Regist Composition and Properties

Effective October 1, 2023 08:00 - January 18, 2038 21:14

Source #: 87678

Name: SAN JUAN 28-6 UNIT 134 DK



| Component | Mole % | Liquid Content | Mass % |
|------------------------|----------|-------------------|----------|
| Carbon Dioxide (CO2) | 1.1186 | | 2.6098 |
| Nitrogen (N2) | 0.1503 | | 0.2232 |
| Methane (C1) | 88.1719 | | 74.9873 |
| Ethane (C2) | 6.7948 | 1.8176 | 10.8313 |
| Propane (C3) | 2.0493 | 0.5647 | 4.7906 |
| Isobutane (IC4) | 0.4302 | 0.1408 | 1.3256 |
| n-Butane (NC4) | 0.3917 | 0.1235 | 1.2069 |
| Isopentane (IC5) | 0.2354 | 0.0861 | 0.9004 |
| n-Pentane (NC5) | 0.1118 | 0.0405 | 0.4276 |
| Hexanes Plus (C6+) | 0.5460 | 0.2383 | 2.6973 |
| Argon (Ar) | | | |
| Carbon Monoxide (CO) | | | |
| Hydrogen (H2) | | | |
| Oxygen (O2) | | | |
| Helium (He) | | | |
| Water (H2O) | | | |
| Hydrogen Sulfide (H2S) | | | |
| Totals | 100.0000 | 3.0130 | 100.0000 |

| Property | Total Sample |
|------------------------|-----------------|
| Pressure Base | 14.70 |
| Temperature Base | 60 |
| HCDP @ Sample Pressure | |
| Cricondentherm | 57.265 |
| HV, Dry @ Base P, T | 1134.16 |
| HV, Sat @ Base P, T | 1114.37 |
| HV, Sat @ Sample P, T | 1128.57 |
| Relative Density | 0.6528 |

C6+: 60 - 30 - 10

Sample

Date: 09/06/2023 Type: Spot

Tech: Trent Muniz

Pressure: 52.0 psi Temp.: 60 °F

Gauge: Absolute H2O: Atm. Pressure: H2S:

Remarks:

Analysis

Cylinder: 0532

Tech:

Remarks:

*** End of Report ***

Start Date 11/1/2023 (Enter the DATE only for the start of the well (MM/DD/YYYY)

Start Hour | 13:00 (Enter a WHOLE # for the starting HOUR in Military Time (i.e. 3:00 p.m. = 15 hrs)

Associated Wells: SAN JUAN 28-6 UNIT 134

Hourly Required X X X X X X X X X X

| Date & time | Casing Pressure (psi) | Tubing Pressure (psi) | Braiden Head Pressure (psi) | Separator Pressure (psi) | Line Pressure (psi) | Choke Size (xx/64th's) | Gas Prod Wellhead (mcf) | Gas Prod Reservoir (mcf) | Approx. Gas Flared (mcf) | Oxygen ppm |
|---------------|-----------------------------|-----------------------------|-----------------------------------|--------------------------------|------------------------|---------------------------|-------------------------------|--------------------------------|-----------------------------------|---------------|
| 11/1/23 13:00 | 610 | 550 | n/a | n/a | n/a | n/a | 0 | 0 | 0 | 19,300.0 |
| 11/1/23 14:00 | 599 | 320 | n/a | 26 | n/a | 16 | 17 | 17 | 17 | 1,700.0 |
| 11/1/23 15:00 | 599 | 210 | n/a | 22 | n/a | 16 | 16 | 16 | 16 | 555.0 |
| 11/1/23 16:00 | 601 | 140 | n/a | 18 | n/a | 16 | 9 | 9 | 9 | 330.0 |
| 11/1/23 17:00 | 603 | 90 | n/a | 11 | n/a | 16 | 6 | 6 | 6 | 210.0 |
| 11/1/23 18:00 | 603 | 56 | n/a | 5 | n/a | 16 | 5 | 5 | 5 | 181.0 |
| 11/1/23 19:00 | 603 | 210 | n/a | 35 | n/a | 16 | 2 | 2 | 2 | 40,000.0 |
| 11/1/23 20:00 | 580 | 510 | n/a | 80 | n/a | 22 | 7 | 7 | 7 | 178.0 |
| 11/1/23 21:00 | 569 | 600 | n/a | 70 | n/a | 22 | 23 | 23 | 23 | 17.0 |

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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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**

DEFINITIONS

Action 282833

DEFINITIONS

| Operator: | OGRID: |
|------------------------|--|
| HILCORP ENERGY COMPANY | 372171 |
| 1111 Travis Street | Action Number: |
| Houston, TX 77002 | 282833 |
| | 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:

- 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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District III
1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505

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

QUESTIONS

Action 282833

| Phone:(505) 476-3470 Fax:(505) 476-3462 | | |
|--|---|-----------|
| 0 | JESTIONS | |
| Operator: | OGRID: | |
| HILCORP ENERGY COMPANY 1111 Travis Street | 372171 Action Number: | |
| Houston, TX 77002 | 282833 | |
| | 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 | hese issues before continuing with the rest of the questions. | |
| Incident Well | [30-039-20581] SAN JUAN 28 6 UNIT #134 | |
| Incident Facility | Unavailable. | |
| Determination of Deposition Requirements | | |
| Determination of Reporting Requirements Answer all questions that apply. The Reason(s) statements are calculated based on your answers a | d may provide addional quidance | |
| Was this vent or flare caused by an emergency or malfunction | No | |
| Did this vent or flare last eight hours or more cumulatively within any 24-hour | Yes | |
| period from a single event Is this considered a submission for a vent or flare event | Yes, minor venting and/or flaring of natural gas. | |
| To the considered a caphinecian of a vertical hard event. | res, minor venting and/or namy or natural gas. | |
| An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during v | | <u>C.</u> |
| Was there at least 50 MCF of natural gas vented and/or flared during this event | Yes | |
| 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 | Separator | |
| | | |
| 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 | 88 | |
| Nitrogen (N2) percentage, if greater than one percent | 0 | |
| Hydrogen Sulfide (H2S) PPM, rounded up | 0 | |
| Carbon Dioxide (C02) percentage, if greater than one percent | 1 | |
| Oxygen (02) percentage, if greater than one percent | 0 | |
| If you are venting and/or flaring because of Pipeline Specification, please provide the required spec | fications 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. | |

Not answered.

Oxygen (02) percentage quality requirement

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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, Page 2

Action 282833

| 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 | |
|--|--|
| | TIONS (continued) |
| Operator: HILCORP ENERGY COMPANY | OGRID: 372171 |
| 1111 Travis Street | Action Number: |
| Houston, TX 77002 | 282833 Action Type: |
| QUESTIONS | [C-129] Venting and/or Flaring (C-129) |
| Date(s) and Time(s) | |
| Date vent or flare was discovered or commenced | 11/01/2023 |
| Time vent or flare was discovered or commenced | 01:00 PM |
| Time vent or flare was terminated | 09:00 PM |
| Cumulative hours during this event | 8 |
| Measured or Estimated Volume of Vented or Flared Natural Gas | |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Cause: Initial Flowback Separator Natural Gas Flared Released: 84 Mcf Recovered: 0 Mcf Lost: 84 Mcf. |
| Other Released Details | Not answered. |
| Additional details for Measured or Estimated Volume(s). Please specify | Natural Gas Flared volume has a pressure base conversion applied. |
| 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 Time notified of downstream activity requiring this vent or flare | Not answered. |
| Time notined of downstream activity requiring this vent or hare | 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 | Pipeline specifications for oxygen content. |
| Steps taken to limit the duration and magnitude of vent or flare | N/A |
| Corrective actions taken to eliminate the cause and reoccurrence of vent or flare | N/A |

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ACKNOWLEDGMENTS

Action 282833

ACKNOWLEDGMENTS

| Operator: | OGRID: |
|------------------------|--|
| HILCORP ENERGY COMPANY | 372171 |
| 1111 Travis Street | Action Number: |
| Houston, TX 77002 | 282833 |
| | Action Type: |
| | [C-129] Venting and/or Flaring (C-129) |

ACKNOWLEDGMENTS

| I acknowledge that I am authorized to submit a Venting and/or Flaring (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. |
|---|
| 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. |
| 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. |
| 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. |
| 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 282833

CONDITIONS

| Operator: | OGRID: |
|------------------------|--|
| HILCORP ENERGY COMPANY | 372171 |
| 1111 Travis Street | Action Number: |
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| | [C-129] Venting and/or Flaring (C-129) |

CONDITIONS

| Created By | / Condition | Condition Date |
|------------|--|-------------------|
| sgrabert | 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. | 11/6/2023 |