

MANLEY GAS TESTING, INC.

P.O. DRAWER 193
OFFICE (432) 367-3024

FAX (432) 367-1166

ODESSA, TEXAS 79760
E-MAIL: MANLEYGAST@AOL.COMCHARGE..... 150 - 0
REC. NO. 13
TEST NUMBER.. 23336DATE SAMPLED..... 01-20-21
DATE RUN..... 01-25-21
EFFECT. DATE..... 02-01-21

STATION NO. ... 06045027

PRODUCER FASKEN OIL & RANCH

SAMPLE NAME.... LAGUNA STATE 2H

TYPE: SPOT

RECEIVED FROM.. FRONTIER FIELD SERVICES LLC - MALJAMAR

FLOWING PRESSURE 57.4 PSIA FLOWING TEMPERATURE 40 F

SAMPLED BY: FT

CYLINDER NO. ...

FRACTIONAL ANALYSIS
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.000	
NITROGEN.....	1.178	
CARBON DIOXIDE.....	0.226	
METHANE.....	77.916	
ETHANE.....	11.357	3.032
PROPANE.....	4.660	1.282
ISO-BUTANE.....	0.747	0.244
NOR-BUTANE.....	1.538	0.484
ISO-PENTANE.....	0.469	0.172
NOR-PENTANE.....	0.518	0.188
HEXANES +.....	1.391	0.606
TOTALS	100.000	6.008

'Z' FACTOR (DRY) = 0.9961
'Z' FACTOR (WET) = 0.9957

CALC. MOL. WT. = 21.73

..CALCULATED SPECIFIC GRAVITIES..

REAL, DRY 0.7531

REAL, WET 0.7512

..CALCULATED GROSS HEATING VALUES..

BTU/CF - REAL, DRY 1291

BTU/CF - REAL, WET 1268

DISTRIBUTION AND REMARKS:

N

ANALYZED BY: JT
** R **APPROVED: 

Meter Readings Report

Battery

Laguna

Meter

Laguna 2H Gas



Meter #

Laguna 2H Gas

Type

Allocation

7/1/2021 - 7/10/2021 (10 days) [Edit](#)

Table

Graph

Date	Meter Reading	Meter Adjustment	Volume	PSI	Diff.	Comments
7/1/2021	0.0	52.0	52.00	50.00		
7/2/2021	0.0	50.0	50.00	49.00		
7/3/2021	0.0	51.0	51.00	47.00		
7/4/2021	0.0	52.0	52.00	60.00		
7/5/2021	0.0	46.0	46.00	42.00		
7/6/2021	0.0	54.0	54.00	52.00		
7/7/2021	0.0	51.0	51.00	48.00		
7/8/2021	0.0	52.0	52.00	51.00		
7/9/2021	0.0	52.0	52.00	52.00		
7/10/2021	0.0	52.0	52.00	47.00		
Total Volume			512.00			
Average Volume			51.20			

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

Action 36947

QUESTIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Midland, TX 79707	OGRID: 151416
	Action Number: 36947
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS**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 or is this venting or flaring caused by an emergency or malfunction	No
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a notification of a major venting or flaring	Yes, minor venting or flaring of natural gas.
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.29.7 NMAC	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting or flaring 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

Unregistered Facility Site

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

Facility or Site Name	Laguna 16 State
Facility Type	Flare Stack - (FS)

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	78
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
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.

Date(s) and Time(s)

Date venting or flaring was discovered or commenced	07/12/2021
Time venting or flaring was discovered or commenced	01:00 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	07/17/2021
Time venting or flaring was terminated	08:00 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	127
Longest duration of cumulative hours within any 24-hour period 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: Midstream Scheduled Maintenance Gas Plant Natural Gas Flared Spilled: 55 Mcf Recovered: 0 Mcf Lost: 55 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 Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity

Was or is this venting or flaring a result of downstream activity	Yes
Date notified of downstream activity requiring this venting or flaring	07/06/2021
Time notified of downstream activity requiring this venting or flaring	10:05 AM

Steps and Actions to Prevent Waste

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Maintenance and repairs from Frontier Field Services
Steps taken to limit the duration and magnitude of venting or flaring	Out of our control and cannot limit their timeframe
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Cannot control when maintenance is needed

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	7/20/2021