

CERTIFICATE OF ANALYSIS

Sample Id: 85772
Sample Desc: CANYON LARGO UNIT #337 CPD
Effective Date: 06/01/2021 07:00
Sample Date: 05/12/2021 08:00
Analyzed Date:
Sample Freq: SEMIANNUALLY
Sample Temp (F): 58.0
Sample Press (PSIG): 53.0
Press Base: 14.73

Sample Type: SPOT
Sampled By:
Analyzed By: FSLAB
GPA Version: 2145-16

District: Meas 300-Pipe 300-Supv C
Device: (No spec equip)
Chrom ID: N/A

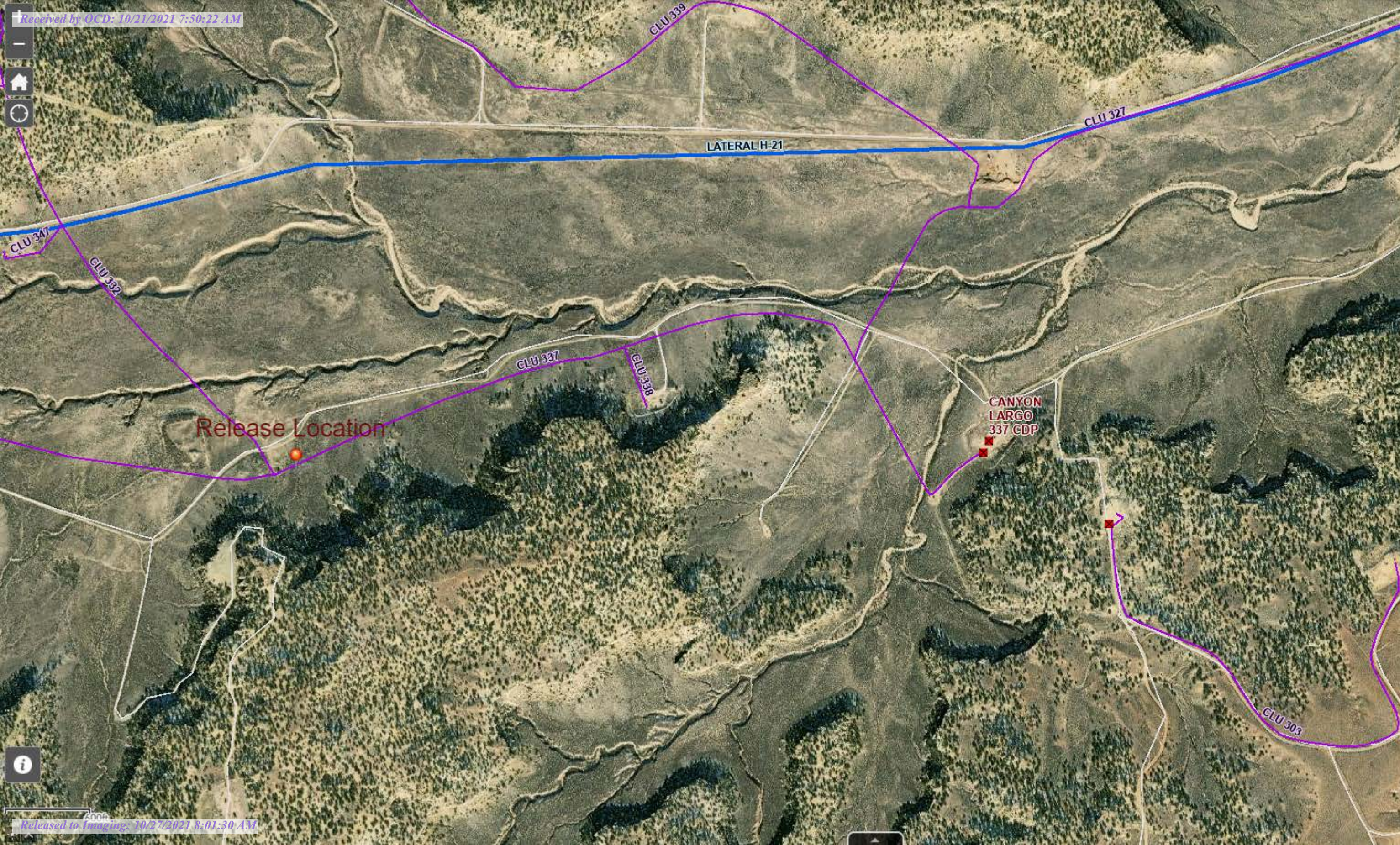
Component	Mole %	GPM	Others	Mole %	GPM
Methane	78.8823	0.0000	Carbon Dioxide	0.6103	0.0000
Ethane	10.5785	2.8388	H2S	0.0000	0.0000
Propane	5.5268	1.5279	Nitrogen	0.7262	0.0000
Iso Butane	0.5584	0.1834	* Hydrogen	0.0000	0.0000
Butane	1.6650	0.5267	* Oxygen	0.0000	0.0000
Iso Pentane	0.3723	0.1366	* Helium	0.0000	0.0000
Pentane	0.4099	0.1491	* Argon	0.0000	0.0000
NeoPentane	0.0000	0.0000	* Carbon Monoxide	0.0000	0.0000
Hexane	0.6703	0.3002			
* Heptane	0.0000	0.0000	Sub Total Others	1.3365	0.0000
* Octane	0.0000	0.0000			
* Nonane	0.0000	0.0000			
* Decane	0.0000	0.0000			
Sub Total GPM	98.6635	5.6627			
Others	1.3365	0.0000			
Total	100.0000	5.6627			

Gravity: 0.7362
Dry BTU: 1269.8
Wet BTU: 1247.7

* Not Tested

Estimated Release Volume Determination:

The estimated release volume was determined by reviewing the discrepancies in the sales meters at the wells, flowing to the CDP, and the meter at the CDP, itself. The volume was estimated by taking the daily total from the sales meters of all wells flowing to the CDP and subtracting that from the meter reading at the CDP. The discrepancy was first recognized on 8/31/2021 and continued until the morning of 10/13/2021 when the piping was repaired and the release stopped.



Legend

Facilities

CDPs

Pipelines

Pipelines

Hilcorp Operated Pipeline

Harvest Operated Pipeline

Other

Lateral

Trunk

Roads and Highways

US Highways

SJB Roads

No Access

Main Road

Road



District I1625 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 57188

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 57188
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	[30-039-23399] CANYON LARGO UNIT #337
Incident Facility	Not answered.

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 and/or flaring caused by an emergency or malfunction	No
Did or will this venting and/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 venting and/or flaring event	Yes, major venting and/or flaring of natural gas.
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.	
Was there or will there be at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this venting and/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
Was the venting and/or flaring 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	Pipeline adjacent to well.

Representative Compositional Analysis of Vented or Flared Natural Gas Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	79
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	1
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	0
Nitrogen (N2) percentage quality requirement	0
Hydrogen Sulfide (H2S) PPM quality requirement	0
Carbon Dioxide (CO2) percentage quality requirement	0
Oxygen (O2) percentage quality requirement	0

Date(s) and Time(s)	
Date venting and/or flaring was discovered or commenced	10/13/2021
Time venting and/or flaring was discovered or commenced	08:30 AM
Time venting and/or flaring was terminated	08:30 AM
Cumulative hours during this event	1,028

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Pipeline (Any) Natural Gas Vented Released: 2,100 Mcf Recovered: 0 Mcf Lost: 2,100 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 or is this venting and/or flaring a result of downstream activity	No
Was notification of downstream activity received by you or your operator	Not answered.
Downstream OGRID that should have notified you or your operator	Not answered.
Date notified of downstream activity requiring this venting and/or flaring	Not answered.
Time notified of downstream activity requiring this venting and/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	The release occurred due to unforeseen piping failure. The failure was believed to be caused by sudden changes in pressure brought on by inclement weather conditions that was beyond the operator's control.
Steps taken to limit the duration and magnitude of venting and/or flaring	Initially, Hilcorp performed QA/QC to determine the origin of the release, which included contacting the midstream operator to verify their meters were accurate and performing FLIR inspections of the line in question. No leaks were found during this time. The release was discovered on 10/13/21. As soon as the source of the release was discovered, operations repaired the piping, stopping the release.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Piping modifications were made by operations in an effort to prevent this from happening again.

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CONDITIONS

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	Action Number: 57188
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CONDITIONS

Created By	Condition	Condition Date
wginn	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.	10/27/2021