22ER858920E	22ER869990B Laboratory Number	
Container Identification	Sample Point Code	Meter Code	AGAT WDMS Number	Previous Number		
ENHANCE ENERGY	/ INC	DEXPR	RO DRY OUTLET GAS	04-15	5-040-24W4	
Operator Name		Sampling	g Point	Unique	Well Identifier	
ENHANCE CLIVE 4-	15 BATTERY					
Well Name		Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m ³)	
36.2+	C ₆ +	Hexanes+	0.00120	0.01424	6.6791	
68.9+	C ₇ +	Heptanes+	0.00060	0.00708	3.3858	
98.6+	C ₈ +	Octanes+	0.00018	0.00218	1.1196	
125.8+	C ₉ +	Nonanes+	0.00000	0.00013	0.0709	
150.9+	C ₁₀ +	Decanes+	0.00000	0.00004	0.0252	
174.3+	C11+	Undecanes+	0.00000	0.00002	0.0129	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
					As Received	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	Liquid Volume (mL/m ³)	
68.9 - 98.6	C ₇	Heptanes	0.00042	0.00490	2.2662	
98.6 - 125.8	C ₈	Octanes	0.00018	0.00206	1.0487	
125.8 - 150.9	C۹	Nonanes	0.00000	0.00009	0.0457	
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00002	0.0123	
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00002	0.0129	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
					As Possived	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	Liquid Volume (mL/m³)	
49.28	C₅	Cyclopentane	0.00007	0.00087	0.3595	
68.73	C ₆	n-Hexane	0.00025	0.00292	1.3615	
71.83	C ₆	Methylcyclopentane	0.00012	0.00140	0.6392	
80.06	C6	Benzene	0.00006	0.00072	0.2299	
80.78	C ₆	Cyclohexane	0.00005	0.00064	0.2871	
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00004	0.00047	0.2768	
100.94	C ₇	Methylcyclohexane	0.00006	0.00066	0.2989	
110.61	C ₇	Toluene	0.00003	0.00033	0.1255	
136.16	C ₈	Ethylbenzene	0.00000	0.00000	0.0000	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00000	0.00004	0.0194	
144.42	C ₈	o-Xvlene	0.00000	0.00000	0.0000	
169.34	C₅	1,2,4-Trimethylbenzen	e 0.00000	0.00000	0.0000	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:	1

05003011A Container Identifi	cation EE04 ²	1504024W4W Point Code	ETINLET	Meter Code	9	00018918 AGAT WDMS	2 S Number	22ER858920C Previous Number	22ER869990A Laboratory Number
ENHANCE E		, ,		D	EXPRO WET	INLET GAS		04-15-040-2	24W4
Operator Name				Si	ampling Point			Unique Well Idei	ntifier
ENHANCE (LIVE 4-15 B	ATTERY							
Well Name		,	We	ell License Well St	atus	Well Fluid	Status	LSD	
		N		ICABLE		AGAT RED DE	:ER	BB/BA	or .
Test Inter	val (mKB)	7			Elevation (m)		essure (kPa) –	Tem	perature (°C)
						3400	3300	o 9	23
From :	To:	Test Type	Tes	t No. KE	B GRI	D Source	Receiv	red Source	Received
Mar 07, 2022	2 10:30 M	ar 08, 2022	Mar 1	1, 2022	Mar 11, 2022	2 Calgary	- Bernie Die	ep - Supervisor	
Date/Time Samp	led Da	te Received	Date A	nalyzed	Date Reported	Location - A	Approved By - 7	Title	
Other FIE Information :	ELD H2S BY	TUT = 1.91%							
		COMPOS	SITION				PROPER	TIES	
	Mole F	raction			Calcula	ated Heating Va	alue @15 °	C & 101.325 ki	Pa (<i>MJ/m³</i>) ——
		Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	t
Component	Air Free As Received	Free As	Volume	Analysis	4.57	48.50		4.13	43.76
	0.00666		· · · · · · · · · · · · · · · · · · ·	0.00770	Air Free as Received	Moisture & Acid Gas Free		Air Free as Received	Moisture & Acid Gas Free
	0.00000	0.07656		0.00770					
ne N	0.00004	0.00051		0.00005		Ca	Iculated De	ensity	haaluta
	0.00601	0.07084		0.00649	4 450	Relative		A	
	0.89608	0.00000		0.88443	1.453 Moisture Free	0.810 Moisture & Acid		$\frac{746.2}{C_{r+} Density}$	Total Sample
H₂S	0.01910	0.00000		0.01500	As Received	Gas Free		(kg/m ³)	Density (kg/m³)
	0.05229	0.61657	04.0	0.06264		Calculated P	seudo Crit	ical Properties	
C₂	0.00693	0.08168	24.6	0.00769		s Samnled		Acid G	as Free
C₃	0.00585	0.06896	21.5	0.00638					
iC ₄	0.00097	0.01138	4.2	0.00106	$\frac{7134.97}{pPc (kPa)}$	$\frac{298.13}{pT_{c}(K)}$		4157.79	$\frac{217.72}{pTc(K)}$
nC₄	0.00279	0.03290	11.7	0.00311				pr c (kr a)	
<i>i</i> C₅	0.00074	0.00873	3.6	0.00089		Hydroge	n Sulfide	(H₂S) (ppm)	
nC₅	0.00090	0.01058	4.3	0.00112	Field	d Value	Lab	oratory Value	g/m³
C ₆	0.00059	0.00701	3.2	0.00094		19100			27.48
C ₇ +	0.00105	0.01229	6.5	0.00250	(GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504	.)
TOTAL	1.00000	1.00000	79.7	1.00000		()			,
WDMS Da	ta Verificat	tion Check				Calcula (Moisture	ted Molecu Free asRece	ular Weight eived) (g/mol)	
					42.08 Total S	3 Sample		110.61 C ₇ + Fraction	
Exceeded	compare li	mits: H2S, C	1, C2, C7	,	Calcula	ted Vapour Pre	ssure –	Gas Com	pressibility —
					76.0	7		0.0040	· · · · · · · · · · · · · · · · · · ·
					$\frac{10.8}{C_{r+1/k}}$	r Pa)	_	0.9940 @15 °C & 101	.325 kPa
						~/			

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

PROPERTIES OF C6+ FRACTION

Version: 1

05003011A Container Identification	EE041504024W4WE	TI Meter Code	000189182 AGAT WDMS Number	22ER858920C Previous Number	22ER869990A Laboratory Number
ENHANCE ENERGY Operator Name	(INC	DEXPF Sampling	RO WET INLET GAS	04-15 Unique	-040-24W4 Well Identifier
ENHANCE CLIVE 4-	-15 BATTERY				
Well Name		Well License Well Status	Well Fluid	I Status LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m ³)
36.2+	C ₆ +	Hexanes+	0.00164	0.01930	9.7338
68.9+	C ₇ +	Heptanes+	0.00105	0.01229	6.5187
98.6+	C ₈ +	Octanes+	0.00063	0.00730	4.2024
125.8+	C ₉ +	Nonanes+	0.00041	0.00469	2.8586
150.9+	C ₁₀ +	Decanes+	0.00024	0.00278	1.7235
174.3+	C11+	Undecanes+	0.00002	0.00031	0.2148
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml /m³)
68.9 - 98.6	C ₇	Heptanes	0.00042	0.00499	2.3163
98.6 - 125.8	Cs	Octanes	0.00022	0.00261	1.3438
125.8 - 150.9	C۹	Nonanes	0.00017	0.00191	1.1351
150.9 - 174.3	C ₁₀	Decanes	0.00021	0.00237	1.4633
174.3 - 196.0	C ₁₁	Undecanes	0.00002	0.00031	0.2148
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C15	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml /m³)
49.28	C ₅	Cyclopentane	0.00007	0.00085	0.3497
68.73	C ₆	n-Hexane	0.00024	0.00287	1.3356
71.83	C ₆	Methylcyclopentane	0.00012	0.00138	0.6290
80.06	C ₆	Benzene	0.00006	0.00070	0.2228
80.78	C ₆	Cyclohexane	0.00005	0.00064	0.2868
99.24	C ₈	2,2,4-Trimethylpentane	9 0.00004	0.00049	0.2879
100.94	C ₇	Methylcyclohexane	0.00006	0.00072	0.3265
110.61	C ₇	Toluene	0.00003	0.00039	0.1497
136.16	C ₈	Ethylbenzene	0.00001	0.00008	0.0338
138.33 ; 139.09	C ₈	m&p-Xylene	0.00001	0.00015	0.0669
144.42	C ₈	o-Xylene	0.00001	0.00009	0.0405
169.34	C ₉	1,2,4-Trimethylbenzene	e 0.00003	0.00032	0.1825

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

EXTENDED GAS ANALYSIS

Version:	1
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11005457C	EE04	1504024W4W	ETINLET			00018918	2	22ER850584B	22ER858920C
Container Identifi	cation Sample	Point Code		Meter C	Code	AGAT WDMS	S Number	Previous Number	Laboratory Number
ENHANCE E	ENERGY INC	;			DEXPRO WET	INLET GAS		04-15-040-2 Unique Well Ide	24W4 ntifier
Well Name			We	ell License Wel	l Status	Well Fluid	Status	LSD	
CLIVE Field or Area		N		ICABLE		AGAI RED DE	ER	BA/MJ	ər
Test Inter	val (mKB)				<i>— Elevation (m)</i>		, essure (kPa)		perature (°C)
						3400	350	0 13	21
From :	То:	Test Type	Test	No.	KB GR	D Source	Recei	ived Source	Received
Feb 09, 2022	2 10:45 Fe	eb 11, 2022	Feb 1	8, 2022	Feb 18, 202	2 Calgary	- Gerry Ec	ker - Reporter	
Date/Time Samp	led Da	te Received	Date Ar	nalyzed	Date Reported	Location - A	Approved By -	Title	
Other FIE Information :	ELD H2S BY	TUT = 1.40%/	/LAB = 1.5	50%					
		COMPOS					PROPE	RTIES	
	Mole F	raction				ated Heating Va	alue @15	°C & 101.325 kl	Pa (<i>MJ/m³</i>) ——
Component	Air Free	Air & Acid Gas	Liquid	Mole Fraction Previous	of 5 46	Gross		/ 03	AF 70
Component	As Received	Received	mL / m ³	Analysis	Air Free as	Moisture &		Air Free as	Moisture &
H₂	0.00770	0.07656		0.00714	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00005	0.00052		0.00005		Са	Iculated D	ensity	
N ₂	0.00649	0.06457		0.02573		Relative		A	bsolute
CO2	0.88443	0.00000		0.87378	1.446	0.842		740.1	1.772
H₂S	0.01500	0.00000		0.01900	Moisture Free	Moisture & Acid		C_7 + Density	Total Sample
C ₁	0.06264	0.62285		0.05418			looudo Cri		
C2	0.00769	0.07650	27.3	0.00714		Calculated P	seudo Cri	itical Properties	
C₃	0.00638	0.06345	23.4	0.00590	,	As Sampled		Acid G	as Free
<i>i</i> C₄	0.00106	0.01057	4.6	0.00100	7076.54	296.89		4147.25	221.81
<i>n</i> C₄	0.00311	0.03094	13.1	0.00289	pPc (kPa)	рТс (К)		pPc (kPa)	рТс (К)
iC₅	0.00089	0.00883	4.3	0.00077	•	Hydroge	n Sulfide	(H₂S) (ppm)	
nC₅	0.00112	0.01116	5.4	0.00098	Fiel	d Value	Lal	boratory Value	g/m³
C ₆	0.00094	0.00936	5.1	0.00069		14000		15000	21.58
C ₇ +	0.00250	0.02467	15.3	0.00075	Stain Tube	Tutweiler	Other	GC-SCD	-
TOTAL	1.00000	1.00000	98.7	1.00000	(GFA 2377)	(GFA CT)		(ASTM D5504	9
<u> </u>						— Calcula	ted Molec	ular Weight	
						(Moisture	Free asRed	ceived) (g/mol)	
WDMS Da	ita Verifica	tion Check				_			
					$\frac{41.8}{T_{otal}}$	9 Sample		$\frac{108.28}{C_{7}+Fraction}$	
Exceeded	compare li	mits: H2S, C	1, C7					0,11100001	
	•		*		Calcula	ited Vapour Pre	essure –	Gas Com	pressibility ——
					60.4	7		0 9938	•
					<u>C₅+(k</u>	Ра)	-	@15 °C & 101	.325 kPa
					· ·				

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

PROPERTIES OF C6+ FRACTION

Version: 1

11005457C	EE041504024W4WE	TI	000189182	22ER850584B	22ER858920C	
Container Identification	Sample Point Code	Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number	
ENHANCE ENERGY	Y INC	DEXPR	RO WET INLET GAS	04-15	5-040-24W4	
Operator Name		Sampling	g Point	Unique	Well Identifier	
ENHANCE CLIVE 4-	-15 BATTERY					
Well Name		Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
36.2+	C ₆ +	Hexanes+	0.00344	0.03404	20.4281	
68.9+	C7+	Heptanes+	0.00250	0.02467	15.3268	
98.6+	C ₈ +	Octanes+	0.00159	0.01561	10.2710	
125.8+	C9+	Nonanes+	0.00074	0.00716	5.0290	
150.9+	C ₁₀ +	Decanes+	0.00027	0.00257	1.9363	
174.3+	C11+	Undecanes+	0.00005	0.00046	0.4022	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00003	0.0269	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
					As Dessived	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
68.9 - 98.6	C ₇	Heptanes	0.00091	0.00906	5.0558	
98.6 - 125.8	Cs	Octanes	0.00085	0.00845	5.2420	
125.8 - 150.9	C۹	Nonanes	0.00047	0.00459	3.0927	
150.9 - 174.3	C ₁₀	Decanes	0.00021	0.00202	1.4873	
174.3 - 196.0	C11	Undecanes	0.00005	0.00044	0.3753	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00003	0.0269	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume	
49.28	C5	Cvclopentane	0.00010	0.00101	0.4964	
68.73	C ₆	n-Hexane	0.00041	0.00408	2.2540	
71.83	C6	Methylcyclopentane	0.00021	0.00206	1.1137	
80.06	C6	Benzene	0.00012	0.00117	0.4407	
80.78	C ₆	Cyclohexane	0.00011	0.00108	0.5674	
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00010	0.00095	0.6624	
100.94	C ₇	Methylcyclohexane	0.00017	0.00169	0.9110	
110.61	C ₇	Toluene	0.00014	0.00135	0.6088	
136.16	C ₈	Ethylbenzene	0.00003	0.00028	0.1443	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00006	0.00057	0.2960	
144.42	C ₈	o-Xylene	0.00003	0.00026	0.1307	
169.34	C ₉	1,2,4-Trimethylbenzene	e 0.00002	0.00022	0.1481	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Ve	rsion:	1
	131011.	

04001177F	FF04	1504024W4DF		 т		00018878	8	22ER850584C	22ER858920E
Container Identifi	cation Sample	Point Code		Meter Cod	е	AGAT WDMS	S Number	Previous Number	Laboratory Number
				_					
ENHANCE E	NERGY INC	;		<u>D</u>	EXPRO DRY	OUTLET GAS		04-15-040-2 Unique Well Ider	4W4 htifier
operator name				C C	amping rom			ernque tren tuer	
ENHANCE C	LIVE 4-15 B	ATTERY			1-1		Q to the		
well Name			VVE	II LICENSE VVEII SI	atus	vveii Fiula	Status	LSD	
CLIVE		N	OT APPL	CABLE		AGAT RED DE	ER	BA/MJ	
Field or Area		Po	ool or Zone			Sampler's Company	,	Name of Sample	r
Test Inter	/al (mKB)				Elevation (m)	Pr	essure (kPa)	Temp	perature (°C)
From :	To:	Test Type	Tesi	No. KI	B GRI	3400 Source	36	00 lived Source	21
Feb 09 2023	210.55 Fe	h 11 2022	Feb 1	8 2022	Feb 18 2022	Calgary	- Gerry Fo	ker - Reporter	
Date/Time Samp	led Da	te Received	Date Ar	alyzed	Date Reported	Location - A	pproved By	· Title	
Other FIE	LD H2S BY	TUT = 1.52%							
Information :									
		COMPOS	SITION				PROPE	RTIES	
	Mole F	raction						°C 8 101 225 kF	P_{0} (11/m ³) —
				Mole Fraction of	Calcula	Gross		C & 101.323 KF	a (<i>IVIJ/III^e)</i>
Component	Air Free	Air & Acid Gas Free As	Liquid Volume	Previous	4.75	46.72		4.30	42.34
	AS Received	Received	mL / m³	Analysis	Air Free as	Moisture &		Air Free as	Moisture &
H₂	0.00731	0.07794		0.00700	Received	Acid Gas Free		Received	Acid Gas Free
He	0.00005	0.00054		0.00004		Ca	culated E	Density	
N ₂	0.00654	0.06979		0.01545		Relative		A	bsolute
CO2	0.89108	0.00000		0.88469	1.445	0.778		742.7	1.770
H₂S	0.01520	0.00000		0.01780	As Received	Moisture & Acid Gas Free		C7+ Density (kg/m ³)	Total Sample Density (kg/m³)
C ₁	0.05937	0.63336		0.05397		Calculated P	seudo Cr	itical Properties	
C ₂	0.00747	0.07965	26.5	0.00711				Acid G	s Eroo
C₃	0.00615	0.06562	22.6	0.00605	A	is Sampled		Acia Ga	is riee
<i>i</i> C ₄	0.00100	0.01069	4.4	0.00107	7101.73	296.71		4177.44	213.74
nC₄	0.00290	0.03089	12.2	0.00318	рес (кеа)			pec (kea)	prc (K)
iC₅	0.00077	0.00822	3.8	0.00089		Hydroge	n Sulfide	e (H₂S) (ppm) _	
nC₅	0.00094	0.01001	4.5	0.00111	Field	l Value	La	boratory Value	g/m³
C ₆	0.00060	0.00645	3.3	0.00072		15200			21.87
C ₇ +	0.00062	0.00684	3.7	0.00092	(GPA 2377)	Tutweiler (GPA C1)	Other	GC-SCD (ASTM D5504)	
TOTAL	1.00000	1.00000	80.9	1.00000					
						— Calcula	ted Mole	cular Weight	
						(Moisture	Free asRe	ceived) (g/mol)	
WDMS Da	ta Verificat	tion Check				-		400.00	
					41.85 Total S) ample		TUU.93 C ₇ + Fraction	
Exceeded	compare li	mits: H2S, C	1						
	-				Calculat	ted Vapour Pre	ssure –	Gas Com	pressibility —
					88.02			0 9941	-
					C₅+(kP	- 'a)	-	@15 °C & 101.	325 kPa
					· · ·				

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

PROPERTIES OF C6+ FRACTION

Version: 1

04001177E Container Identification	EE041504024W4DR Sample Point Code	Y Meter Code	000188788 AGAT WDMS Number	22ER850584C Previous Number	22ER858920E Laboratory Number
ENHANCE ENERGY	(INC	DEXPF Sampling	RO DRY OUTLET GAS	04-15 Unique	5-040-24W4 Well Identifier
ENHANCE CLIVE 4-	15 BATTERY				
Well Name		Well License Well Status	Well Fluid	Status LSD	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
36.2+	C ₆ +	Hexanes+	0.00122	0.01329	6.9439
68.9+	C ₇ +	Heptanes+	0.00062	0.00684	3.6737
98.6+	C ₈ +	Octanes+	0.00024	0.00271	1.5784
125.8+	C ₉ +	Nonanes+	0.00006	0.00095	0.5856
150.9+	C ₁₀ +	Decanes+	0.00004	0.00050	0.3375
174.3+	C ₁₁ +	Undecanes+	0.00001	0.00013	0.1018
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000
216.4+	C ₁₃ +	Totradocenes+	0.00000	0.00000	0.0000
235.0 - 270.7	U ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (ml /m³)
68.9 - 98.6	C ₇	Heptanes	0.00038	0.00413	2.0953
98.6 - 125.8	C ₈	Octanes	0.00018	0.00177	0.9928
125.8 - 150.9	C,	Nonanes	0.00002	0.00044	0.2480
150.9 - 174.3	C ₁₀	Decanes	0.00003	0.00037	0.2358
174.3 - 196.0	C ₁₁	Undecanes	0.00001	0.00013	0.1018
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)
49.28	C₅	Cyclopentane	0.00007	0.00075	0.3432
68.73	C ₆	n-Hexane	0.00024	0.00260	1.3395
71.83	C6	Methylcyclopentane	0.00011	0.00122	0.6147
80.06	C ₆	Benzene	0.00006	0.00065	0.2278
80.78	C ₆	Cyclohexane	0.00005	0.00054	0.2644
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00004	0.00038	0.2451
100.94	C ₇	Methylcyclohexane	0.00005	0.00049	0.2473
110.61	C ₇	Toluene	0.00003	0.00033	0.1388
136.16	C ₈	Ethylbenzene	0.00000	0.00004	0.0207
138.33 ; 139.09	C ₈	m&p-Xylene	0.00001	0.00013	0.0608
144.42	Cs	o-Xylene	0.00000	0.00005	0.0242
169.34	C,	1,2,4-Trimethylbenzen	e 0.00001	0.00010	0.0617

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version:	1

											v croion.
11000448C	EE041	504024W4DF	RYOUTLE	ET Motor (Codo		(000188788	3 2'	IER836788C	22ER8505
Jontainer identin	Callon Sample	Foint Code		Meler C	Joue		,	AGAT WDWS	Number Pr	evious number	Laboratory Nu
ENHANCE E	NERGY INC				DE	XPRO DRY	OUTL	ET GAS		04-15-040-2	24W4
)perator Name					Sam	ipling Point				Unique Well Ide	ntifier
ENHANCE C	LIVE 4-15 B	ATTERY									
Vell Name			We	ell License Wel	ll Statu	IS		Well Fluid	Status	LSD	
CLIVE		N	OT APPL	ICABLE			AGAT	F RED DE	ER	BA/BB	
ield or Area		Po	ol or Zone				Sample	er's Company	<i>"</i> – ,	Name of Sample	er
Test Interv	/al (mKB)]				Elevation (m)		Pre	ssure (kPa) —	Tem	perature (°C) —
From :	То:	Test Type	Test	t No.	KB	GRD	<u> </u>	3540 Source	3700 		Z1
lan 10, 2022	10·15 Ja	n 12 2022	Jan 1	8 2022	Ja	an 18 2022		Calgary -	Gerry Ecke	r - Reporter	
Date/Time Samp	led Da	te Received	Date A	nalyzed	Da	ate Reported		Location - A	oproved By - Titl	e	
_{Other} FIE	LD H2S BY	TUT = 1.78%									
nformation :											
		COMPOS							PROPERT	IFS	
						-					
	Mole F	raction		Mala Fraction			ited H	eating Va	lue @15 °C	& 101.325 kl	Pa <i>(MJ/m³)</i> -
Component	Air Free	Air & Acid Gas Free As	Liquid Volume	Previous		4 74	44 1	8		4 29	40.09
	As Received	Received	mL / m³	Analysis		Air Free as	Moist	ture &		Air Free as	Moisture &
H₂	0.00700	0.07173		0.00717	7	Received	Acid (Gas Free		Received	Acid Gas Fre
He	0.00004	0.00045		0.00004	1 _			Cal	culated Der	nsity	
N₂	0.01545	0.15836		0.00580)		F	Relative		A	bsolute
CO2	0.88469	0.00000		0.89249	9	1.446	0.82	29		729.0	1.772
H₂S	0.01780	0.00000		0.02150)	Moisture Free As Received	Moisti Gas I	ure & Acid Free		C ₇ + Density (kg/m ³)	Total Sample Density (kg/m³,
C ₁	0.05397	0.55323		0.05327	7		Cal	culated Ps	seudo Critic	al Properties	
C2	0.00711	0.07293	25.3	0.00700)		Com			Acid G	as Eroo
C₃	0.00605	0.06200	22.2	0.00586	5	A	is sam	pied		Acid G	431166
íC₄	0.00107	0.01102	4.7	0.00094	1	$\frac{7084.17}{pPc}$	29	96.19 Tc (K)		$\frac{4079.18}{PRc}$	$\frac{210.05}{pTc(K)}$
<i>n</i> C₄	0.00318	0.03261	13.4	0.00280) L		ρ				pre (ry
íC₅	0.00089	0.00914	4.4	0.00078	3			Hydroger	n Sulfide (F	l₂S) (ppm)	
nC₅	0.00111	0.01142	5.4	0.00096	5	Field	i value		Labor	atory value	g/m³
C ₆	0.00072	0.00737	3.9	0.00069)	Stain Tuba	178	00	0.1		25.61
C ₇ +	0.00092	0.00975	5.6	0.00070)	(GPA 2377)	(GPA	C1)	Other	(ASTM D5504	<i>t</i>)
TOTAL	1.00000	1.00000	84.8	1.00000	ן ו			I			I
			\wedge					Calculat	ed Molecul	ar Weight	
	ta Varifiaat	ion Chook						(Moisture	Free asReceiv	/ed) (g/mol)	
WDIVIS Da						41 88	3			101 09	
						Total Sa	ample		_	C ₇ + Fraction	
Exceeded	compare lin	nits: H2S, C	1								
						— Calculat	ted Va	apour Pres	ssure –	— Gas Com	pressibility -
						83.69)			0.9940	
						C₅+(kPa	a)			@15 °C & 101	.325 kPa

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

PROPERTIES OF C6+ FRACTION

Version: 1

11000448C	EE041504024W4DR	Y	000188788	21ER836788C	22ER850584C	
Container Identification	Sample Point Code	Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number	
ENHANCE ENERGY	(INC	DEXPF	RO DRY OUTLET GAS	04-15	5-040-24W4	
Operator Name		Sampling	g Point	Unique	Well Identifier	
ENHANCE CLIVE 4-	-15 BATTERY					
Well Name		Well License Well Status	Well Fluid	Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
36.2+	C ₆ +	Hexanes+	0.00164	0.01711	9.4496	
68.9+	C ₇ +	Heptanes+	0.00092	0.00975	5.5637	
98.6+	C ₈ +	Octanes+	0.00038	0.00418	2.5631	
125.8+	C ₉ +	Nonanes+	0.00006	0.00079	0.5186	
150.9+	C ₁₀ +	Decanes+	0.00000	0.00010	0.0704	
174.3+	C11+	Undecanes+	0.00000	0.00000	0.0018	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
216.4+	C ₁₃ +	Tridecanes+	0.00000	0.00000	0.0000	
235.6 - 270.7	C ₁₄ +	Tetradecanes+	0.00000	0.00000	0.0000	
					As Received	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	Liquid Volume (mL/m ³)	
68.9 - 98.6	C ₇	Heptanes	0.00054	0.00557	3.0006	
98.6 - 125.8	C ₈	Octanes	0.00032	0.00339	2.0445	
125.8 - 150.9	C۹	Nonanes	0.00006	0.00069	0.4482	
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00010	0.0686	
174.3 - 196.0	C ₁₁	Undecanes	0.00000	0.00000	0.0018	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume	
49.28	C ₅	Cyclopentane	0.00009	0.00090	0.4288	
68.73	C ₆	n-Hexane	0.00029	0.00301	1.6121	
71.83	C ₆	Methylcyclopentane	0.00014	0.00145	0.7601	
80.06	C6	Benzene	0.00007	0.00071	0.2603	
80.78	C ₆	Cyclohexane	0.00007	0.00068	0.3482	
99.24	C ₈	2,2,4-Trimethylpentane	e 0.00005	0.00056	0.3762	
100.94	C ₇	Methylcyclohexane	0.00008	0.00081	0.4220	
110.61	C ₇	Toluene	0.00004	0.00044	0.1934	
136.16	C ₈	Ethylbenzene	0.00000	0.00005	0.0247	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00001	0.00010	0.0484	
144.42	C ₈	o-Xylene	0.00000	0.00003	0.0159	
169.34	C,	1,2,4-Trimethylbenzene	e 0.00000	0.00001	0.0063	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

EXTENDED GAS ANALYSIS

Version: 1		Version:	1
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11005224B Container Identifi	EE04 ²	1504024W4W Point Code	ETINLET	Meter Cod	9	00018918 AGAT WDM	32 S Number	21ER836788B Previous Number	22ER850584B
ENHANCE E		;		D	EXPRO WET	INLET GAS		04-15-040-2	24W4
Operator Name S			S	ampling Point			Unique Well Ide	ntifier	
ENHANCE C	CLIVE 4-15 B	ATTERY							
Well Name			We	Il License Well St	atus	Well Fluid	d Status	LSD	
CLIVE		N					FR	BA/BB	
Field or Area			ol or Zone	OADEE		Sampler's Company	y	Name of Sample	ər
Test Inter	val (mKB)				Elevation (m)	Pr	ressure (kPa)	Tem	perature (°C)
						3570	370	0 16	21
From :	To:	Test Type	Test	No. KE	B GRL	D Source	Recei	ved Source	Received
Jan 10, 2022	$\frac{210:05}{100}$ Ja	an 12, 2022	Jan 1	8, 2022	Jan 18, 2022	Calgary	- Gerry Ecl	ker - Reporter	
Other FIF	I D H2S BY	TUT = 1.90%	Dale Ar	laiyzeu	Dale Reported	Location - 7	чрргочеа ву -	The	
Information :		101 - 1.0070							
		СОМРОЗ	SITION				PROPER	RTIES	
	Mole F	raction			Calcula	ited Heating Va	alue @15	°C & 101.325 ki	Pa (<i>MJ/m³</i>) ——
		Air & Acid Gas	Liquid	Mole Fraction of		Gross		Ne	et (110,111)
Component	Air Free As Received	Free As	Volume	Previous Analysis	4.64	39.00		4.21	35.40
	0.00714		···∟ / ···	0.00848	Air Free as Received	Moisture & Acid Gas Free		Air Free as Received	Moisture & Acid Gas Free
	0.00714	0.00034		0.00040		C.			
N	0.00003	0.00047		0.00003			liculated D	ensity	bsolute
	0.02373	0.23900		0.00038	1 /20	0 927		720.6	1 762
UO2 ⊔ C	0.07370	0.00000		0.00230	Moisture Free	Moisture & Acid		$\frac{750.0}{C_7 + Density}$	Total Sample
C	0.01900	0.00000		0.02280	As Received	Gas Free		(kg/m³)	Density (kg/m ³)
	0.03410	0.00017	25.4	0.00373		Calculated F	Pseudo Cri	tical Properties	
	0.00714	0.000039	23.4	0.00606	A	s Sampled		Acid G	as Free
iC	0.00330	0.00497	21.7 A A	0.00000	7047 35	294.24		4016 10	100.61
nC.	0.00100	0.00929	12.1	0.00100	pPc (kPa)	рТс (K)	-	pPc (kPa)	рТс (K)
iC-	0.00203	0.02030	3.8	0.00237		Hydroge	n Sulfida	$(H_{2}S)$ (npm)	
nC.	0.00077	0.00915	47	0.00098	Field		Lab	oratory Value	a/m³
Cre	0.00069	0.00640	3.7	0.00044		10000		2	27 33
C-+	0.00075	0.007/18	4.6	0.00066	Stain Tube	Tutweiler	Other	GC-SCD	
	0.00073	0.00740	4.0	0.00000	(GPA 2377)	(GPA C1)		(ASTM D5504	9
TOTAL	1.00000	1.00000	80.4	1.00000					
			\wedge		Calculated Molecular Weight				
WDMS Da	ta Verificat	tion Check				(
			41.67	7		99.83			
Exceeded compare limits: H2S_C1				I otal S	ampie		C ₇ + Fraction		
	eenipure m		-		Calculat	ted Vanour Pre	essure —	Gas Com	pressibility —
					02 60			0.0044	
					$\frac{0.00}{C_{s}+/kP}$	va)	—	0.994 I @15 °C & 101	.325 kPa
						/			

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

PROPERTIES OF C6+ FRACTION

Version: 1

11005224B	EE041504024W4WE		000189182	21ER836788B	22ER850584B	
Container identification	Sample Point Code	Meter Code	AGAT WDMS Number	Previous Number	Laboratory Number	
ENHANCE ENERGY INC Operator Name		DEXPR Sampling	DEXPRO WET INLET GAS Sampling Point		04-15-040-24W4 Unique Well Identifier	
ENHANCE CLIVE 4-	-15 BATTERY					
Well Name		Well License Well Status	Well Fluid	I Status LSD		
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Summary	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
36.2+	C₅+	Hexanes+	0.00144	0.01388	8.3393	
68.9+	C ₇ +	Heptanes+	0.00075	0.00748	4.6223	
98.6+	C ₈ +	Octanes+	0.00026	0.00282	1.8853	
125.8+	C₀+	Nonanes+	0.00003	0.00052	0.3755	
150.9+	C ₁₀ +	Decanes+	0.00000	0.00010	0.0794	
1/4.3+	C ₁₁ +	Undecanes+	0.00000	0.00001	0.0063	
196.0+	C ₁₂ +	Dodecanes+	0.00000	0.00000	0.0000	
210.4+	C ₁₃ +	Totradoonnoou	0.00000	0.00000	0.0000	
235.0 - 270.7	U ₁₄ +	reliadecaries+	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Hydrocarbon Grouping	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m ³)	
68.9 - 98.6	C ₇	Heptanes	0.00049	0.00466	2.7370	
98.6 - 125.8	C _s	Octanes	0.00023	0.00230	1.5098	
125.8 - 150.9	C۹	Nonanes	0.00003	0.00042	0.2960	
150.9 - 174.3	C ₁₀	Decanes	0.00000	0.00010	0.0732	
174.3 - 196.0	C11	Undecanes	0.00000	0.00001	0.0063	
196.0 - 216.4	C ₁₂	Dodecanes	0.00000	0.00000	0.0000	
216.4 - 235.6	C ₁₃	Tridecanes	0.00000	0.00000	0.0000	
235.6 - 253.6	C ₁₄	Tetradecanes	0.00000	0.00000	0.0000	
253.6 - 270.69	C ₁₅	Pentadecanes	0.00000	0.00000	0.0000	
BOILING POINT RANGE (°C)	Carbon Number	Relevent Compounds	As Received Mole Fraction	Acid Gas Free Mole Fraction	As Received Liquid Volume (mL/m³)	
49.28	C₅	Cyclopentane	0.00008	0.00075	0.3939	
68.73	C6	n-Hexane	0.00029	0.00266	1.5647	
71.83	C6	Methylcyclopentane	0.00014	0.00128	0.7389	
80.06	C ₆	Benzene	0.00007	0.00065	0.2622	
80.78	C ₆	Cyclohexane	0.00006	0.00060	0.3392	
99.24	C ₈	2,2,4-Trimethylpentane	9 0.00005	0.00045	0.3335	
100.94	C ₇	Methylcyclohexane	0.00006	0.00060	0.3481	
110.61	C ₇	Toluene	0.00003	0.00033	0.1561	
136.16	C ₈	Ethylbenzene	0.00000	0.00002	0.0138	
138.33 ; 139.09	C ₈	m&p-Xylene	0.00001	0.00007	0.0399	
144.42	C ₈	o-Xylene	0.00000	0.00003	0.0146	
169.34	C,	1,2,4-Trimethylbenzene	e 0.00000	0.00001	0.0091	

Results relate to only items tested. Analysis and associated calculations are based on GPA 2261, GPA 2286, GPA 2145, AGA #5, and TP-17.

Sampling performed by AGAT Laboratories is done according to Field Sampling Procedure Manual

APPENDIX C- ACTL Project Vendors

Submitted on March 31, 2023



ACTL Pipelining and Injection Well Drilling at Clive



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Plant #1 Tie-In		
Equipment/Service	Vendor	Location
Blower Skid (Separator, Blower, Motor, Water Pump)	Enerflex	Alberta
Engineering	Rally Engineering	Alberta
Engineering	Rangeland Engineering	Alberta
Engineering	Spark Power (ORBIS)	Alberta
Construction-Mechanical	Pillar Resource Services	Alberta
Construction-Electrical -Instrumentation	Pronghorn Controls	Alberta
Construction-Electrical -Instrumentation	Chemco	Alberta
Blower Building	PTW Structures	Alberta
Piping, valves, fittings	APEX	Alberta
Temporary Motor	PMW	Oklahoma, USA
Crane	Kristian Electric	Alberta
Instruments, valves, controls, Electrical components	Spartan Controls	Alberta
Instruments, valves, controls, Electrical components	Dezurik	Alberta
Instruments, valves, controls, Electrical components	WIKA	Alberta
Instruments, valves, controls, Electrical components	Tundra Process	Alberta
Instruments, valves, controls, Electrical components	WESCO	Alberta
Instruments, valves, controls, Electrical components	Powell	Alberta
Instruments, valves, controls, Electrical components	Westburne	Alberta
Instruments, valves, controls, Electrical components	Siemens	Alberta

RCRU Procurement		
Equipment/Service	Vendor	Location
Inlet Separator	Bilton Welding	Alberta
Inlet Piping	Сотсо	Alberta
Pipe, Valves, Fittings	Comco & Pinnacle	Alberta
Dehydration Skid	Spectrum	Alberta
Air Cooled Exchangers	Exchanger Industries	Alberta
Glycol Pump	Smith Cameron Pump	Alberta
Refrigeration Skid	Startec	Alberta
CO₂ Transfer Pump	National Process Equipment	Alberta
Engineering	Gas to Liquids Engineering (GLE)	Alberta
Engineering - Ammonia Refrigeration	Strong Refrigeration Consultants	Saskatchewan
Engineering - 36" Carrier Pipe Structural	Panzer Engineering	Alberta
Environmental Planning	Wapta Environmental	Alberta
Regulatory	Wapta/GLE	Alberta
Land	AIM Land Services	Alberta
Inlet Condenser	Alfa Laval	Ontario
CO ₂ Booster Pump	Clyde Union Canada	Ontario

Compressor	Siemens	Germany
Instrument Air Compressor	Northwest Equipment	Alberta
Engineering	Gas Liquids Engineering (GLE)	Alberta
Electrical Engineering and Controls	Beta Tech Inc.	Alberta
Survey	Global Raymac	Alberta
Earthworks	Noyen Construction	Alberta
Pilings	Valard	Alberta
Concrete Foundation	PME	Alberta
Compressor Building	Brytex Building Systems	Alberta
Mechanical Construction	TAHK Projects	Alberta
Electrical Construction	Techmation Electric & Controls	Alberta
SCS		
Equipment/Service	Vendor	Location
Compressor	Siemens	Germany
Lube Oil Cooler	Calhex Industries	Alberta
Compressor Interstage Coolers	Chart Cooler Service Company	Tulsa, OK
Compressor Nozzle Check Valves	CG Industrial Specialties	British Columbia
Engineering	Gas Liquids Engineering (GLE)	Alberta
Environmental Planning	Wapta Environmental	Alberta
Regulatory	Wapta/GLE	Alberta
Land	AIM Land Services	Alberta
Instrument Air Compressor	Northwest Equipment	Alberta
Electrical Engineering and Controls	Beta Tech Inc.	Alberta
Survey	Global Raymac	Alberta
Earthworks	Noyen Construction	Alberta
Pilings	Valard	Alberta
Concrete Foundation	PME	Alberta
Compressor Building	Brytex Building Systems	Alberta
Mechanical Construction	Train Oilfield Services	Alberta
Electrical Construction	Techmation Electric & Controls	Alberta
PIPELINE		
Equipment/Service	Vendor	Location
Engineering	Buccaneer Engineering	Alberta
Environmental Assessment	Wapta Environmental	Alberta
Environmental Planning	Wapta Environmental	Alberta
Regulatory	Internal	Alberta
Valves	KTI Limited	Ontario
Valves	Apex Distribution	Alberta
Survey	Meridian Survey & Altus Group	Alberta
Geotechnical Assessment	Higher Ground Consulting	Alberta
Land Acquisition	AIM Land Services	Alberta

Pipe	Evraz North America	Alberta
Pipe Bends	Alberta Custom Pipe Bending	Alberta
Coating	ShawCor Ltd.	Alberta
Mainline Contractors – Spread 1	Viking Projects Ltd.	Alberta
Mainline Contractors - Spread 2	M&N Energy Services Ltd.	Alberta
Mainline Contractors - Spread 3	Canadian Plains Energy Services LP	Saskatchewan
Mainline Contractors - Spread 4	League Projects Ltd.	Alberta

MMV Program		
Equipment/Service	Vendor	Location
Hydrosphere and Biosphere Monitoring		
Program Design, Field Work and Interpretation	Integrated Sustainability	Alberta
Downhole Pressure Surveys	Reliance Oilfield Service	Alberta
Sulphur isotope	University of Calgary	Alberta
Detailed Water Analysis	University of Calgary	Alberta
Line Locates	Central Line Locating	Alberta
Production Testers	Accuracy Online Production Testing	Alberta
Hot Oiler	Larry's hot oil service	Alberta
Safety	Transcend Safety	Alberta
Well Swabbing	Viking Wireline Services	Alberta
Fluid Sampling and Chemical Analyses	AGAT	Alberta
Stable Carbon Isotope Analyses	University of Alberta	Alberta
Carbon 14 Analyses	A.E. Lalonde AMS Laboratory	Ontario
Groundwater Observation Well Driller	Cliff's Drilling Ltd.	Alberta
Program Design and Project Management	Tir Nua Consulting Ltd./Enhance	Alberta
Fully Coupled Thermo-Poro-Mechanical Modelling	InnoTech Alberta	Alberta
Review of Rock Properties and Analytical Study of Stress Changes	David Hassan, P.Eng.	Alberta
Pressure Transient Analysis	SAGA Wisdom	Alberta

Clive Pipelines		
Equipment/Service	Vendor	Location
Engineering	Gas Liquids Engineering (GLE)	Alberta
Survey	Compass Geomatics	Alberta
Land	Land Solutions	Alberta
Mechanical Construction	Viking Projects	Alberta
Linepipe	Gateway Tubulars	Alberta

HDPE Pipe Liner	Allied Pipe Technologies	Alberta
Pipe, Valves, Fittings	Apex Distribution	Alberta
Injection Skids	Viking Projects	Alberta
Injection Control System	Phoenix Energy Services	Alberta
Electrical Construction	TNT Electric and Controls	Alberta

Clive 04-15 Facility		
Equipment/Service	Vendor	Location
Engineering	Gas Liquids Engineering (GLE)	Alberta
Battery Recycle Compressor	Compass Compression	Alberta
Inlet Separator	Spectrum Process Systems	Alberta
Blowdown Heater	Cado Industries	Alberta
Flare Stack	FlareTech	Alberta
Control Valves	Spartan Controls	Alberta
CO ₂ Valves	Apex Distribution	Alberta
Emulsion Valves	Truenorth Modifications	Alberta
Pipe and Fittings	Xceed Oilfield Supply	Alberta
Pilings	Subsurface Construction	Alberta
Mechanical Construction	Viking Projects	Alberta
E-Houses	Trecon-Prologic	Alberta
Electrical Construction	Iconic Electric and Controls	Alberta
Control System	Trecon-Prologic	Alberta

Clive EOR Drilling Operations			
Vendor	Service	Location	
775645 AB LTD.	Equipment Rentals	Alberta	
EXCALIBUR DRILLING LTD.	Drilling Contractor	Alberta	
CENTRAL LABS LTD.	Cuttings and fluid analysis	Alberta	
PROVIDENCE TRUCKING INC.	Trucking	Alberta	
KIK TRANSPORT LTD.	Equipment Rentals	Alberta	
TERVITA CORPORATION	Drilling Fluid Disposal	Alberta	
SHOCK TRAUMA AIR RESCUE	Safety	Alberta	
SERVICE			
APEX INSPECTION SERVICES INC.	Supervision	Alberta	
ACE PRESSURE TESTING AND	BOP Pressure Testing	Alberta	
SERVICES LTD.			
MIDWEST PROPANE LTD.	Propane	Alberta	
SECURE ENERGY (DRILLING	Drilling Fluids	Alberta	
SERVICES) INC.			
HELLBOUND SERVICES CORP.	Potable Water	Alberta	
WESTERN WATER DISPOSAL	Waste disposal	Alberta	
BRICAR CONTRACTING LTD.	Lease Construction	Alberta	

TRYTON TOOL SERVICES	Downhole Tools	Alberta
PROGEO CONSULTANTS	Geology Wellsite Supervision	Alberta
ACR OILFIELD SERVICES LTD.	Sewage	Alberta
TROJAN SAFETY SERVICES LTD.	Safety	Alberta
CALNASH TRUCKING (SOUTH) LTD.	Rig mob/Demob	Alberta
PORTER DEVELOPMENTS LTD.	Equipment Rentals	Alberta
NOV CANADA ULC	Drilling Data/Communications	Alberta
DRILLING TOOLS INTERNATIONAL CORP	Drilling Tools	Alberta
DYNAMITE OILFIELD SERVICES INC.	Trucking	Alberta
BRAWLER HEAVY HAUL LTD.	Trucking	Alberta
PRO ENERGY INC.	Equipment Rentals	Alberta
1523773 ALBERTA LTD.	Supervision	Alberta
SILVERPOINT ENERGY SERVICES	Water/Vacuum Truck/	Alberta
INC.	Environmental Supervisor	
RM ENGINEERING	Supervision	Alberta
VISKAT TUBULAR TECHNOLOGIES INC.	Power Tongs	Alberta
BENCHMARK DATA SOLUTIONS	Communications	Alberta
LOCKED & LOADED HOTSHOT SERVICES	Trucking	Alberta
IMPORT TOOL CORPORATION LTD.	Casing Accessories	Alberta
TYKAN SYSTEMS LTD.	Trucking	Alberta
LARSON CONTRACTING LTD.	Lease Construction	Alberta
KETEK GROUP INC.	Equipment Rentals	Alberta
GMACK OILFIELD SERVICES LTD.	Trucking	Alberta
CAMPBELL OILFIELD RENTALS LTD.	Solids Control	Alberta
STREAM-FLO INDUSTRIES LTD.	Wellhead	Alberta
CANADIAN CASING ACCESSORIES INC.	Casing Accessories	Alberta
CONTINENTAL LABORATORIES LTD.	Equipment Rentals	Alberta
M&R SAFETY LTD.	Equipment and Operator	Alberta
DRV TRANSPORT & RENTALS INC.	Equipment Rentals	Alberta
TRICAN WELL SERVICE LTD.	Casing Cementing	Alberta
WINALTA TRANSPORT	Trucking	Alberta
TIGGERS MOBILE WELDING	Welding	Alberta
NAVITAS TUBULARS	Casing	Alberta
DIABLO TOOLS INC.	Drill Bit	Alberta
INDENT OILFIELD TRUCKING LTD.	Trucking	Alberta
BJL CONTRACTING LTD.	Snow Plowing	Alberta
CENTRAL LINE LOCATING INC.	Lease construction	Alberta
ENSIGN ENERGY DRILLING SERVICES LTD.	Directional Tools and MPD Equipment	Alberta

Clive EOR Completion Operations				
Vendor	Service	Location		
TWISTED HOTSHOT INC.	Trucking	Alberta		
PRAIRIE MUD SERVICE	Inhibited Fluid	Alberta		
TRANSCEND SAFETY SERVICES LTD.	Safety	Alberta		
MEDICINE RIVER OIL RECYCLERS LTD.	Disposal	Alberta		
NAVITAS TUBULARS	Tubular	Alberta		
AERO RENTAL SERVICES	Equipment Rental	Alberta		
TRYTON TOOL SERVICES	Downhole tools	Alberta		
CWC WELL SERVICES	Service Rig	Alberta		
STREAM-FLO INDUSTRIES LTD.	Wellhead	Alberta		
VP CONSULTING SERVICES LTD.	Supervision	Alberta		
TRICAN WELL SERVICE LTD.	Pumper	Alberta		
EVERGREEN ENERGY TANK RENTALS LTD.	Rentals	Alberta		
PROVIDENCE TRUCKING INC.	Trucking	Alberta		
MILLENNIUM HEAT	Steamer	Alberta		
HALLIBURTON GROUP CANADA	Downhole Tools	Alberta		
FLUID EXPERTS LTD.	Fluid Hauling	Alberta		
RELIANCE OFS CANADA LTD.	Wireline and logging	Alberta		
HARBER COATINGS INC.	Tubular Coating	Alberta		
ALTUS INTERVENTION CANADA INC.	Wireline	Alberta		
LARRY'S HOT OIL SERVICE	Pressure Truck	Alberta		

Clive Wellbore Integrity and Abandonment Operations				
Vendor	Service	Location		
TRANSCEND SAFETY SERVICES LTD.	Safety	Alberta		
LARRY'S HOT OIL SERVICE	Truck Fluids	Alberta		
MAGNUM CEMENTING SERVICES	Cement	Alberta		
OPERATIONS LTD. LLC				
CWC WELL SERVICES	Service Rig	Alberta		
MILLENNIUM HEAT	Steamer	Alberta		
PROVIDENCE TRUCKING INC.	Trucking	Alberta		
TERVITA CORPORATION	Disposal	Alberta		
MEDICINE RIVER OIL RECYCLERS LTD.	Disposal	Alberta		
TRYTON TOOL SERVICES	Downhole Tools	Alberta		
FLUID EXPERTS LTD.	Fluids and Trucking	Alberta		
VP CONSULTING SERVICES LTD.	Supervision	Alberta		
AERO RENTAL SERVICES	Equipment Rentals	Alberta		
RELIANCE OFS CANADA LTD.	Logging	Alberta		
EVERGREEN ENERGY TANK RENTALS	Equipment Rentals	Alberta		

ACCURACY ONLINE PRODUCTION	P-Tank/Flare	Alberta
TESTING CORP.		
TWISTED HOTSHOT INC.	Trucking	Alberta

Clive Operations and Maintenance			
Equipment/Service	Vendor	Location	
Automation and Controls	Focal Automation	Alberta	
E&I Services	TNT Electric and Controls	Alberta	
Mechanical Services	Kromm Transport	Alberta	
Mechanical Services	Train Oilfield	Alberta	
Mechanical Services	Iron Cross Oilfield	Alberta	
Regulatory Consulting	Highwood Emissions	Alberta	
Pipeline Integrity	Source Corrosion	Alberta	
Pipeline Integrity	HuDu	Alberta	
Safety Services	Transcend Safety	Alberta	
Chemicals	Baker Hughes	Alberta	
Chemicals	Univar Canada	Alberta	
Lubricants	Conabar Chemical Consulting	Alberta	
Pipe, Valves, Fittings	APEX Distributing	Alberta	