


**AKM MEASUREMENT SERVICES,LLC. Natural Gas Analysis Report**  
 GPA 2172-09/API 14.5 Report with GPA 2145-16 Physical Properties

| Sample Information               |                                      |
|----------------------------------|--------------------------------------|
| Sample Name                      | LOST TANK 18 FACILITY PROD 2         |
| Technician                       | ANTHONY DOMINGUEZ                    |
| Analyzer Make & Model            | INFICON MICRO GC                     |
| Last Calibration/Validation Date | 12-15-2023                           |
| Meter Number                     | 16412P                               |
| Air temperature                  | 59                                   |
| Flow Rate (MCF/Day)              | 19315                                |
| Heat Tracing                     | HEATED HOSE & GASIFIER               |
| Sample description/mtr name      | LOST TANK 18 FACILITY PROD 2         |
| Sampling Method                  | FILL & EMPTY                         |
| Operator                         | OCCIDENTAL PETROLEUM, OXY USA INC    |
| State                            | NEW MEXICO                           |
| Region Name                      | PERMIAN_RESOURCES                    |
| Asset                            | NEW MEXICO                           |
| System                           | LOST TANK                            |
| FLOC                             | OP-DELNE-BT010                       |
| Sample Sub Type                  | CTB                                  |
| Sample Name Type                 | METER                                |
| Vendor                           | AKM MEASUREMENT                      |
| Cylinder #                       | 38967                                |
| Sampled by                       | SCOTT                                |
| Sample date                      | 12-11-2023                           |
| Analyzed date                    | 12-19-2023                           |
| Method Name                      | C9                                   |
| Injection Date                   | 2023-12-19 17:22:49                  |
| Report Date                      | 2023-12-19 17:24:34                  |
| EZReporter Configuration File    | 1-16-2023 OXY GPA C9+ H2S #2.cfgx    |
| Source Data File                 | c9df624d-557a-4940-b08e-304ec2186c4a |
| NGA Phys. Property Data Source   | GPA Standard 2145-16 (FPS)           |
| Data Source                      | INFICON Fusion Connector             |

**Component Results**

| Component Name | Peak Area | Raw Amount | Response Factor | Norm Mole% | Gross HV (Dry)<br>(BTU / Ideal cu.ft.) | Relative Gas Density (Dry) | GPM (Dry)<br>(Gal. / 1000 cu.ft.) |  |
|----------------|-----------|------------|-----------------|------------|--|----------------------------|-----------------------------------|--|
| Nitrogen       | 33914.5   | 1.9299     | 0.00005691      | 1.9234     | 0.0                                    | 0.01860                    | 0.212                             |  |
| Methane        | 970996.0  | 70.7503    | 0.00007286      | 70.5121    | 713.8                                  | 0.39057                    | 12.003                            |  |
| CO2            | 27471.0   | 1.3080     | 0.00004761      | 1.3036     | 0.0                                    | 0.01981                    | 0.223                             |  |
| Ethane         | 291718.9  | 13.4465    | 0.00004609      | 13.4012    | 237.7                                  | 0.13913                    | 3.599                             |  |
| H2S            | 0.0       | 0.0000     | 0.00000000      | 0.0000     | 0.0                                    | 0.00000                    | 0.000                             |  |
| Propane        | 234132.9  | 7.6719     | 0.00003277      | 7.6461     | 192.8                                  | 0.11641                    | 2.115                             |  |
| iso-butane     | 91468.0   | 1.0116     | 0.00001106      | 1.0082     | 32.9                                   | 0.02023                    | 0.331                             |  |
| n-Butane       | 233710.5  | 2.5698     | 0.00001100      | 2.5611     | 83.7                                   | 0.05140                    | 0.811                             |  |
| iso-pentane    | 50142.9   | 0.4900     | 0.00000977      | 0.4883     | 19.6                                   | 0.01216                    | 0.179                             |  |
| n-Pentane      | 56869.7   | 0.5337     | 0.00000938      | 0.5319     | 21.4                                   | 0.01325                    | 0.194                             |  |
| hexanes        | 36640.0   | 0.3612     | 0.00000986      | 0.3600     | 17.2                                   | 0.01071                    | 0.149                             |  |
| heptanes       | 31543.0   | 0.1905     | 0.00000604      | 0.1899     | 10.5                                   | 0.00657                    | 0.088                             |  |
| octanes        | 12956.0   | 0.0696     | 0.00000537      | 0.0694     | 4.3                                    | 0.00274                    | 0.036                             |  |
| nonanes+       | 1475.0    | 0.0048     | 0.00000326      | 0.0048     | 0.3                                    | 0.00021                    | 0.003                             |  |
| Total:         | 100.3379  |            | 100.0000        |            | 1334.2                                 | 0.80179                    | 19.943                            |  |

**Results Summary**

| Result                    | Dry      | Sat. |  |
|---------------------------|----------|------|--|
| Total Un-Normalized Mole% | 100.3379 |      |  |
| Pressure Base (psia)      | 14.730   |      |  |
| Temperature Base (Deg. F) | 60.00    |      |  |

| Result                                   | Dry    | Sat.   |  |
|--|--------|--------|--|
| Flowing Pressure (psia)                  | 100.2  |        |  |
| Gross Heating Value (BTU / Ideal cu.ft.) | 1334.2 | 1311.0 |  |
| Gross Heating Value (BTU / Real cu.ft.)  | 1340.0 | 1317.3 |  |
| Relative Density (G), Real               | 0.8049 | 0.8022 |  |

## Monitored Parameter Report

| Parameter                  | Value    | Lower Limit | Upper Limit | Status |  |
|----------------------------|----------|-------------|-------------|--------|--|
| Total un-normalized amount | 100.3379 | 97.0000     | 103.0000    | Pass   |  |



## UPSET FLARING EVENT SPECIFIC JUSTIFICATIONS FORM

**Facility Id#** fAPP2410600153

**Operator:** OXY USA, Inc.

**Facility:** Lost Tank 18 CPF

**Flare Date:** 12/19/2025

**Duration of Event:** 25 Minutes

**MCF Flared:** 71

**Start Time:** 03:50 AM

**End Time:** 04:15 AM

**Cause:** Emergency Flare > Third Party Downstream Activity > Enterprise > Orla Plant > Operational Issues

**Method of Flared Gas Measurement:** Gas Flare Meter

### **1. Reason why this event was beyond Operator's control:**

The emissions event was caused by the unforeseen, unexpected, sudden, and unavoidable interruption, restriction or complete shut-in of a gas pipeline by a third-party pipeline compressor station operator, which impacted Oxy's ability to send gas to them. This interruption, restriction or complete shut-in of the gas pipeline by a third-party pipeline compression station operator is downstream of Oxy's custody transfer point and out of Oxy's control to foresee, avoid or prevent from happening and did not stem from any of Oxy's upstream facility activity that could have been foreseen and avoided, and could not have been avoided by good design, operation, and preventative maintenance practices. In this case, flaring occurred due to an unexpected emergency shutdown, which resulted in an unannounced stoppage of sales gas flow intake from OXY by Enterprise operations. This emergency shutdown originated from Enterprise, a third-party downstream offloading operator, who was experiencing operational difficulties at their Orla Plant. While Oxy made efforts to maintain open communication with Enterprise personnel, there was no prior discussion regarding the sales gas intake stoppage or the emergency shutdown on Enterprise's side until after their emergency shutdown had taken place. This lack of communication significantly hindered Oxy's ability and capacity to prevent flaring from occurring. Oxy's field and operations teams diligently oversee the facility to swiftly identify any deviations from standard operational parameters. Nevertheless, Enterprise did not provide any advance warning to the personnel at Oxy regarding possible interruptions in sales gas flow intake or operational matters that might impact OXY's facilities. If Enterprise had provided prior notification to Oxy personnel, field and operation personnel would have adjusted and balanced the wells to reduce the amount of gas being sent to the facility and to sales, which in turn would have mitigated the chances of a flaring event occurring. Although flaring is not OXY's preferred method for handling excess gas, it is necessary to ensure the safety of our operations, equipment, and field personnel. The occurrence of this event was beyond OXY's control.

### **2. Steps Taken to limit duration and magnitude of venting or flaring:**

It is OXY's policy to route its stranded gas to a flare during an unforeseen and unavoidable emergency or malfunction, that is beyond Oxy's control to avoid, prevent or foresee, to minimize emissions as much as possible as part of the overall steps taken to limit duration and magnitude of flaring. The flare at this facility has a 98% combustion efficiency to lessen emissions as much as possible. In this case, flaring occurred due to an unexpected emergency shutdown, which resulted in an unannounced stoppage of sales gas flow intake from OXY by Enterprise operations. This emergency shutdown originated from Enterprise, a third-party downstream offloading operator, who was experiencing operational difficulties at their Orla Plant. While Oxy made efforts to maintain open communication with Enterprise personnel, there was no prior discussion regarding the sales gas intake stoppage or the emergency shutdown on Enterprise's side until after their emergency shutdown had taken place. This lack of communication significantly hindered Oxy's ability and capacity to prevent flaring from occurring. Oxy's field

and operations teams diligently oversee the facility to swiftly identify any deviations from standard operational parameters. Nevertheless, Enterprise did not provide any advance warning to the personnel at Oxy regarding possible interruptions in sales gas flow intake or operational matters that might impact OXY's facilities. If Enterprise had provided prior notification to Oxy personnel, field and operation personnel would have adjusted and balanced the wells to reduce the amount of gas being sent to the facility and to sales, which in turn would have mitigated the chances of a flaring event occurring. Although flaring is not OXY's preferred method for handling excess gas, it is necessary to ensure the safety of our operations, equipment, and field personnel. Once flaring was triggered, Oxy production technicians promptly choked back several wells and decreased injection rates in the affected area. These measures were taken to reduce field pressure below the flare activation thresholds of the facility to cease flaring. The occurrence of this event was beyond OXY's control. OXY took all possible measures to manage and reduce emissions to the greatest extent.

### **3. Corrective Actions taken to eliminate the cause and reoccurrence of venting or flaring:**

Oxy is not in a position to implement corrective measures to address the root cause and prevent future incidents of a gas flow restriction, shut-in or suspension in the Enterprise offload sales gas pipeline, since this matter is beyond Oxy's custody transfer point and outside of Oxy's capacity to correct or keep from happening again. When Enterprise and its operations encounter operational or equipment issues or have difficulty managing the sales gas transmission flow volume from Oxy inefficiently, Enterprise then restricts Oxy's ability to proceed with its sales gas transmission. Oxy is committed to minimizing emissions as much as possible and aims to maintain open communication with its downstream and midstream operators, when feasible, to handle such events effectively.

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

DEFINITIONS

Action 540253

**DEFINITIONS**

|   |  |
|---|--|
| Operator:   | OGRID:<br>16696  |
| OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | Action Number:<br>540253                               |
|   | Action Type:<br>[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.

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 540253

**QUESTIONS**

|  |  |
|--|--|
| Operator:<br><br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br><br>16696  |
|  | Action Number:<br><br>540253                               |
|  | Action Type:<br><br>[C-129] Venting and/or Flaring (C-129) |

**QUESTIONS**

|  |                                   |
|--|-----------------------------------|
| <b>Prerequisites</b><br><br>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  | Unavailable.                      |
| Incident Facility  | [FAPP2226965761] Lost Tank 18 CPF |

|   |   |
|---|---|
| <b>Determination of Reporting Requirements</b><br><br>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.   |   |
| Was this vent or flare caused by an emergency or malfunction  | Yes   |
| Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event  | No  |
| Is this considered a submission for a vent or flare event   | Yes, minor venting and/or flaring of natural gas. |
| <i>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.</i>  |   |
| 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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence   | No  |

|   |  |
|---|--|
| <b>Equipment Involved</b>                                 |  |
| Primary Equipment Involved                                | Other (Specify)  |
| Additional details for Equipment Involved. Please specify | Emergency Flare > Third Party Downstream Activity > Enterprise > Orla Plant > Operational Issues |

|  |               |
|--|---------------|
| <b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>   |               |
| <i>Please provide the mole percent for the percentage questions in this group.</i>   |               |
| Methane (CH4) percentage   | 71            |
| Nitrogen (N2) percentage, if greater than one percent  | 2             |
| 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             |
| <i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i> |               |
| 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. |

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

QUESTIONS, Page 2

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

Action 540253

**QUESTIONS (continued)**

|  |  |
|--|--|
| Operator:<br><br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br><br>16696  |
|  | Action Number:<br><br>540253                               |
|  | Action Type:<br><br>[C-129] Venting and/or Flaring (C-129) |
|  |  |

**QUESTIONS**

| <b>Date(s) and Time(s)</b>                     |            |
|--|------------|
| Date vent or flare was discovered or commenced | 12/19/2025 |
| Time vent or flare was discovered or commenced | 03:50 AM   |
| Time vent or flare was terminated              | 04:15 AM   |
| Cumulative hours during this event             | 0          |

| <b>Measured or Estimated Volume of Vented or Flared Natural Gas</b>       |   |
|---|---|
| Natural Gas Vented (Mcf) Details  | <i>Not answered.</i>  |
| Natural Gas Flared (Mcf) Details  | Cause: Other   Other (Specify)   Natural Gas Flared   Released: 71 Mcf   Recovered: 0 Mcf   Lost: 71 Mcf. |
| Other Released Details  | <i>Not answered.</i>  |
| Additional details for Measured or Estimated Volume(s). Please specify    | Gas Flare Meter   |
| 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.                                |

| <b>Venting or Flaring Resulting from Downstream Activity</b>      |  |
|---|--|
| Was this vent or flare a result of downstream activity            | Yes                                    |
| Was notification of downstream activity received by this operator | No                                     |
| Downstream OGRID that should have notified this operator          | [713731] Enterprise Crude Pipeline LLC |
| Date notified of downstream activity requiring this vent or flare | <i>Not answered.</i>                   |
| Time notified of downstream activity requiring this vent or flare | <i>Not answered.</i>                   |

| <b>Steps and Actions to Prevent Waste</b>  |  |
|--|--|
| 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  | The emissions event was caused by the unforeseen, unexpected, sudden, and unavoidable interruption, restriction or complete shut-in of a gas pipeline by a third-party pipeline compressor station operator, which impacted Oxy's ability to send gas to them. This interruption, restriction or complete shut-in of the gas pipeline by a third-party pipeline compression station operator is downstream of Oxy's custody transfer point and out of Oxy's control to foresee, avoid or prevent from happening and did not stem from any of Oxy's upstream facility activity that could have been foreseen and avoided, and could not have been avoided by good design, operation, and preventative maintenance practices. In this case, flaring occurred due to an unexpected emergency shutdown, which resulted in an unannounced stoppage of sales gas flow intake from OXY by Enterprise operations. This emergency shutdown originated from Enterprise, a third-party downstream offloading operator, who was experiencing operational difficulties at their Orla Plant. While Oxy made efforts to maintain open communication with Enterprise personnel, there was no prior discussion regarding the sales gas intake stoppage or the emergency shutdown on Enterprise's side until after their emergency shutdown had taken place. This lack of communication significantly hindered Oxy's ability and capacity to prevent flaring from occurring. Oxy's field and operations teams diligently oversee the facility to swiftly identify any deviations from standard operational parameters. Nevertheless, Enterprise did not provide any advance warning to the personnel at Oxy regarding possible interruptions in sales gas flow intake or operational matters that might impact OXY's facilities. |

|   |   |
|---|---|
| Steps taken to limit the duration and magnitude of vent or flare                  | <p>It is OXY's policy to route its stranded gas to a flare during an unforeseen and unavoidable emergency or malfunction, that is beyond Oxy's control to avoid, prevent or foresee, to minimize emissions as much as possible as part of the overall steps taken to limit duration and magnitude of flaring. The flare at this facility has a 98% combustion efficiency to lessen emissions as much as possible. In this case, flaring occurred due to an unexpected emergency shutdown, which resulted in an unannounced stoppage of sales gas flow intake from OXY by Enterprise operations. This emergency shutdown originated from Enterprise, a third-party downstream offloading operator, who was experiencing operational difficulties at their Orla Plant. While Oxy made efforts to maintain open communication with Enterprise personnel, there was no prior discussion regarding the sales gas intake stoppage or the emergency shutdown on Enterprise's side until after their emergency shutdown had taken place. This lack of communication significantly hindered Oxy's ability and capacity to prevent flaring from occurring. Oxy's field and operations teams diligently oversee the facility to swiftly identify any deviations from standard operational parameters. Nevertheless, Enterprise did not provide any advance warning to the personnel at Oxy regarding possible interruptions in sales gas flow intake or operational matters that might impact OXY's facilities. If Enterprise had provided prior notification to Oxy personnel, field and operation personnel would have adjusted and balanced the wells to reduce the amount of gas being sent to the facility and to sales, which in turn would have mitigated the chances of a flaring event occurring. Although flaring is not OXY's preferred method for handling excess gas, it is necessary to ensure the safety of our operations, equipment, and field personnel. Once flaring was triggered,</p> |
| Corrective actions taken to eliminate the cause and reoccurrence of vent or flare | <p>Oxy is not in a position to implement corrective measures to address the root cause and prevent future incidents of a gas flow restriction, shut-in or suspension in the Enterprise offload sales gas pipeline, since this matter is beyond Oxy's custody transfer point and outside of Oxy's capacity to correct or keep from happening again. When Enterprise and its operations encounter operational or equipment issues or have difficulty managing the sales gas transmission flow volume from Oxy inefficiently, Enterprise then restricts Oxy's ability to proceed with its sales gas transmission. Oxy is committed to minimizing emissions as much as possible and aims to maintain open communication with its downstream and midstream operators, when feasible, to handle such events effectively.</p>  |

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 540253

**ACKNOWLEDGMENTS**

|  |  |
|--|--|
| Operator:<br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>16696  |
|  | Action Number:<br>540253                               |
|  | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**ACKNOWLEDGMENTS**

|                                     |   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a <b>complete C-129</b> submission per 19.15.27.8 and 19.15.28.8 NMAC.  |
| <input checked="" type="checkbox"/> | 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. |
| <input checked="" type="checkbox"/> | 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.  |
| <input checked="" type="checkbox"/> | 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.                       |
| <input checked="" type="checkbox"/> | 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.  |

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 540253

**CONDITIONS**

|  |  |
|--|--|
| Operator:<br><br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>16696  |
|  | Action Number:<br>540253                               |
|  | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**CONDITIONS**

| Created By | Condition  | Condition Date |
|------------|--|----------------|
| marialuna2 | 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. | 1/5/2026       |