

# MANLEY GAS TESTING, INC.

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

FAX (432) 367-1166

ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COM

CHARGE..... 150 - 0  
REC. NO. .... 13  
TEST NUMBER.. 23336

DATE SAMPLED..... 01-20-21  
DATE RUN..... 01-25-21  
EFFEC. 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: 

**Daily Battery Production Totals  
Fasken Oil and Ranch, LTD.**

Printed 4/5/2023

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**March 2023**

**April 2023**

Date	Oil	Gas	Water	Date	Oil	Gas	Water
3/1	50.2	0.0	295.1	4/1	27.9	200.0	193.3
3/2	2.8	0.0	11.2	4/2	36.3	191.0	247.1
3/3	53.0	0.0	207.5	4/3	37.7	190.0	423.0
3/4	21.6	9.0	106.0	<b>Total</b>			
3/5	75.3	217.0	335.2	<b>Avg.</b>			
3/6	64.2	235.0	372.9				
3/7	58.6	215.0	343.5	<b>Fasken Oil and Ranch, LTD. - 36</b>			
3/8	58.6	169.0	345.1	<b>Days</b>			
3/9	60.0	84.0	347.7	<b>Total</b>			
3/10	52.3	94.0	313.2	<b>Avg.</b>			
3/11	61.4	72.0	337.2				
3/12	55.8	86.0	311.0				
3/13	55.8	96.0	367.8				
3/14	58.6	0.0	299.4				
3/15	41.9	0.0	344.4				
3/16	39.8	63.0	278.8				
3/17	18.1	0.0	94.2				
3/18	19.5	0.0	113.4				
3/19	64.2	19.0	327.6				
3/20	39.1	47.0	137.6				
3/21	53.0	35.0	331.1				
3/22	39.1	72.0	224.5				
3/23	5.6	28.0	310.4				
3/24	49.5	0.0	315.4				
3/25	22.3	143.0	170.6				
3/26	44.6	138.0	311.0				
3/27	36.3	127.0	256.9				
3/28	22.3	168.0	261.4				
3/29	36.3	156.0	250.8				
3/30	36.3	226.0	223.2				
3/31	36.3	219.0	149.8				
<b>Total</b>							
<b>Avg.</b>							

**Daily Battery Production Totals  
Fasken Oil and Ranch, LTD.**

**Printed 4/5/2023**

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Report Based On:

Date Range: 3/1/2023 through 4/5/2023

Batteries selected based on the following Report Menu selections:

Battery = Laguna.

Daily Production is the daily sum of the daily gross battery production.

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 1625 N. French Dr., Hobbs, NM 88240  
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**District III**  
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 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 205878

**DEFINITIONS**

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 205878
	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 205878

**QUESTIONS**

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 205878
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b>	
<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	[fAPP2207333229] Laguna 16 State Battery

<b>Determination of Reporting Requirements</b>	
<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	Yes
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, minor 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

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
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
<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 (continued)**

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 205878
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/21/2023
Time vent or flare was discovered or commenced	12:01 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	19

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Repair and Maintenance   Pipeline (Any)   Natural Gas Flared   Released: 85 Mcf   Recovered: 0 Mcf   Lost: 85 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	Yes
Was notification of downstream activity received by this operator	Yes
Downstream OGRID that should have notified this operator	[221115] FRONTIER FIELD SERVICES, LLC
Date notified of downstream activity requiring this vent or flare	03/08/2023
Time notified of downstream activity requiring this vent or flare	09:34 AM

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	Frontier/Durango has high line pressure
Steps taken to limit the duration and magnitude of vent or flare	Frontier/Durango will clear lines
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Will take preventive measures

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ACKNOWLEDGMENTS

Action 205878

**ACKNOWLEDGMENTS**

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	Action Number: 205878
	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 <b>complete</b> 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.

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CONDITIONS

Action 205878

**CONDITIONS**

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	Action Number: 205878
	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
vvasquez	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.	4/10/2023