



19534G		PALISADE #1H		PALISADE #1H SCRUBBER	
Sample Point Code		Sample Point Name		Sample Point Location	
Laboratory Services		2024087283		01	
Source Laboratory		Lab File No		Container Identity	
USA		USA		USA	
District		Area Name		Field Name	
Mar 18, 2024 14:40		Mar 1, 2024		Mar 25, 2024 15:13	
Date Sampled		Date Effective		Date Received	
65.00		System Administrator		Mar 20, 2024	
Ambient Temp (°F)		Flow Rate (Mcf)		Date Reported	
Invito		Analyst		Press PSI @ Temp °F	
Operator				Source Conditions	
				GAS	
				Lab Source Description	

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	4.0000	4.0	
Nitrogen (N2)	1.7850	1.856	
CO2 (CO2)	28.6030	29.747	
Methane (C1)	30.0180	31.38	
Ethane (C2)	14.1310	14.696	3.7780
Propane (C3)	12.5320	13.033	3.4520
I-Butane (IC4)	1.6360	1.701	0.5350
N-Butane (NC4)	3.3290	3.462	1.0490
I-Pentane (IC5)	1.1010	1.145	0.4030
N-Pentane (NC5)	0.8910	0.927	0.3230
Hexanes Plus (C6+)	1.9740	2.053	0.8560
TOTAL	100.0000	104.0000	10.3960

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Feb 12, 2024

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F	14.73 PSI @ 60.00 Å°F		
Dry	Saturated	Dry	Saturated
1,241.2	1,221.0000	1,244.1	1,223.8

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
1.2246	1.2155
Molecular Weight	
35.2046	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
40000 PPM

PROTREND STATUS:
Passed By Validator on Mar 26, 2024**DATA SOURCE:**
Imported**PASSED BY VALIDATOR REASON:**
Close enough to be considered reasonable.**VALIDATOR:**
Ashley Russell**VALIDATOR COMMENTS:**
OK

NMOCD C-129 Volume Calculation

Well: Palisade #1H 30-025-49936
Location (WGS 84): 33.553652 -103.511701

Volume Calculation: Well has a meter that measures the gas flared.

	Date	MCF/D
Flare Start Date; Start Time	3/18/2024; 7:00 AM	0.31
Flare End Date; End Time	3/19/2024; 7:00 AM	13.81

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-129
Revised May 13, 2020

Submit one copy to appropriate
District Office

NFO Permit No. _____
(For Division Use Only)

APPLICATION FOR EXCEPTION TO NO-FLARE RULE 19.15.18.12

(See Rule 19.15.18.12 NMAC and Rule 19.15.7.37 NMAC)

- A. Applicant Invito Operating LLC,
whose address is 7300 State Hwy 121, Suite 300,
hereby requests an exception to Rule 19.15.18.12 for 120 days or until
July 19th, Yr 2024, for the following described tank battery (or LACT):
Name of Lease Palisade Name of Pool CLR: San Andres
Location of Battery: Unit Letter A Section 12 Township 9-S Range 33-E
Number of wells producing into battery 30-025-49936
- B. Based upon oil production of 80 barrels per day, the estimated * volume
of gas to be flared is 2,340 MCF; Value 19.5 mcf per day.
- C. Name and location of nearest gas gathering facility:
Versado Gas Processor thur Targa Midstream Services
- D. Distance 1.8 miles Estimated cost of connection \$150,000
- E. This exception is requested for the following reasons: Does not meet the gathering pipeline
Specifications, high CO2

OPERATOR

I hereby certify that the rules and regulations of the Oil Conservation
Division have been complied with and that the information given above
is true and complete to the best of my knowledge and belief.

Signature Jared Christianson

Printed Name
& Title Jared Christianson, Managing Member

E-mail Address jchristianson@invitoep.com

Date 3/26/24 Telephone No. 972-581-9433

OIL CONSERVATION DIVISION

Approved Until _____

By _____

Title _____

Date _____

* Gas-Oil ratio test may be required to verify estimated gas volume.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

DEFINITIONS

Action 279732

DEFINITIONS

Operator: Invito Operating, LLC 7300 State Hwy 121 Mckinney, TX 75070	OGRID: 329337
	Action Number: 279732
	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: <ul style="list-style-type: none">• 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.
--

District I1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720**District II**811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720**District III**1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170**District IV**1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 279732

QUESTIONS

Operator: Invito Operating, LLC 7300 State Hwy 121 Mckinney, TX 75070	OGRID: 329337
	Action Number: 279732
	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	[30-025-49936] PALISADE #001H
Incident Facility	Unavailable.

Determination of Reporting Requirements*Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional 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	Yes
Is this considered a submission for a vent or flare event	Yes, answer to "eight hours or more" suggests this is at least a minor event.

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	No
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	30
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	40,000
Carbon Dioxide (CO2) percentage, if greater than one percent	29
Oxygen (O2) 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 Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 279732

QUESTIONS (continued)

Operator: Invito Operating, LLC 7300 State Hwy 121 Mckinney, TX 75070	OGRID: 329337
	Action Number: 279732
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/18/2024
Time vent or flare was discovered or commenced	07:00 AM
Time vent or flare was terminated	07:00 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	Not answered.
Other Released Details	Cause: Normal Operations Other (Specify) Natural Gas Flared Released: 14 Mcf Recovered: 0 Mcf Lost: 14 Mcf.
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.	False
Please explain reason for why this event was beyond this operator's control	Not answered.
Steps taken to limit the duration and magnitude of vent or flare	Chemically test CO2 level treatment results and economics
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Use propane assistance for pilot light on flare. Attempt to chemically treat CO2 stream to determine economics of non-compliant pipeline gas. Explore options to use gas stream, with low MMBTU values due to high CO2 levels

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 279732

ACKNOWLEDGMENTS

Operator: Invito Operating, LLC 7300 State Hwy 121 Mckinney, TX 75070	OGRID: 329337
	Action Number: 279732
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 279732

CONDITIONS

Operator: Invito Operating, LLC 7300 State Hwy 121 Mckinney, TX 75070	OGRID: 329337
	Action Number: 279732
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
jchristianson	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.	3/28/2024