

2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: DU20211033
Cust No: 23000-10370

Well/Lease Information

Customer Name: DUGAN PRODUCTION CORP.
Well Name: BUDDHA TEMPLE 90
County/State: SAN JUAN NM
Location: 30-24N-08W
Lease/PA/CA: NM54980
Formation: FRUITLAND COAL
Cust. Stn. No.: 1,088
202A-145038

Source: METER RUN
Well Flowing: Y
Pressure: 72 PSIG
Flow Temp: 84 DEG. F
Ambient Temp: 74 DEG. F
Flow Rate: 77 MCF/D
Sample Method: Purge & Fill
Sample Date: 07/06/2021
Sample Time: 1.34 PM
Sampled By: CALIB SANCHEZ
Sampled by (CO): DUGAN

GOODTIMES GATHERING
Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.1104	1.0855	0.1220	0.00	0.0107
CO2	0.5238	0.5120	0.0900	0.00	0.0080
Methane	92.8199	90.7346	15.7700	937.48	0.5141
Ethane	3.7881	3.7030	1.0150	67.04	0.0393
Propane	0.8689	0.8494	0.2400	21.86	0.0132
Iso-Butane	0.2517	0.2460	0.0830	8.19	0.0051
N-Butane	0.2435	0.2380	0.0770	7.94	0.0049
I-Pentane	0.1252	0.1224	0.0460	5.01	0.0031
N-Pentane	0.0745	0.0728	0.0270	2.99	0.0019
Hexane Plus	0.1940	0.1896	0.0870	10.23	0.0064
Total	100.0000	97.7533	17.5570	1060.73	0.6067

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
BTU/CU.FT IDEAL: 1063.2
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1065.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1047.2
DRY BTU @ 15.025: 1087.0
REAL SPECIFIC GRAVITY: 0.6079

CYLINDER #: 6015
CYLINDER PRESSURE: 69 PSIG
ANALYSIS DATE: 07/14/2021
ANALYSIS TIME: 04:01:08 PM
ANALYSIS RUN BY: SHYANN GALLEGOS

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA-2261

GC: Danalyzer Model 500

GC Method: C6+ Gas

Last Cal/Verify: 07/15/2021



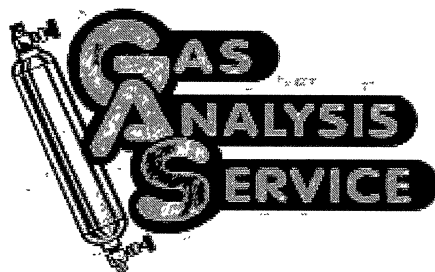
DUGAN PRODUCTION CORP.
WELL ANALYSIS COMPARISON

Lease: BUDDHA TEMPLE 90
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METER RUN
 FRUITLAND COAL

07/15/2021
 23000-10370

Smpl Date:	07/06/2021	02/22/2021	08/13/2020	03/27/2020	07/31/2019	01/18/2019	07/31/2018
Test Date:	07/14/2021	02/25/2021	10/28/2020	04/08/2020	08/13/2019	01/28/2019	10/15/2018
Run No:	DU20211033	DU210447	DU200953	DU200288	DU190765	DU190028	DU180899
Nitrogen:	1.1104	1.7316	0.9561	1.5027	1.3760	1.5461	1.5939
CO2:	0.5238	0.3103	0.5516	0.3781	0.4404	0.3626	0.3593
Methane:	92.8199	89.3577	94.1060	90.5676	91.7880	90.2358	90.1226
Ethane:	3.7881	4.2878	3.4657	4.0870	3.8653	4.1228	4.1503
Propane:	0.8689	2.0620	0.4541	1.6700	1.2237	1.7708	1.8033
I-Butane:	0.2517	0.6211	0.1360	0.5024	0.3672	0.5279	0.5370
N-Butane:	0.2435	0.6077	0.1276	0.4899	0.3577	0.5198	0.5288
I-Pentane:	0.1252	0.3170	0.0652	0.2498	0.1842	0.2691	0.2714
N-Pentane:	0.0745	0.1899	0.0383	0.1475	0.1086	0.1606	0.1617
Hexane+:	0.1940	0.5149	0.0994	0.4050	0.2889	0.4845	0.4717
BTU:	1065.7	1123.4	1045.9	1104.1	1082.0	1111.2	1111.4
GPM:	17.5570	17.9600	17.4050	17.8250	17.6660	17.8710	17.8740
SPG:	0.6079	0.6481	0.5940	0.6344	0.6199	0.6392	0.6398
	01/18/2018	07/07/2017	03/10/2017	05/12/2016	03/24/2015	01/29/2014	02/05/2013
	01/24/2018	07/07/2017	03/10/2017	05/12/2016	03/24/2015	01/29/2014	02/05/2013
	DU180084	DU170659	DU170277	DU160544	DU150475	DU140149	DU130127
	1.4570	1.7424	1.4230	1.5070	1.4640	1.7710	1.3890
	0.3832	0.3798	0.4390	0.3680	0.3820	0.3230	0.3760
	90.7240	90.3529	91.2469	90.4150	90.3990	89.7919	91.2510
	4.0577	4.0650	3.9540	4.0940	4.1120	4.1830	3.9730
	1.6238	1.6607	1.4060	1.7330	1.7650	1.9250	1.4720
	0.4875	0.4763	0.4160	0.5170	0.5250	0.5750	0.4380
	0.4660	0.4826	0.4070	0.5030	0.5150	0.5520	0.4250
	0.2466	0.2501	0.2090	0.2610	0.2610	0.2880	0.2160
	0.1480	0.1492	0.1240	0.1550	0.1490	0.1680	0.1260
	0.4062	0.4410	0.3750	0.4470	0.4280	0.4230	0.3340
	1102.6	1102.2	1092.1	1108.1	1108.5	1112.1	1093.6
	17.8130	17.8110	17.7390	17.8500	17.8520	17.8800	17.7450
	0.6331	0.6358	0.6268	0.6369	0.6369	0.6415	0.6265



DUGAN PRODUCTION CORP.
WELL ANALYSIS COMPARISON

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METER RUN
FRUITLAND COAL

07/15/2021
23000-10370

02/04/2012	05/28/2011	05/11/2010	06/30/2009	04/26/2008	03/18/2008	05/29/2007
02/04/2012	05/28/2011	05/11/2010	06/30/2009	04/26/2008	03/18/2008	05/29/2007
DU120194	DU110427	DU100443	DU290407	DU280210	DU280050	DU270357
1.7040	1.7530	1.8870	1.4810	1.7820	1.7350	1.8410
0.3110	0.2430	0.1990	0.4150	0.1840	0.1690	0.1860
89.6910	89.0950	88.5490	91.9230	88.2610	88.2280	88.4160
4.2310	4.3510	4.4290	3.8080	4.5100	4.5170	4.4910
1.9200	2.2600	2.4340	1.1760	2.5670	2.5920	2.5160
0.5740	0.6720	0.7310	0.3590	0.7730	0.7800	0.7540
0.5600	0.6350	0.7040	0.3280	0.7410	0.7500	0.7210
0.2850	0.3260	0.3500	0.1700	0.3840	0.3750	0.3530
0.1690	0.1890	0.2060	0.0940	0.2270	0.2280	0.2090
0.5550	0.4760	0.5110	0.2460	0.5710	0.6260	0.5130
1119.0	1127.6	1135.7	1076.2	1145.7	1149.2	1139.2
17.9260	17.9890	18.0500	17.6180	18.1170	18.1390	18.0730
0.6451	0.6500	0.6560	0.6166	0.6610	0.6627	0.6575
05/03/2006	05/10/2005	04/29/2004	04/01/2003	04/16/2002	05/14/2001	07/24/2000
05/03/2006	05/10/2005	04/29/2004	04/01/2003	04/16/2002	05/14/2001	07/24/2000
DU260167	DU250305	DU240070	DU230065	DU220096	DU210078	DUG00038
1.8570	1.8640	1.8470	1.7990	1.8370	1.8510	1.8690
0.2140	0.2220	0.2000	0.2050	0.1820	0.1730	0.1560
88.6310	88.3470	88.3460	88.8210	88.4870	88.3910	88.2400
4.4330	4.4330	4.4060	4.3900	4.4200	4.4400	4.4700
2.4280	2.6190	2.6220	2.4150	2.5000	2.5490	2.6030
0.7240	0.7530	0.7550	0.7010	0.7600	0.7680	0.7870
0.6900	0.7200	0.7250	0.6750	0.7290	0.7390	0.7530
0.3390	0.3490	0.3540	0.3370	0.3550	0.3600	0.3690
0.1990	0.2060	0.2100	0.1940	0.2100	0.2130	0.2170
0.4850	0.4870	0.5350	0.4630	0.5200	0.5160	0.5360
1132.9	1137.9	1140.5	1131.3	1138.7	1140.0	1143.0
18.0380	18.0680	18.0800	18.0180	18.0660	18.0770	18.0970
0.6540	0.6576	0.6588	0.6526	0.6573	0.6581	0.6600



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METER RUN
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07/15/2021
23000-10370

02/26/1999	04/28/1997	09/20/1996	07/06/1995	06/07/1995	05/30/1995
02/26/1999	04/28/1997	09/20/1996	07/06/1995	06/07/1995	05/30/1995
DUG90579	DUG70271	DUG60098	DUG50099	DUG50082	DUG50068
1.8750	1.8520	1.8540	2.5760	17.4740	16.2770
0.1520	0.1170	0.1180	0.1130	0.0280	0.1380
87.9961	87.9980	88.0450	87.5980	74.5680	75.7480
4.5870	4.6030	4.5760	4.5140	3.6850	3.7190
2.7010	2.7540	2.7530	2.7150	2.1930	2.1780
0.8070	0.8120	0.8060	0.7810	0.6400	0.6300
0.7690	0.7780	0.7780	0.7420	0.6170	0.5990
0.3740	0.3770	0.3730	0.3490	0.2930	0.2760
0.2200	0.2170	0.2150	0.2030	0.1700	0.1580
0.5190	0.4920	0.4820	0.4090	0.3320	0.2770
1145.5	1146.1	1145.2	1131.3	954.3	961.6
18.1230	18.1240	18.1160	18.0270	16.9110	16.9610
0.6615	0.6609	0.6604	0.6592	0.7027	0.6964

Gas loss near Kaibab Trail #1 gas loss – 3/11/24 @ 12:42 p.m.
Section 28, T24N, R8W (UL D)
Lat. 36.291812, Long. -107.69539

The calculation for estimating the volume is $16.59 \text{ scf/hour} \times 720 \text{ hours} = 12 \text{ MCF}$.

Kevin Smaka P.E.
Regulatory Engineer
Dugan Production Corp
505-486-6207

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DEFINITIONS

Action 324394

DEFINITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 324394
	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: <ul style="list-style-type: none">• 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 324394

QUESTIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 324394
	Action Type: [C-129] Venting and/or Flaring (C-129)

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	[30-045-25034] KAIBAB TRAIL #001
Incident Facility	Unavailable.

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	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, answer to "eight hours or more" suggests this is at least a minor event.
<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	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 withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Pipeline (Any)
Additional details for Equipment Involved. Please specify	Please note that this was most near the Kaibab Trail #1 location which is the API and facility used for this C-129, as operator is required to give a facility ID or API # in order to submit.

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	92
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) 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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2
Action 324394

QUESTIONS (continued)

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 324394
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/11/2024
Time vent or flare was discovered or commenced	12:42 PM
Time vent or flare was terminated	01:00 PM
Cumulative hours during this event	720

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 12 Mcf Recovered: 0 Mcf Lost: 12 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
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	The operator cannot predict when corrosion will cause holes in pipelines.
Steps taken to limit the duration and magnitude of vent or flare	All associated wells and doglegs were shut in to prevent excess waste.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Line was excavated and inspected for pitting and other defects and defective portions of the line were replaced.

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ACKNOWLEDGMENTS

Action 324394

ACKNOWLEDGMENTS

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	Action Number: 324394
	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 complete 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 324394

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 324394
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
tmfeil	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.	3/19/2024