

Gas Composition and Properties

Effective January 1, 2018 00:00 - January 18, 2038 21:14

Source #: ART82006

Name: Kudu AFM ST Com #1 FL

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	2.1596		4.6805
Nitrogen, N2	3.2379		4.4669
Methane, C1	78.3224		61.8777
Ethane, C2	10.5959	2.8350	15.6903
Propane, C3	3.1148	0.8585	6.7640
iso-Butane, iC4	0.3556	0.1164	1.0178
n-Butane, nC4	0.4891	0.1543	1.4000
iso-Pentane, iC5	0.1449	0.0530	0.5148
n-Pentane, nC5	0.0615	0.0223	0.2185
Neo-Pentane, NeoC5			
Hexanes Plus, C6+	0.3201	0.1317	1.3585
Water, H2O			
Hydrogen Sulfide, H2S	1.1982		2.0110
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			
Totals	100.0000	4.1700	100.0000

Property	Total Sample	C6 Plus Fraction
Pressure Base	14.730	
Temperature Base	0.00	
HCDP @ Sample Pressure		
Cricondentherm		
HV, Dry @ Base P, T	1121.51	
HV, Sat @ Base P, T	1101.99	
HV, Sat @ Sample P, T		
Relative Density	0.7037	

C6+: 100

Sample

Date: Pressure:
 Type: Temperature:
 Tech: H2O: lbs/mm
 H2S: ppm

Remarks:

Analysis

Date: Instrument:
 Cylinder:

Tech:

Remarks:

*** End of Report ***

HOURLY GAS VOLUME STATEMENT

EOG Resources, Inc.

September 7, 2021

Meter #: ART82006

Name: Kudu AFM State Com #1 Flare

Pressure Base: 14.730 psia **Meter Status:** Active
Temperature Base: 60.00 °F **Contract Hr.:** Midnight
Atmos Pressure: 14.730 psi **Full Wellstream:**
Calc Method: AGA3-1992 **WV Technique:**
Z Method: AGA-8 Gross 2 (1992) **WV Method:**
Tube I.D.: 3.0860 in. **HV Cond:** Dry
Tap Location: Upstream **Meter Type:** EFM
Tap Type: Flange **Interval:** 1 Hour

CO2	N2	C1	C2	C3	I-C4	N-C4	I-C5
2.160	3.238	78.322	10.596	3.115	0.356	0.489	0.145
N-C5	NeoC5	C6	C7	C8	C9	C10	
0.062		0.320					
O2	H2	CO	He	Ar	H2S	H2S ppm	H2O
					1.1982		

Hour	Differential (In. H2O)	Pressure (psia)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1	0.00	0.00	0.00	0.00	0.7037	0.7500	0.00	1121.51	0.00	Yes
2	0.00	0.00	0.00	0.00	0.7037	0.7500	0.00	1121.51	0.00	Yes
3	0.00	0.00	0.00	0.00	0.7037	0.7500	0.00	1121.51	0.00	Yes
4	0.00	0.00	0.00	0.00	0.7037	0.7500	0.00	1121.51	0.00	Yes
5	0.00	0.00	0.00	0.00	0.7037	0.7500	0.00	1121.51	0.00	Yes
6	0.00	0.00	0.00	0.00	0.7037	0.7500	0.00	1121.51	0.00	Yes
7	0.00	0.00	0.00	0.00	0.7037	0.7500	0.00	1121.51	0.00	Yes
8	0.00	0.00	0.00	0.00	0.7037	0.7500	0.00	1121.51	0.00	Yes
9	11.52	15.51	77.50	1.00	0.7037	1.5000	3.62	1121.51	4.06	Yes
10	150.26	46.37	67.51	1.00	0.7037	1.5000	45.00	1121.51	50.47	Yes
11	176.85	54.96	71.86	1.00	0.7037	1.5000	52.98	1121.51	59.41	Yes
12	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
13	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
14	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
15	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
16	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
17	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
18	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
19	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
20	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
21	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
22	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
23	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
0	0.00	0.00	0.00	0.00	0.7037	1.5000	0.00	1121.51	0.00	Yes
Total	159.18	49.75	70.14	3.00	0.7037		101.60		113.94	

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 47029

QUESTIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 47029
	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	[30-015-25896] KUDU AFM STATE COM #001
Incident Facility	Not answered.

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 and/or flaring caused by an emergency or malfunction	No
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a venting and/or flaring 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 or will there be at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this venting and/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
Was the venting and/or flaring 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	0
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	1
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 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 and/or flaring was discovered or commenced	09/07/2021
Time venting and/or flaring was discovered or commenced	09:00 AM
Time venting and/or flaring was terminated	11:00 AM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Not answered.
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Natural Gas Flared (Mcf) Details	Cause: Other Well Natural Gas Flared Released: 100 Mcf Recovered: 0 Mcf Lost: 100 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 or is this venting and/or flaring a result of downstream activity	Not answered.
Was notification of downstream activity received by you or your operator	Not answered.
Downstream OGRID that should have notified you or your operator	Not answered.
Date notified of downstream activity requiring this venting and/or flaring	Not answered.
Time notified of downstream activity requiring this venting and/or flaring	Not answered.

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	Flared residual gas while getting the well ready to start process of plugging well.
Steps taken to limit the duration and magnitude of venting and/or flaring	Plugging well
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	P&A well

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CONDITIONS

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	Action Number: 47029
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
mmorales	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.	9/8/2021