

Analysis

Date-Time: 06/03/21 07:46 Analysis Time: 230 Cycle Time: 240
Stream: 3 HIGH Mode: ANLY Cycle Start Time: 07:42
Analyzer: 709875 Strm Seq:1
Company: LOGOS Operating
S/O: 709875 S/N: 9013051

Component Name	Mole Percent	BTU Gross	Relative Density
NITROGEN	68.1301	0.00	0.6590
CARBON DIOXIDE	0.2485	0.00	0.0038
METHANE	18.8761	191.08	0.1046
ETHANE	4.2696	75.73	0.0443
PROPANE	4.4095	111.20	0.0671
i-BUTANE	0.5478	17.85	0.0110
n-BUTANE	1.6937	55.38	0.0340
i-PENTANE	0.3825	15.34	0.0095
n-PENTANE	0.3777	15.17	0.0094
C6+ 47/35/17	1.0645	56.30	0.0353
TOTALS	100.0000	538.07	0.9779

'*' indicates user-defined components

Compressibility Factor (1/Z) @ 14.73000 PSIA _60.0 DEG.F= 1.00170

Base Pressures 14.73000

Gross Dry BTU = 538.98 Corrected/Z
Real Relative Density Gas = 0.9792
Unnormalized Mole Percent = 89.533

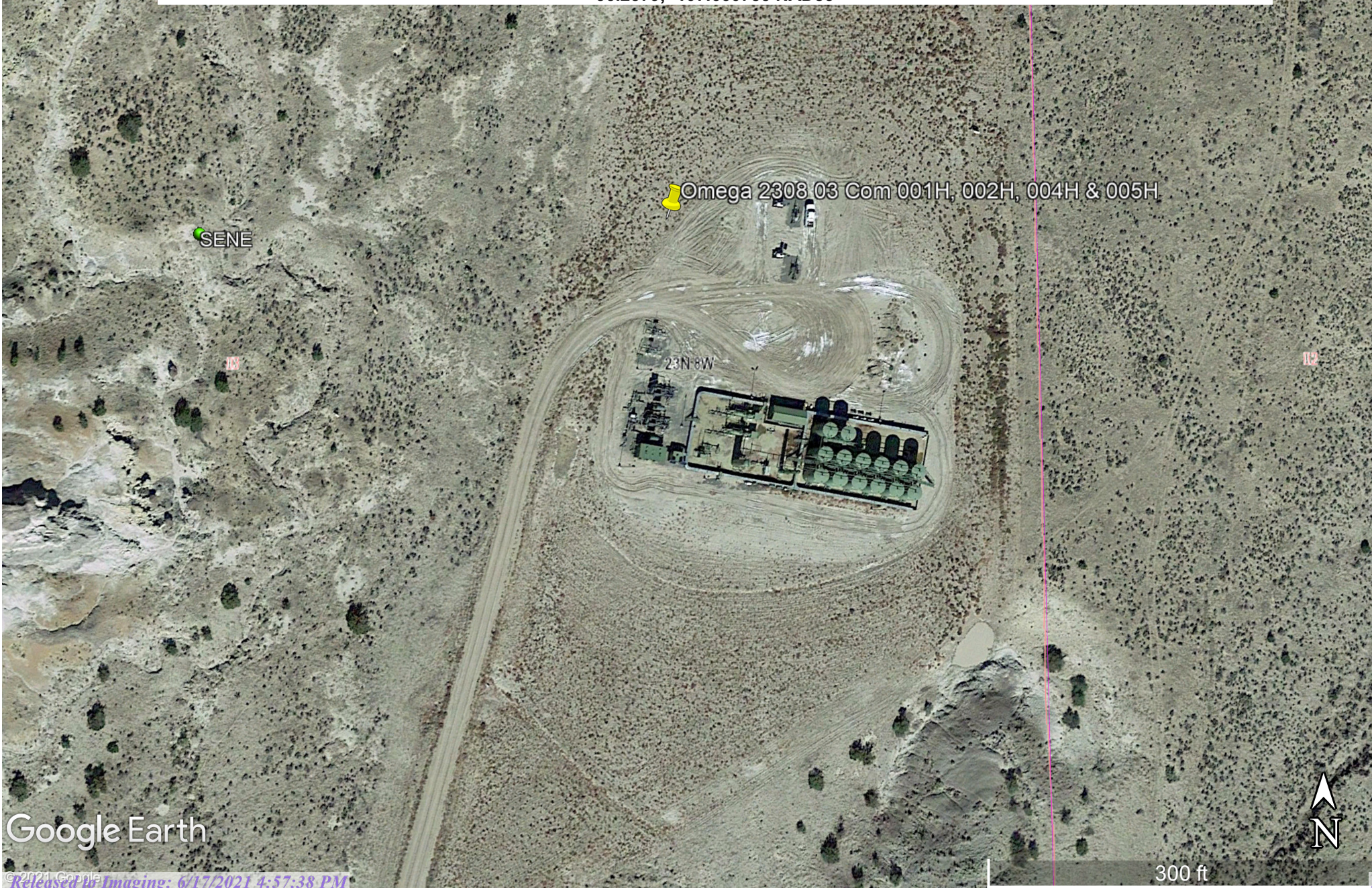
ACTIVE ALARMS

None

LOGOS Operating, LLC
Omega 2308 03 002H
Flared Meter 11617
API: 30-045-35646
Unit H, Section 03, T23N R08W
36.2579, -107.660785 NAD 83

OMEGA 2308 03 2H SEP GAS MTR 1701601					
11617					
Date ▼	Gas Flowed	Comments	Differential	Static Pressure Psia	Gas Temp
6/17/2021	428.09		44.17280197	28.25608253	91.83592987
6/16/2021	442.75		79.22646331	44.18169403	91.89945220
6/15/2021	449.08		44.90090942	29.27870750	91.17884826
6/14/2021	481.88		75.95656585	41.57777786	88.54496765
6/13/2021	504.82		62.69007492	35.84775543	88.78981018
6/12/2021	468.22		104.9070816	51.05173873	91.83575439
6/11/2021	510.72	Flare	145.4970703	69.46480560	80.64841461
6/10/2021	578.84	flare	108.7781524	53.35686874	83.73278045
6/9/2021	611.70	flare	125.9953460	61.06867218	85.12239837
6/8/2021	625.85	flare	91.05360412	43.99798965	98.50380706
6/7/2021	557.20	flare	125.5183868	60.74706268	80.81700134
6/6/2021	639.10	flare	45.79911041	51.45221328	78.93507385
6/5/2021	425.46	flare	95.81598663	45.57593536	79.30841827
6/4/2021	130.00	Went to flare	265	0	-200
6/3/2021	0.00		265	0	-200

LOGOS Operating, LLC
Omega 2308 03 Com 001H, 002H, 004H & 005H
PAD
API: 30-045-35646
Unit H, Section 03, T23N R08W
36.2579, -107.660785 NAD83



Google Earth

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 32679

QUESTIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 32679
	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 additional 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, minor 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 19.13.29.7 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 occurring at a facility that does not have an Facility ID (##) yet.

Facility or Site Name	Omega 2308 03 2H
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	19
Nitrogen (N2) percentage, if greater than one percent	68
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.

Date(s) and Time(s)

Date venting or flaring was discovered or commenced	06/03/2021
Time venting or flaring was discovered or commenced	07:00 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: 130 Mcf Recovered: 0 Mcf Lost: 130 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	Omega 4H & 5H Frac Operations were occurring on the same existing pad of the Omega 2H. A cross flow occurred and the results of the nitrogen content level did not allow for the Harvest pipeline to accept the gas.
Steps taken to limit the duration and magnitude of venting or flaring	The existing pad on the Omega 2H utilized the separator on location and the pipeline is currently installed and was ready to flow down line once the nitrogen content level was acceptable per Harvest standards.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	The existing pad on the Omega 2H utilized the separator on location and the pipeline is currently installed and was ready to flow down line once the nitrogen content level was acceptable per Harvest standards.

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CONDITIONS

Action 32679

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Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 32679
	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.	6/17/2021