

Monthly Meter Analysis

July, 2021



Meter #: 718444-00
Name: Buckeye 1 St. #1

Sample

Date: 06/22/2021

Type: Spot

Pressure: 38.0 H2O: lbs/mm

Temperature: 80.0 H2S: ppm

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	0.2933		0.5390
Nitrogen, N2	3.1189		3.6485
Methane, C1	71.1785		47.6835
Ethane, C2	12.9407	3.4758	16.2489
Propane, C3	6.6296	1.8344	12.2075
Isobutane, iC4	0.7483	0.2459	1.8163
n-Butane, nC4	0.0000	0.0000	0.0000
Isopentane, iC5	0.9693	0.3560	2.9204
n-Pentane, nC5	1.2546	0.4567	3.7799
Hexanes Plus, C6+	2.8668	1.2564	11.1560
Water, H2O			
Hydrogen Sulfide, H2S			
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			
Totals	100.0000	7.6252	100.0000

Property	Total Sample
Pressure Base	14.730
Temperature Base	60.00
Relative Density	0.8303
HV, Dry @ Base P, T	1384.65
HV, Sat @ Base P, T	1360.42
HV, Sat @ Sample P, T	
Fws Factor	
Cricondentherm	
HCDP @ Sample Pressure	
Free Water GPM	
Stock Tank Condensate Brls/mm	
26 # RVP Gasoline	3.230
Testcar Permian	1.618
Testcar Panhandle	1.088
Testcar Midcon	1.646

Daily Battery Production Totals
Fasken Oil and Ranch, LTD.

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July 2022**August 2022****September 2022**

Date	Oil	Gas	Water	Date	Oil	Gas	Water	Date	Oil	Gas	Water
7/1	3.8	0.0	0.0	8/1	0.0	0.0	0.0	9/1	0.8	28.0	0.0
7/2	2.5	18.0	0.0	8/2	0.0	0.0	0.0	9/2	0.8	19.0	0.0
7/3	3.3	20.0	0.0	8/3	0.0	0.0	0.0	9/3	0.8	20.0	0.0
7/4	2.5	21.0	0.0	8/4	0.0	0.0	0.0	9/4	0.0	21.0	0.0
7/5	0.8	0.0	0.0	8/5	0.0	0.0	0.0	9/5	0.8	10.0	0.0
7/6	1.3	0.0	0.0	8/6	0.0	0.0	0.0	9/6	0.8	12.0	0.0
7/7	1.3	0.0	0.0	8/7	0.0	0.0	0.0	9/7	0.8	13.0	0.0
7/8	0.8	0.0	0.0	8/8	1.3	0.0	0.0	9/8	1.7	14.0	0.0
7/9	1.3	0.0	0.0	8/9	0.8	0.0	0.0	9/9	0.8	12.0	0.0
7/10	2.1	0.0	0.0	8/10	3.3	0.0	0.0	9/10	1.3	15.0	0.0
7/11	0.8	24.0	0.0	8/11	3.3	0.0	0.0	9/11	0.8	16.0	0.0
7/12	0.4	7.0	0.0	8/12	2.9	0.0	0.0	9/12	1.3	16.0	0.0
7/13	0.0	0.0	0.0	8/13	1.3	1.0	0.0	9/13	1.3	17.0	0.0
7/14	0.8	0.0	0.0	8/14	1.7	0.0	0.0	9/14	1.3	16.0	0.0
7/15	2.9	0.0	0.0	8/15	0.0	4.0	0.0	Total			
7/16	1.7	0.0	0.0	8/16	0.0	15.0	0.0	Avg.			
7/17	1.7	0.0	0.0	8/17	0.0	21.0	0.0				
7/18	1.7	0.0	0.0	8/18	0.0	21.0	0.0	Fasken Oil and Ranch, LTD. - 77			
7/19	1.7	0.0	0.0	8/19	3.3	0.0	0.0	Days			
7/20	1.7	0.0	0.0	8/20	3.8	0.0	0.0	Total			
7/21	1.7	0.0	0.0	8/21	1.7	1.0	0.0	Avg.			
7/22	0.8	0.0	0.0	8/22	2.5	0.0	0.0				
7/23	0.8	8.0	0.0	8/23	2.5	2.0	0.0				
7/24	0.4	10.0	0.0	8/24	1.7	10.0	0.0				
7/25	1.3	8.0	0.0	8/25	0.8	19.0	0.0				
7/26	0.4	2.0	0.0	8/26	0.0	12.0	0.0				
7/27	0.0	4.0	0.0	8/27	0.0	18.0	0.0				
7/28	0.0	0.0	0.0	8/28	0.0	16.0	0.0				
7/29	0.0	0.0	0.0	8/29	0.0	16.0	0.0				
7/30	0.0	0.0	0.0	8/30	0.0	12.0	0.0				
7/31	0.0	0.0	0.0	8/31	0.0	19.0	0.0				
Total				Total							
Avg.				Avg.							

Daily Battery Production Totals
Fasken Oil and Ranch, LTD.

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Report Based On:

Date Range: 7/1/2022 through 9/15/2022

Batteries selected based on the following Report Menu selections:

Battery = Buckeye 1 State No 1.

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

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
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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 143872

DEFINITIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 143872
	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 143872

QUESTIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 143872
	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	Not answered.
Incident Facility	[fAPP2201431894] Buckeye 1 State 1 Battery

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 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

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	71
Nitrogen (N2) percentage, if greater than one percent	3
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.

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QUESTIONS, Page 2

Action 143872

QUESTIONS (continued)

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	Action Number: 143872
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/23/2022
Time vent or flare was discovered or commenced	06:00 AM
Time vent or flare was terminated	11:59 PM
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: Repair and Maintenance Gas Plant Natural Gas Flared Released: 24 Mcf Recovered: 0 Mcf Lost: 24 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	Low bottom hole pressure
Steps taken to limit the duration and magnitude of vent or flare	Assist as needed
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Assist as needed

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ACKNOWLEDGMENTS

Action 143872

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	Action Number: 143872
	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.

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CONDITIONS

Action 143872

CONDITIONS

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	Action Number: 143872
	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.	9/15/2022