

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/PBX	JOB #:	2607012
SAMPLE ID:	MOON RAKER	SAMPLE #:	2607012AEG02
SAMPLE TYPE:	SPOT	DATE ON:	7/17/2026
STATION:	MOON RAKER	DATE OFF:	7/17/2026
SAMPLE PRESS.,psig:	77.4	TIME ON:	0900
SAMPLE TEMPERATURE, F		TIME OFF:	0900
ANALYSIS DATE:	7/20/2026	SAMPLED BY:	CLIENT
ANALYSIS COMMENTS:		ANALYST:	Z. MARTINEZ

COMPONENT	MOLE %	WEIGHT %	CALCULATED PARAMETERS	
HYDROGEN SULFIDE	0.0300	0.0409	TOTAL ANALYSIS SUMMARY	
NITROGEN	3.5900	4.0229		
OXYGEN	0.0000	0.0000	AVE MOLE WT	24.9984
METHANE	64.4364	41.3501	REL DENS, AIR=1	0.8631
CARBON DIOXIDE	2.8263	4.9758	VAPOR PRESS PSIA	3351.1
ETHANE	13.7895	16.5866	HEXANES PLUS SUMMARY	
PROPANE	8.6884	15.3259		
ISO-BUTANE	1.0626	2.4705		
N-BUTANE	2.9351	6.8242		
ISO-PENTANE	0.7773	2.2433		
N-PENTANE (C-5)	0.7746	2.2355	AVE MOLE WT	90.0134
2,2 DIMETHYL BUTANE	0.0027	0.0093	SP GRAV, 60F/60	0.7428
CYCLOPENTANE	0.0000	0.0000	API GRAVITY	59.0
2-METHYLPENTANE	0.1858	0.6405	LBS/GAL	5.943
3-METHYLPENTANE	0.0765	0.2637	REL DENS, AIR=1	3.1078
N-HEXANE (C-6)	0.1406	0.4847	VAPOR PRESS PSIA	3.82
METHYLCYCLOPENTANES	0.0918	0.3091	BTX SUMMARY	
BENZENE	0.1257	0.3928		
CYCLOHEXANE	0.1290	0.4343		
2-METHYLHEXANE	0.0098	0.0393	WT % BENZENE	0.3928
3-METHYLHEXANE	0.0258	0.1034	WT % TOLUENE	0.2676
DIMETHYLCYCLOPENTANES	0.0117	0.0460	WT % E BENZENE	0.0093
HEPTANES	0.0235	0.0942	WT % XYLENES	0.0476
N-HEPTANE (C-7)	0.0341	0.1367	HEATING VALUE	
METHYLCYCLOHEXANE	0.0683	0.2628		
2,2,4 TRIMETHYLPENTANE	0.0029	0.0133		
TOLUENE	0.0726	0.2676		
OCTANES	0.0301	0.1375	BTU/CUFT, DRY	1365.2
N-OCTANE (C-8)	0.0108	0.0494	BTU/CUFT, SATURATED	1341.5
ETHYL BENZENE	0.0022	0.0093		
P-M-XYLENE	0.0083	0.0353		
O-XYLENE	0.0029	0.0123		
NONANES	0.0235	0.1206		
N-NONANE (C-9)	0.0034	0.0174		
DECANES	0.0060	0.0341		
N-DECANE (C-10)	0.0011	0.0063		
UNDECANES PLUS	0.0007	0.0044		
TOTALS	100.0000	100.0000		

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ANALYSIS COMMENTS:		ANALYST:	Z. MARTINEZ

COMPONENT	MOLE %	WEIGHT %	COMPONENT RATIOS	
HYDROGEN	0.0000	0.0000	HEPTANES (C7) MOLE %	0.2458
HELIUM	0.0000	0.0000	OCTANES (C8) MOLE %	0.0543
NITROGEN	3.5900	4.0229	NONANES (C9) MOLE %	0.0269
CARBON DIOXIDE	2.8263	4.9758	DECANES+ (C10+), MOLE %	0.0078
HYDROGEN SULFIDE	0.0300	0.0409		
METHANE	64.4364	41.3501	HEPTANES (C7) WEIGHT %	0.9500
ETHANE	13.7895	16.5866	OCTANES (C8) WEIGHT %	0.2438
PROPANE	8.6884	15.3259	NONANES (C9) WEIGHT %	0.1380
BUTANES	3.9977	9.2947	DECANES+ (C10+), WEIGHT %	0.0448
PENTANES	1.5518	4.4788		
BENZENE	0.1257	0.3928	SAMPLING CONDITIONS	
OTHER HEXANES	0.6264	2.1416	BAROMETRIC PRESSURE, INCH Hg*	29.84
2,2,4 TRIMETHYLPENTANE	0.0029	0.0133	BAROMETRIC PRESSURE, PSIA*	14.66
TOLUENE	0.0726	0.2676	AMBIENT TEMPERATURE, F*	71.0
OTHER HEPTANES	0.1732	0.6824	INITIAL SAMPLE PRESSURE, PSIG*	77.4
ETHYL BENZENE	0.0022	0.0093	INITIAL SAMPLE TEMP., F*	
XYLENES (O, M, P	0.0112	0.0476		
OTHER OCTANES	0.0409	0.1869	TEST CONDITIONS	
NONANES	0.0269	0.1380	FINAL SAMPLE PRESSURE, PSIG	NA
DECANES PLUS	0.0078	0.0448	FINAL SAMPLE TEMP., F	NA
TOTAL	100.0000	100.0000	* 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

Action 611180

DEFINITIONS

Operator: PBEX Operations, LLC 223 West Wall Street Midland, TX 79701	OGRID: 332544
	Action Number: 611180
	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 611180

QUESTIONS

Operator: PBEX Operations, LLC 223 West Wall Street Midland, TX 79701	OGRID: 332544
	Action Number: 611180
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Unavailable.
Incident Facility	[fAPP2620348431] Moonraker 15-27 Fed Com CTB

Determination of Reporting Requirements <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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	Yes
Is this considered a submission for a vent or flare event	Yes, major venting and/or flaring of natural gas.
<i>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.</i>	
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 within 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 <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	64
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	3
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 611180

QUESTIONS (continued)

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	Action Number: 611180
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/20/2026
Time vent or flare was discovered or commenced	08:00 AM
Time vent or flare was terminated	08:00 AM
Cumulative hours during this event	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Well Natural Gas Flared Released: 3,132 Mcf Recovered: 0 Mcf Lost: 3,132 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	Necessary Corrective Maintenance
Steps taken to limit the duration and magnitude of vent or flare	Needed Repairs Performed
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Repair Problem, Reset System, Restart Facility

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ACKNOWLEDGMENTS

Action 611180

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ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (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

Action 611180

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	Action Number: 611180
	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.	8/4/2026