Well Name: OMEGA 5H; FB SEP
API #:
Source: TUBING
Sample Type: GAS

Analysis No: LG2021095
Cust No: 46600-11765

Well/Lease Information

Customer Name:	LOGOS OPERATING LLC	Source:	TUBING
Well Name:	OMEGA 5H; FB SEP	Well Flowing:	Y
County/State:		Pressure:	180 PSIG
Location:		Flow Temp:	92 DEG. F
Lease/PA/CA:		Ambient Temp:	63 DEG. F
Formation:		Flow Rate:	2493 MCF/D
Cust. Stn. No.:		Sample Method:	Purge & Fill
	CC#	Sample Date:	06/05/2021
		Sample Time:	4.42 AM
		Sampled By:	TRAVIS K
Heat Trace:		Sampled by (CO):	LOGOS
Remarks:			

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	62.0077	60.0507	6.8310	0.00	0.5997
CO2	0.2601	0.2519	0.0440	0.00	0.0040
Methane	24.5295	23.7555	4.1640	247.75	0.1359
Ethane	5.0282	4.8695	1.3470	88.98	0.0522
Propane	4.6029	4.4576	1.2700	115.81	0.0701
Iso-Butane	0.5789	0.5606	0.1900	18.83	0.0116
N-Butane	1.6124	1.5615	0.5090	52.60	0.0324
I-Pentane	0.3851	0.3729	0.1410	15.41	0.0096
N-Pentane	0.3829	0.3708	0.1390	15.35	0.0095
Hexane Plus	0.6123	0.5930	0.2730	32.27	0.0203
Total	100.0000	96.8440	14.9080	587.00	0.9452

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0016	CYLINDER #:	4213
BTU/CU.FT IDEAL:	588.4	CYLINDER PRESSURE:	59 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	589.3	ANALYIS DATE:	06/05/2021
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	579.0	ANALYIS TIME:	11:54:33 AM
DRY BTU @ 15.025:	601.1	ANALYSIS RUN BY:	SEAN CASAUS
REAL SPECIFIC GRAVITY:	0.9463		

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.
GPA Standard: GPA-2261
GC: Danalyzer Model 500 **Last Cal/Verify: 06/05/2021**
GC Method: C6+ Gas

LOGOS OPERATING LLC

WELL ANALYSIS COMPARISON

Lease:	OMEGA 5H; FB SEP	TUBING	06/05/2021
Stn. No.:			46600-11765
Mtr. No.:	CC#		

Smpl Date:	06/05/2021	06/04/2021	06/03/2021
Test Date:	06/05/2021	06/04/2021	06/04/2021
Run No:	LG2021095	LG2021093	LG2021092
Nitrogen:	62.0077	64.6671	65.0590
CO2:	0.2601	0.2364	0.2220
Methane:	24.5295	22.6239	22.3865
Ethane:	5.0282	4.6014	4.5332
Propane:	4.6029	4.3654	4.2913
I-Butane:	0.5789	0.5774	0.5675
N-Butane:	1.6124	1.5728	1.5541
I-Pentane:	0.3851	0.3828	0.3858
N-Pentane:	0.3829	0.3815	0.3876
Hexane+:	0.6123	0.5913	0.6130
BTU:	589.3	553.7	548.8
GPM:	14.9080	14.6660	14.6360
SPG:	0.9463	0.9514	0.9522

LOGOS Operating, LLC

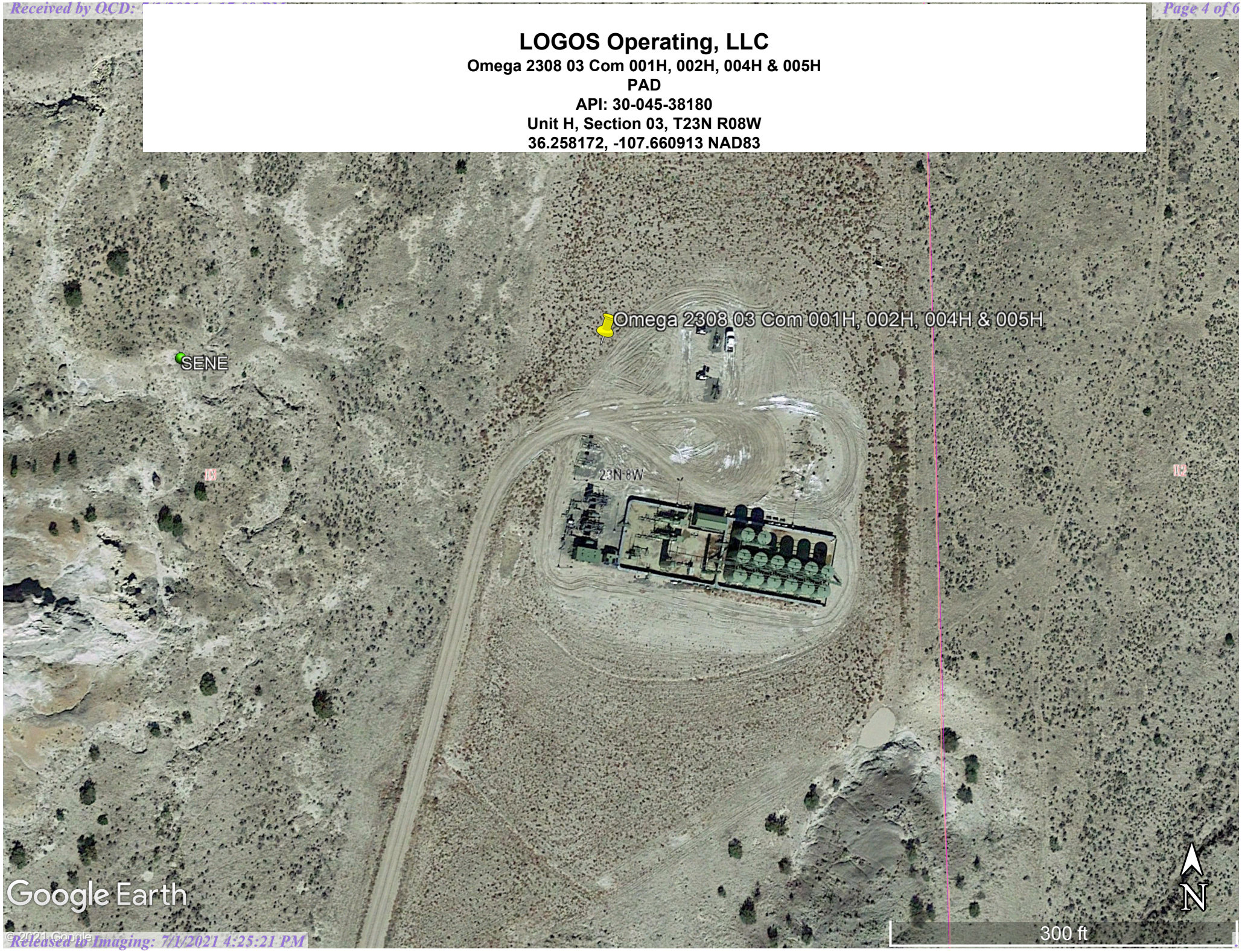
Omega 2308 03 Com 005H
Flared Meter 11962
API: 30-045-38180
Unit H, Section 03, T23N R08W
36.258172, -107.660913 NAD 83

OMEGA 2308 03 FED COM 5H FLARE METER **11962**

Date	Gas Flowed	Differential	Static Pressure Psia	Gas Temp
6/17/2021	0.00	0	0	60
6/16/2021	1,736.06	0	0	60
6/15/2021	1,778.20	0	0	60
6/14/2021	1,896.21	0	0	60
6/13/2021	1,843.20	0	0	60
6/12/2021	1,500.40	0	0	60
6/11/2021	1,867.00	0	0	60
6/10/2021	1,914.00	0	0	60
6/9/2021	2,093.00	0	0	60
6/8/2021	2,403.00	0	0	60
6/7/2021	2,588.00	0	0	60
6/6/2021	2,757.00	0	0	60
6/5/2021	2,287.00	0	0	60
6/4/2021	1,258.00	0	0	60
6/3/2021	0.00	0	0	60
6/2/2021	0.00	0	0	60

LOGOS Operating, LLC

Omega 2308 03 Com 001H, 002H, 004H & 005H
PAD
API: 30-045-38180
Unit H, Section 03, T23N R08W
36.258172, -107.660913 NAD83



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
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 34706

QUESTIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 34706
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional guidance.	
Was or is this venting or flaring caused by an emergency or malfunction	No
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a notification of a major venting or flaring	**Yes, major venting or flaring of natural gas.**
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting 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 or flared during this event	Yes
Did this venting 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

Unregistered Facility Site	
Please provide the facility details, if the venting or flaring occurred or is occuring at a facility that does not have an Facility ID (f#) yet.	
Facility or Site Name	Omega 2308 03 Com 005H
Facility Type	Flare Stack - (FS)

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	25
Nitrogen (N2) percentage, if greater than one percent	62
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
Oxygen (02) 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 Sufide (H2S) PPM quality requirement	*Not answered.*
Carbon Dioxide (C02) percentage quality requirement	*Not answered.*
Oxygen (02) percentage quality requirement	*Not answered.*

Date(s) and Time(s)	
Date venting or flaring was discovered or commenced	06/05/2021
Time venting or flaring was discovered or commenced	04:42 AM
Is the venting or flaring event complete	No
Date venting or flaring was terminated	*Not answered.*
Time venting or flaring was terminated	*Not answered.*
Total duration of venting or flaring in hours, if venting or flaring has terminated	*Not answered.*
Longest duration of cumulative hours within any 24-hour period 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: Other | Separator | Natural Gas Flared | Spilled: 2,757 Mcf | Recovered: 0 Mcf | Lost: 2,757 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 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 or flaring a result of downstream activity	No
Date notified of downstream activity requiring this venting or flaring	*Not answered.*
Time notified of downstream activity requiring this venting 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	Drilling and Completion operations were completed. The Nitrogen content level was above Harvest pipeline standards.
Steps taken to limit the duration and magnitude of venting or flaring	Utilizing separator on location and pipeline is currently installed ready to flow downline once N2 content level is acceptable per Harvest standards.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Utilizing separator on location and pipeline is currently installed ready to flow downline once N2 content level is acceptable per Harvest standards.

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Santa Fe, NM 87505

CONDITIONS

Action 34706

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 34706
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	7/1/2021