

## G&amp;P OIL AND GAS REGISTRATION

## ALAMO COMPRESSOR STATION

## DELAWARE G&amp;P, LLC

Component	Dehy Emission Source ID DEHY1					
	Regenerator Emissions		Flash Tank Emissions		Total Emissions	
	Hourly (lb/hr)	Annual (T/yr)	Hourly (lb/hr)	Annual (T/yr)	Hourly (lb/hr)	Annual (T/yr)
Carbon Dioxide	3.0400	13.3152	49.9000	218.5620	58.2340	255.0649
Nitrogen	0.0506	0.2216	4.8800	21.3744	5.4237	23.7556
Hydrogen Sulfide	0.0001	0.0001	0.0001	0.0003	0.0002	0.0004
Methane	0.0234	0.1025	2.1955	9.6165	2.4408	10.6909
Ethane	0.0224	0.0981	0.8824	3.8651	0.9953	4.3595
Propane	0.0394	0.1728	0.8192	3.5879	0.9445	4.1368
Isobutane	0.0081	0.0357	0.1508	0.6606	0.1748	0.7659
n-Butane	0.0242	0.1059	0.4026	1.7635	0.4695	2.0563
Isopentane	0.0056	0.0244	0.1228	0.5377	0.1412	0.6183
n-Pentane	0.0072	0.0315	0.1445	0.6331	0.1669	0.7311
n-Hexane	0.0023	0.0100	0.0553	0.2422	0.0634	0.2774
Cyclohexane	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Hexanes	0.0095	0.0417	0.2237	0.9799	0.2565	1.1238
Heptanes	0.0010	0.0042	0.0340	0.1490	0.0385	0.1685
2,2,4-trimethylpentane	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Benzene	0.0334	0.1464	0.0814	0.3564	0.1263	0.5531
Toluene	0.0167	0.0730	0.0872	0.3818	0.1143	0.5003
Ethylbenzene	0.0004	0.0017	0.0043	0.0189	0.0052	0.0227
Xylenes	0.0021	0.0094	0.0246	0.1078	0.0294	0.1289
C8+ Heavies	0.0001	0.0001	0.0871	0.3815	0.0959	0.4198
<b>Total Controlled VOC</b>	<b>0.15</b>	<b>0.66</b>	<b>2.24</b>	<b>9.80</b>	<b>2.63</b>	<b>11.50</b>
<b>Uncontrolled VOC Emissions</b>	<b>26.23</b>	<b>114.90</b>	<b>111.88</b>	<b>490.01</b>	<b>138.11</b>	<b>604.91</b>

## Notes:

1. A 10% safety factor has been added to the total emissions to account for variability in the gas composition.
2. Flash gas emissions are routed to the reboiler as fuel gas, with 98% destruction efficiency.
3. Still vent emissions are routed to the reboiler as fuel gas, with 98% destruction efficiency.
4. The reboiler stack is equipped with a glow plug that combusts VOC emissions with 98% destruction efficiency.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 428638

**QUESTIONS**

Operator: Delaware G&P LLC 1722 Routh Street Dallas, TX 75201	OGRID: 373760
	Action Number: 428638
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2503665493
Incident Name	NAPP2503665493 ALAMO COMPRESSOR STATION @ 0
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	ALAMO COMPRESSOR STATION
Date Release Discovered	02/05/2025
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	Yes
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Other   Gas Compressor Station   Natural Gas Vented   Released: 0 Mcf (Unknown Released Amount)   Recovered: 0 Mcf   Lost: 0 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Approximately 34.5lbs of uncontrolled VOCs were released to the atmosphere due to the fire on the dehy unit with reboiler. BTEX vapors were settling near the firebox on the reboiler causing a fire within the dehy.

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QUESTIONS, Page 2

Action 428638

**QUESTIONS (continued)**

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**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
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.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire; (3) an unauthorized release of gases exceeding 500 MCF.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Daria Underwood Title: Lead Environmental Engineer Email: daria.underwood@enlink.com Date: 02/19/2025
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Action 428638

**QUESTIONS (continued)**

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**QUESTIONS**

<b>Site Characterization</b>	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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CONDITIONS

Action 428638

## CONDITIONS

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	Action Number: 428638
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

## CONDITIONS

Created By	Condition	Condition Date
amaxwell	Initial C-141 accepted.	2/20/2025
amaxwell	a. A Site Characterization/Remediation Plan and Remediation Closure Report will need to include the following information in the attachments: i. Executive Summary including: 1. A description of remedial activities 2. Pursuant to 19.15.29.11 NMAC, site characterization information including the depth to groundwater, wellhead protection, distance to nearest significant water course; and soil/waste characteristics (if applicable).	2/20/2025
amaxwell	Scaled Site Map 1. Include the location where the fire occurred and sampling locations. a. Sampling will be required to prove that there is no impact to the soil. Samples will be required from areas under the fire even if there is no evidence of staining or liquids b. Sampling locations will be required if any fluids from the equipment affected by the fire reach the ground surface, regardless of whether the fluids "burned up" in the fire. c. Soil samples must be 5-point composite samples representative of no more than 200 square feet. The aliquots of the 5-point composite sample must be collected from 4-6 inches below ground surface.	2/20/2025
amaxwell	Photographs to include: 1. What material or equipment caught fire 2. Where the fire occurred 3. The result of the fire (i.e. the ground surface after the equipment has been removed, pictures of remediated area prior to backfill (if applicable), etc.)	2/20/2025
amaxwell	A copy of the approval and the email sent to the OCD to request a variance for remediation, reclamation, and revegetation reporting if no liquids hit the ground. The variance request must comply with the requirements of 19.15.29.14 NMAC.	2/20/2025
amaxwell	Laboratory Analytical Results 1. Include chain of custody 2. If a soil sample will be collected to prove soil has not been impacted, samples must be 5-point composite samples representative of no more than 200 square feet collected from the release/fire area. 3. Table of Lab Results (if applicable) from liquid impact to soil.	2/20/2025
amaxwell	Note, if liquids have impacted soil, surface water, etc., the site characterization/remediation plan, closure report, reclamation report, and revegetation report will need to comply with 19.15.29 NMAC.	2/20/2025