



Certificate of Analysis

Number: 6030-22060346-002A

Artesia Laboratory
200 E Main St.
Artesia, NM 88210
Phone 575-746-3481

Jimmy Smith
Americo
7575 San Felipe
Houston, TX 77063

June 28, 2022

Station Name: Stiletto 16 State 7
Station Number: 100-105
Station Location: Americo
Sample Point: Meter Run
Instrument: 6030_GC6 (Inficon GC-3000 Micro)
Last Inst. Cal.: 06/27/2022 0:00 AM
Analyzed: 06/28/2022 08:32:24 by ERG

Sampled By: GR
Sample Of: Gas Spot
Sample Date: 06/24/2022 01:00
Sample Conditions: 20 psig, @ 110 °F Ambient: 98 °F
Effective Date: 06/24/2022 01:00
Method: GPA-2261M
Cylinder No: 1111-002382

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.000	2.40000	3.401		GPM TOTAL C2+ 7.130
Nitrogen	1.777	1.72128	2.005		GPM TOTAL C3+ 3.826
Methane	71.331	69.09822	46.090		GPM TOTAL iC5+ 1.188
Carbon Dioxide	2.516	2.43753	4.460		
Ethane	12.726	12.32744	15.413	3.304	
Propane	6.123	5.93114	10.875	1.637	
Iso-butane	1.024	0.99175	2.397	0.325	
n-Butane	2.209	2.13995	5.172	0.676	
Iso-pentane	0.827	0.80121	2.404	0.294	
n-Pentane	0.653	0.63285	1.899	0.230	
Hexanes Plus	1.568	1.51863	5.884	0.664	
	100.754	100.00000	100.000	7.130	

Calculated Physical Properties

Relative Density Real Gas	0.8339	3.2176
Calculated Molecular Weight	24.05	93.19
Compressibility Factor	0.9954	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1324	5129
Water Sat. Gas Base BTU	1301	5040
Ideal, Gross HV - Dry at 14.696 psia	1318.0	5129.2
Ideal, Gross HV - Wet	1294.7	5039.7

Comments: H2S Field Content 2.4 %

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Powered By SURECHEM

Yeso Oil Produceers	Well	qo (bpd)	qg (Mcfpd)	GOR (SCF/STB)
	Stiletto 16-5	22	35	1591
	Stiletto 16-6	18	24	1333
	Stiletto 16-7	8	32	4000
	Stiletto 16-8	17	32	1882
	Stiletto 16-9	13	39	3000
	Stiletto 21-3	8	17	2125
		Ave.		2322
	Simmenatl#1	8	19	2322

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 August 1, 2011

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 Americo Energy, LLC,
whose address is 7575 San Felipe, STE 200, Houston, TX 77063,
hereby requests an exception to Rule 19.15.18.12 for 90 days or until
APRIL 1, Yr 2025, for the following described tank battery (or LACT):
Name of Lease Stiletto 16 State Name of Pool N, Seven Rivers; Glorieta-Yeso
Location of Battery: Unit Letter C Section 16 Township 20S Range 25E
Number of wells producing into battery 3 30-015-40194, 30-015-42661 and 30-015-42807
- B. Based upon oil production of 30 barrels per day, the estimated * volume
of gas to be flared is 120 MCF; Value 0 per day.
- C. Name and location of nearest gas gathering facility:
Stiletto 16 State#4, 32.5762291, -104.495079 NAD83
- D. Distance 0.5 mile Estimated cost of connection already connected
- E. This exception is requested for the following reasons: at emergency gathering pipeline shut down condition need to flare the associated gas from oil wells.

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 _____

Printed Name & Title: Vahid Sabzevari, Production Eng.

E-mail Address: vahid.sabzevari@americoenergy.com

Date 12/11/2024 Telephone No. 713.984.9700

OIL CONSERVATION DIVISION

Approved Until _____

By _____

Title _____

Date _____

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

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 410651

DEFINITIONS

Operator: AMERICO ENERGY RESOURCES LLC 7575 San Felipe Houston, TX 77063	OGRID: 228051
	Action Number: 410651
	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.

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

QUESTIONS

Action 410651

QUESTIONS

Operator: AMERICO ENERGY RESOURCES LLC 7575 San Felipe Houston, TX 77063	OGRID: 228051
	Action Number: 410651
	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	[30-015-40194] STILETTO 16 STATE #007H
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	Yes
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	69
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	2
Carbon Dioxide (CO2) percentage, if greater than one percent	2
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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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

QUESTIONS, Page 2

Action 410651

QUESTIONS (continued)

Operator: AMERICO ENERGY RESOURCES LLC 7575 San Felipe Houston, TX 77063	OGRID: 228051
	Action Number: 410651
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/11/2024
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	07:00 AM
Cumulative hours during this event	7

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Midstream Scheduled Maintenance Separator Natural Gas Flared Released: 120 Mcf Recovered: 0 Mcf Lost: 120 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	emergency gas pipeline shutting.
Steps taken to limit the duration and magnitude of vent or flare	shutting oil producers.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	unanticipated event.

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

ACKNOWLEDGMENTS

Action 410651

ACKNOWLEDGMENTS

Operator: AMERICO ENERGY RESOURCES LLC 7575 San Felipe Houston, TX 77063	OGRID: 228051
	Action Number: 410651
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 410651

CONDITIONS

Operator: AMERICO ENERGY RESOURCES LLC 7575 San Felipe Houston, TX 77063	OGRID: 228051
	Action Number: 410651
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
vsabzevari	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.	12/11/2024