

Atchafalaya Measurement, Inc.

416 East Main Street

Artesia, NM 88210 575-746-3481

Sample Information

	Sample Information
Sample Name	EOG Y__Dagger Draw ZW #2__GC1-111617-07
Station Number	55167
Lease Name	Dagger Draw ZW #2
Analysis for	EOG Y Resources
Producer	EOG Y Resources
Field Name	Dagger Draw
County	Eddy
State	NM
Frequency	Semi-Annual
Sample Deg F	46.8
Atmos Deg F	47
Flow Rate	N/A
LinePSIG	36.6
Date Sampled	11/10/17
Sampled By	Craig Sutherland
Analysis By	Chris Myers
Report Date	2017-11-16 10:40:32

Component Results

Component Name	Ret. Time	Peak Area	Norm%	PPMV	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	21.980	16829.7	3.32081	33208.100	0.366
H2S	46.620	4132.0	1.40400	14040.000	0.000
Methane	22.800	310095.2	78.53106	785310.600	13.351
Carbon Dioxide	26.500	6047.8	1.00162	10016.200	0.171
Ethane	37.080	64742.4	9.80814	98081.400	2.631
Propane	79.760	28764.7	3.23733	32373.300	0.894
i-Butane	28.760	31674.3	0.46653	4665.300	0.153
n-Butane	30.360	68315.0	0.96339	9633.900	0.305
i-Pentane	35.380	27117.2	0.32696	3269.600	0.120
n-Pentane	37.440	22458.4	0.26260	2626.000	0.095
Hexanes Plus	120.000	58679.0	0.67756	6775.600	0.295
Total:			100.00000	1000000.000	18.382

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	99.71486	
Total Amount PPM (Mole/Vol.)	1000000.000	
Pressure Base (psia)	14.730	
Temperature Base	60.0	
Gross Heating Value (BTU / Ideal cu.ft.)	1155.8	1135.7
Gross Heating Value (BTU / Real cu.ft.)	1159.4	1139.7
Relative Density (G), Ideal	0.6986	0.6973
Relative Density (G), Real	0.7005	0.6994
Compressibility (Z) Factor	0.9969	0.9965

HOURLY GAS VOLUME STATEMENT

EOG Resources, Inc.

May 2, 2022

Meter #: ART82111

Name: Dagger ZW #2 Flare

Pressure Base:	14.730 psia	Meter Status:	Active	CO2	N2	C1	C2	C3	IC4	NC4	IC5
Temperature Base:	60.00 °F	Contract Hr.:	Midnight	1.001	3.321	78.531	9.800	3.230	0.466	0.963	0.326
Atmos Pressure:	13.200 psi	Full Wellstream:		NC5	neo	C6	C7	C8	C9	C10	
Calc Method:	AGA3-1992	WV Technique:		0.268		0.690	0.000	0.000	0.000	0.000	
Z Method:	AGA-8 Detail (1992)	WV Method:		Ar	CO	H2	O2	He	H2O	H2S	H2S ppm
Tube I.D.:	3.0660 in	HV Cond:	EFM	0.000	0.000	0.000	0.000	0.000	0.000	1.404	
Tap Location:	Upstream	Meter Type:	1 Hour								
Tap Type:	Flange	Interval:									

Hour	Differential (In. H2O)	Pressure (psia)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)
1	0.00	0.00	0.00	0.00		0.6250	0		
2	0.00	0.00	0.00	0.00		0.6250	0		
3	0.00	0.00	0.00	0.00		0.6250	0		
4	0.00	0.00	0.00	0.00		0.6250	0		
5	0.00	0.00	0.00	0.00		0.6250	0		
6	0.00	0.00	0.00	0.00		0.6250	0		
7	0.00	0.00	0.00	0.00		0.6250	0		
8	0.00	0.00	0.00	0.00		0.6250	0		
9	144.73	87.25	52.46	1.00	0.7005	1.5000	63	1159.40	74
10	138.86	83.29	62.55	1.00	0.7005	1.5000	60	1159.40	69
11	62.24	42.19	72.82	1.00	0.7005	1.5000	28	1159.40	33
12	44.43	36.04	76.83	0.54	0.7005	1.5000	12	1159.40	13
13	32.61	32.33	79.31	1.00	0.7005	1.5000	18	1159.40	21
14	15.64	22.38	81.98	0.31	0.7005	1.5000	3	1159.40	4
15	0.00	12.92	96.51	0.00	0.7005	1.5000	0	1159.40	0
16	0.00	12.91	89.82	0.00	0.7005	1.5000	0	1159.40	0
17	0.00	12.93	83.64	0.00	0.7005	1.5000	0	1159.40	0
18	0.00	12.96	76.29	0.00	0.7005	1.5000	0	1159.40	0
19	0.00	12.98	71.90	0.00	0.7005	1.5000	0	1159.40	0
20	0.00	12.98	68.77	0.00	0.7005	1.5000	0	1159.40	0
21	0.00	12.95	65.72	0.00	0.7005	1.5000	0	1159.40	0
22	0.00	12.95	63.14	0.00	0.7005	1.5000	0	1159.40	0
23	0.00	12.95	60.69	0.00	0.7005	1.5000	0	1159.40	0
Total	104.26	88.01	64.60	5.26	0.7005		197		229

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District IV
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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 103982

DEFINITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 103982
	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 103982

QUESTIONS

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QUESTIONS

Prerequisites	
<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	[30-015-26265] DAGGER ZW #002
Incident Facility	Not answered.

Determination of Reporting Requirements	
<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	No
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.
<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 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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	79
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	1
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, Page 2

Action 103982

QUESTIONS (continued)

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

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/02/2022
Time vent or flare was discovered or commenced	09:00 AM
Time vent or flare was terminated	02:00 PM
Cumulative hours during this event	6

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other Well Natural Gas Flared Released: 197 Mcf Recovered: 0 Mcf Lost: 197 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	This well is being plugged, if there's any residual gas it has to be flared in order to safely proceed with the P&A process
Steps taken to limit the duration and magnitude of vent or flare	Plugging well
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Plugging well

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ACKNOWLEDGMENTS

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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

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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.	5/4/2022