Pritchard Analytical Laboratories, Inc.

Petroleum Analytical Laboratory
3310 Bankhead Highway, Midland, Texas 79701
(432) 218-6625, pritchardlab.com

SUMMARY OF CHROMATOGRAPHIC ANALYSIS

COMPANY:	AEGIS CHEMICAL	**JOB #:**	2510008
SAMPLE ID:	MILLIE MILE (PBEX)	**SAMPLE #:**	2510008AEG01
SAMPLE TYPE:	SPOT	**DATE ON:**	10/9/2025
STATION:	MILLIE MILE (PBEX)	**DATE OFF:**	10/9/2025
SAMPLE PRESS.,psig:	136.0	**TIME ON:**	0935
SAMPLE TEMPERATURE, F	76.6	**TIME OFF:**	0935
ANALYSIS DATE:	10/10/2025	**SAMPLED BY:**	CLIENT
ANALYSIS COMMENTS:		**ANALYST:**	J. R. PRITCHARD

COMPONENT	MOLE %	WEIGHT %
HYDROGEN SULFIDE	0.0180	0.0257
NITROGEN	4.0871	4.8018
OXYGEN	0.0000	0.0000
METHANE	67.6182	45.4943
CARBON DIOXIDE	5.7950	10.6963
ETHANE	11.3951	14.3705
PROPANE	6.6259	12.2540
ISO-BUTANE	0.7444	1.8145
N-BUTANE	2.0327	4.9551
ISO-PENTANE	0.5170	1.5644
N-PENTANE (C-5)	0.5278	1.5971
2,2 DIMETHYL BUTANE	0.0020	0.0072
CYCLOPENTANE	0.0000	0.0000
2-METHYLPENTANE	0.1217	0.4399
3-METHYLPENTANE	0.0555	0.2006
N-HEXANE (C-6)	0.0980	0.3542
METHYLCYCLOPENTANES	0.0507	0.1790
BENZENE	0.0462	0.1513
CYCLOHEXANE	0.0739	0.2608
2-METHYLHEXANE	0.0069	0.0290
3-METHYLHEXANE	0.0173	0.0727
DIMETHYLCYCLOPENTANES	0.0066	0.0272
HEPTANES	0.0130	0.0546
N-HEPTANE (C-7)	0.0233	0.0979
METHYLCYCLOHEXANE	0.0349	0.1408
2,2,4 TRIMETHYLPENTANE	0.0017	0.0081
TOLUENE	0.0379	0.1465
OCTANES	0.0135	0.0647
N-OCTANE (C-8)	0.0063	0.0302
ETHYL BENZENE	0.0012	0.0053
P-M-XYLENE	0.0035	0.0156
O-XYLENE	0.0010	0.0045
NONANES	0.0107	0.0576
N-NONANE (C-9)	0.0017	0.0091
DECANES	0.0068	0.0406
N-DECANE (C-10)	0.0010	0.0060
UNDECANES PLUS	0.0035	0.0229
TOTALS	100.0000	100.0000

CALCULATED PARAMETERS

TOTAL ANALYSIS SUMMARY

AVE MOLE WT	23.8433
REL DENS, AIR=1	0.8232
VAPOR PRESS PSIA	3486.3

HEXANES PLUS SUMMARY

AVE MOLE WT	90.5622
SP GRAV, 60F/60	0.7295
API GRAVITY	62.5
LBS/GAL	5.836
REL DENS, AIR=1	3.1268
VAPOR PRESS PSIA	4.03

BTEX SUMMARY

WT % BENZENE	0.1513
WT % TOLUENE	0.1465
WT % E BENZENE	0.0053
WT % XYLENES	0.0201

HEATING VALUE

BTU/CUFT, DRY	1218.1
BTU/CUFT, SATURATED	1196.9

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ANALYSIS COMMENTS:		**ANALYST:**	J. R. PRITCHARD

COMPONENT	MOLE %	WEIGHT %
HYDROGEN	0.0000	0.0000
HELIUM	0.0000	0.0000
NITROGEN	4.0871	4.8018
CARBON DIOXIDE	5.7950	10.6963
HYDROGEN SULFIDE	0.0180	0.0257
METHANE	67.6182	45.4943
ETHANE	11.3951	14.3705
PROPANE	6.6259	12.2540
BUTANES	2.7771	6.7696
PENTANES	1.0448	3.1615
BENZENE	0.0462	0.1513
OTHER HEXANES	0.4018	1.4417
2,2,4 TRIMETHYLPENTANE	0.0017	0.0081
TOLUENE	0.0379	0.1465
OTHER HEPTANES	0.1020	0.4222
ETHYL BENZENE	0.0012	0.0053
XYLENES (O, M, P	0.0045	0.0201
OTHER OCTANES	0.0198	0.0949
NONANES	0.0124	0.0667
DECANES PLUS	0.0113	0.0695
TOTAL	100.0000	100.0000

COMPONENT RATIOS	
HEPTANES (C7) MOLE %	0.1399
OCTANES (C8) MOLE %	0.0255
NONANES (C9) MOLE %	0.0124
DECANES+ (C10+), MOLE %	0.0113
HEPTANES (C7) WEIGHT %	0.5687
OCTANES (C8) WEIGHT %	0.1203
NONANES (C9) WEIGHT %	0.0667
DECANES+ (C10+), WEIGHT %	0.0695

SAMPLING CONDITIONS	
BAROMETRIC PRESSURE, INCH Hg*	29.84
BAROMETRIC PRESSURE, PSIA*	14.66
AMBIENT TEMPERATURE, F*	72.0
INITIAL SAMPLE PRESSURE, PSIG*	136.0
INITIAL SAMPLE TEMP., F*	76.6

TEST CONDITIONS	
FINAL SAMPLE PRESSURE, PSIG	0.0
FINAL SAMPLE TEMP., F	75.0

*** AS REPORTED FROM FIELD DATA**

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

General Information
Phone: (505) 629-6116

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

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

DEFINITIONS

Operator: PBEX Operations, LLC 223 West Wall Street Midland, TX 79701	OGRID: 332544
	Action Number: 592889
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:

- this application's operator, hereinafter "this operator";
- venting and/or flaring, hereinafter "vent or flare";
- any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";
- the statements in (and/or attached to) this, hereinafter "the statements in this";
- and the past tense will be used in lieu of mixed past/present tense questions and statements.

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QUESTIONS

Action 592889

QUESTIONS

Operator: PBEX Operations, LLC 223 West Wall Street Midland, TX 79701	OGRID: 332544
	Action Number: 592889
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	*Unavailable.*
Incident Facility	**[fAPP2514238056] Millie Mile 13-24 Fed Com Battery**

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional guidance.	
Was this vent or flare caused by an emergency or malfunction	No
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a vent or flare event	**Yes, minor venting and/or flaring of natural gas.**
An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.	
Was there **at least 50 MCF** of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of **ANY** liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No
Was the vent or flare within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	*Not answered.*
Additional details for Equipment Involved. Please specify	*Not answered.*

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	60
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	7
Oxygen (02) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	*Not answered.*
Nitrogen (N2) percentage quality requirement	*Not answered.*
Hydrogen Sufide (H2S) PPM quality requirement	*Not answered.*
Carbon Dioxide (C02) percentage quality requirement	*Not answered.*
Oxygen (02) percentage quality requirement	*Not answered.*

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QUESTIONS (continued)

Operator: PBEX Operations, LLC 223 West Wall Street Midland, TX 79701	OGRID: 332544
	Action Number: 592889
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	11/28/2025
Time vent or flare was discovered or commenced	08:00 AM
Time vent or flare was terminated	09:00 AM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	Cause: Initial Flowback | Well | Natural Gas Flared | Released: 89 Mcf | Recovered: 0 Mcf | Lost: 89 Mcf.
Other Released Details	*Not answered.*
Additional details for Measured or Estimated Volume(s). Please specify	*Not answered.*
Is this a gas only submission (i.e. only significant Mcf values reported)	**Yes, according to supplied volumes this appears to be a "gas only" report.**

Venting or Flaring Resulting from Downstream Activity	
Was this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	*Not answered.*
Downstream OGRID that should have notified this operator	*Not answered.*
Date notified of downstream activity requiring this vent or flare	*Not answered.*
Time notified of downstream activity requiring this vent or flare	*Not answered.*

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	Equipment failure.
Steps taken to limit the duration and magnitude of vent or flare	VRU Issues.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Beyond operator control.

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ACKNOWLEDGMENTS

Operator: PBEX Operations, LLC 223 West Wall Street Midland, TX 79701	OGRID: 332544
	Action Number: 592889
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit a *Venting and/or Flaring* (C-129) report on behalf of this operator and understand that this report can be **a complete** C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☑	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
☑	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
☑	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
☑	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

Operator: PBEX Operations, LLC 223 West Wall Street Midland, TX 79701	OGRID: 332544
	Action Number: 592889
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
pmulkey	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	6/8/2026