

June 22, 2023

**FESCO, Ltd.**  
**1100 Fesco Ave. - Alice, Texas 78332**

**For:** Santo Petroleum, LLC  
P. O. Box 1020  
Artesia, New Mexico 88210

**Sample:** Barney 404H  
3 Phase Separator  
Spot Gas Sample @ 100 psig & 112 °F

Date Sampled: 05/31/2023

Job Number: 232360.001

**CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286**

| COMPONENT           | MOL%         | GPM          |
|---------------------|--------------|--------------|
| Hydrogen Sulfide*   | < 0.001      |              |
| Nitrogen            | 0.769        |              |
| Carbon Dioxide      | 0.105        |              |
| Methane             | 69.479       |              |
| Ethane              | 14.823       | 4.063        |
| Propane             | 8.348        | 2.357        |
| Isobutane           | 1.151        | 0.386        |
| n-Butane            | 2.781        | 0.899        |
| 2-2 Dimethylpropane | 0.020        | 0.008        |
| Isopentane          | 0.641        | 0.240        |
| n-Pentane           | 0.714        | 0.265        |
| Hexanes             | 0.457        | 0.193        |
| Heptanes Plus       | <u>0.712</u> | <u>0.304</u> |
| Totals              | 100.000      | 8.715        |

**Computed Real Characteristics Of Heptanes Plus:**

Specific Gravity ----- 3.424 (Air=1)  
Molecular Weight ----- 98.67  
Gross Heating Value ----- 5331 BTU/CF

**Computed Real Characteristics Of Total Sample:**

Specific Gravity ----- 0.830 (Air=1)  
Compressibility (Z) ----- 0.9950  
Molecular Weight ----- 23.92  
Gross Heating Value  
Dry Basis ----- 1455 BTU/CF  
Saturated Basis ----- 1430 BTU/CF

\*Hydrogen Sulfide tested on location by: Stain Tube Method (GPA 2377)  
Results: <0.013 Gr/100 CF, <0.2 PPMV or <0.001 Mol %

Base Conditions: 15.025 PSI & 60 Deg F

Sampled By: (14) D. Turner  
Analyst: JS  
Processor: DS  
Cylinder ID: T-2279

Certified: FESCO, Ltd. - Alice, Texas

Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 232360.001

**CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286  
TOTAL REPORT**

| COMPONENT              | MOL %        | GPM          | WT %         |
|------------------------|--------------|--------------|--------------|
| Hydrogen Sulfide*      | < 0.001      |              | < 0.001      |
| Nitrogen               | 0.769        |              | 0.901        |
| Carbon Dioxide         | 0.105        |              | 0.193        |
| Methane                | 69.479       |              | 46.597       |
| Ethane                 | 14.823       | 4.063        | 18.634       |
| Propane                | 8.348        | 2.357        | 15.390       |
| Isobutane              | 1.151        | 0.386        | 2.797        |
| n-Butane               | 2.781        | 0.899        | 6.758        |
| 2,2 Dimethylpropane    | 0.020        | 0.008        | 0.060        |
| Isopentane             | 0.641        | 0.240        | 1.933        |
| n-Pentane              | 0.714        | 0.265        | 2.154        |
| 2,2 Dimethylbutane     | 0.007        | 0.003        | 0.025        |
| Cyclopentane           | 0.000        | 0.000        | 0.000        |
| 2,3 Dimethylbutane     | 0.047        | 0.020        | 0.169        |
| 2 Methylpentane        | 0.139        | 0.059        | 0.501        |
| 3 Methylpentane        | 0.076        | 0.032        | 0.274        |
| n-Hexane               | 0.188        | 0.079        | 0.677        |
| Methylcyclopentane     | 0.093        | 0.034        | 0.327        |
| Benzene                | 0.017        | 0.005        | 0.056        |
| Cyclohexane            | 0.108        | 0.038        | 0.380        |
| 2-Methylhexane         | 0.026        | 0.012        | 0.109        |
| 3-Methylhexane         | 0.029        | 0.014        | 0.121        |
| 2,2,4 Trimethylpentane | 0.019        | 0.010        | 0.091        |
| Other C7's             | 0.061        | 0.027        | 0.253        |
| n-Heptane              | 0.064        | 0.030        | 0.268        |
| Methylcyclohexane      | 0.100        | 0.041        | 0.410        |
| Toluene                | 0.023        | 0.008        | 0.089        |
| Other C8's             | 0.091        | 0.043        | 0.419        |
| n-Octane               | 0.019        | 0.010        | 0.091        |
| Ethylbenzene           | 0.001        | 0.000        | 0.004        |
| M & P Xylenes          | 0.010        | 0.004        | 0.044        |
| O-Xylene               | 0.002        | 0.001        | 0.009        |
| Other C9's             | 0.035        | 0.018        | 0.185        |
| n-Nonane               | 0.005        | 0.003        | 0.027        |
| Other C10's            | 0.007        | 0.004        | 0.041        |
| n-Decane               | 0.001        | 0.001        | 0.006        |
| Undecanes (11)         | <u>0.001</u> | <u>0.001</u> | <u>0.007</u> |
| Totals                 | 100.000      | 8.715        | 100.000      |

Computed Real Characteristics of Total Sample

|                           |        |         |
|---------------------------|--------|---------|
| Specific Gravity -----    | 0.830  | (Air=1) |
| Compressibility (Z) ----- | 0.9950 |         |
| Molecular Weight -----    | 23.92  |         |
| Gross Heating Value       |        |         |
| Dry Basis -----           | 1455   | BTU/CF  |
| Saturated Basis -----     | 1430   | BTU/CF  |

June 22, 2023

**FESCO, Ltd.**  
**1100 Fesco Ave. - Alice, Texas 78332**

**Sample:** Barney 404H  
 3 Phase Separator  
 Spot Gas Sample @ 100 psig & 112 °F

Date Sampled: 05/31/2023

Job Number: 232360.001

**GLYCALC FORMAT**

| COMPONENT              | MOL%         | GPM          | Wt %         |
|------------------------|--------------|--------------|--------------|
| Carbon Dioxide         | 0.105        |              | 0.193        |
| Hydrogen Sulfide       | < 0.001      |              | < 0.001      |
| Nitrogen               | 0.769        |              | 0.901        |
| Methane                | 69.479       |              | 46.597       |
| Ethane                 | 14.823       | 4.063        | 18.634       |
| Propane                | 8.348        | 2.357        | 15.390       |
| Isobutane              | 1.151        | 0.386        | 2.797        |
| n-Butane               | 2.801        | 0.906        | 6.818        |
| Isopentane             | 0.641        | 0.240        | 1.933        |
| n-Pentane              | 0.714        | 0.265        | 2.154        |
| Cyclopentane           | 0.000        | 0.000        | 0.000        |
| n-Hexane               | 0.188        | 0.079        | 0.677        |
| Cyclohexane            | 0.108        | 0.038        | 0.380        |
| Other C6's             | 0.269        | 0.114        | 0.969        |
| Heptanes               | 0.273        | 0.117        | 1.078        |
| Methylcyclohexane      | 0.100        | 0.041        | 0.410        |
| 2,2,4 Trimethylpentane | 0.019        | 0.010        | 0.091        |
| Benzene                | 0.017        | 0.005        | 0.056        |
| Toluene                | 0.023        | 0.008        | 0.089        |
| Ethylbenzene           | 0.001        | 0.000        | 0.004        |
| Xylenes                | 0.012        | 0.005        | 0.053        |
| Octanes Plus           | <u>0.159</u> | <u>0.080</u> | <u>0.776</u> |
| Totals                 | 100.000      | 8.715        | 100.000      |

**Real Characteristics Of Octanes Plus:**

Specific Gravity ----- 4.047 (Air=1)  
 Molecular Weight ----- 116.65  
 Gross Heating Value ----- 6109 BTU/CF

**Real Characteristics Of Total Sample:**

Specific Gravity ----- 0.830 (Air=1)  
 Compressibility (Z) ----- 0.9950  
 Molecular Weight ----- 23.92  
 Gross Heating Value  
 Dry Basis ----- 1455 BTU/CF  
 Saturated Basis ----- 1430 BTU/CF

June 26, 2023

FESCO, Ltd.  
1100 FESCO Avenue - Alice, Texas 78332

For: Santo Petroleum, LLC  
P. O. Box 1020  
Artesia, New Mexico 88210

Sample: Barney 404H  
3 Phase Separator Hydrocarbon Liquid  
Sampled @ 100 psig & 112 °F

Date Sampled: 05/31/2023

Job Number: 232360.002

**CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2186-M**

| COMPONENT           | MOL %         | LIQ VOL %     | WT %          |
|---------------------|---------------|---------------|---------------|
| Nitrogen            | 0.038         | 0.007         | 0.007         |
| Carbon Dioxide      | 0.014         | 0.004         | 0.004         |
| Methane             | 2.588         | 0.738         | 0.286         |
| Ethane              | 2.907         | 1.309         | 0.603         |
| Propane             | 5.092         | 2.362         | 1.549         |
| Isobutane           | 1.527         | 0.841         | 0.612         |
| n-Butane            | 5.180         | 2.750         | 2.077         |
| 2,2 Dimethylpropane | 0.090         | 0.058         | 0.045         |
| Isopentane          | 2.791         | 1.719         | 1.389         |
| n-Pentane           | 4.024         | 2.456         | 2.003         |
| 2,2 Dimethylbutane  | 0.070         | 0.049         | 0.041         |
| Cyclopentane        | 0.000         | 0.000         | 0.000         |
| 2,3 Dimethylbutane  | 0.589         | 0.407         | 0.350         |
| 2 Methylpentane     | 1.805         | 1.261         | 1.073         |
| 3 Methylpentane     | 1.077         | 0.740         | 0.640         |
| n-Hexane            | 3.327         | 2.304         | 1.978         |
| Heptanes Plus       | <u>68.881</u> | <u>82.993</u> | <u>87.340</u> |
| Totals:             | 100.000       | 100.000       | 100.000       |

**Characteristics of Heptanes Plus:**

|                        |                  |
|------------------------|------------------|
| Specific Gravity ----- | 0.8139 (Water=1) |
| °API Gravity -----     | 42.35 @ 60°F     |
| Molecular Weight ----- | 183.8            |
| Vapor Volume -----     | 13.70 CF/Gal     |
| Weight -----           | 6.78 Lbs/Gal     |

**Characteristics of Total Sample:**

|                        |                  |
|------------------------|------------------|
| Specific Gravity ----- | 0.7734 (Water=1) |
| °API Gravity -----     | 51.46 @ 60°F     |
| Molecular Weight ----- | 144.9            |
| Vapor Volume -----     | 16.51 CF/Gal     |
| Weight -----           | 6.44 Lbs/Gal     |

Base Conditions: 15.025 PSI &amp; 60 °F

Certified: FESCO, Ltd. - Alice, Texas

Sampled By: (14) D. Turner  
Analyst: JL  
Processor: ANBdjv  
Cylinder ID: W-0449

Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 232360.002

## TANKS DATA INPUT REPORT - GPA 2186-M

| COMPONENT              | Mol %   | LiqVol % | Wt %    |
|------------------------|---------|----------|---------|
| Carbon Dioxide         | 0.014   | 0.004    | 0.004   |
| Nitrogen               | 0.038   | 0.007    | 0.007   |
| Methane                | 2.588   | 0.738    | 0.286   |
| Ethane                 | 2.907   | 1.309    | 0.603   |
| Propane                | 5.092   | 2.362    | 1.549   |
| Isobutane              | 1.527   | 0.841    | 0.612   |
| n-Butane               | 5.270   | 2.808    | 2.122   |
| Isopentane             | 2.791   | 1.719    | 1.389   |
| n-Pentane              | 4.024   | 2.456    | 2.003   |
| Other C-6's            | 3.541   | 2.457    | 2.105   |
| Heptanes               | 8.759   | 6.053    | 5.639   |
| Octanes                | 11.486  | 8.834    | 8.457   |
| Nonanes                | 5.695   | 5.173    | 4.979   |
| Decanes Plus           | 39.253  | 60.508   | 65.658  |
| Benzene                | 0.246   | 0.116    | 0.132   |
| Toluene                | 0.849   | 0.479    | 0.539   |
| E-Benzene              | 0.455   | 0.295    | 0.333   |
| Xylenes                | 1.500   | 0.976    | 1.099   |
| n-Hexane               | 3.327   | 2.304    | 1.978   |
| 2,2,4 Trimethylpentane | 0.638   | 0.559    | 0.503   |
| Totals:                | 100.000 | 100.000  | 100.000 |

## Characteristics of Total Sample:

|                        |        |           |
|------------------------|--------|-----------|
| Specific Gravity ----- | 0.7734 | (Water=1) |
| °API Gravity -----     | 51.46  | @ 60°F    |
| Molecular Weight-----  | 144.9  |           |
| Vapor Volume -----     | 16.51  | CF/Gal    |
| Weight -----           | 6.44   | Lbs/Gal   |

## Characteristics of Decanes (C10) Plus:

|                        |        |           |
|------------------------|--------|-----------|
| Specific Gravity ----- | 0.8392 | (Water=1) |
| Molecular Weight-----  | 242.4  |           |

## Characteristics of Atmospheric Sample:

|                                              |       |        |
|----------------------------------------------|-------|--------|
| °API Gravity -----                           | 47.53 | @ 60°F |
| Reid Vapor Pressure Equivalent (D-6377)----- | 9.63  | psi    |

| QUALITY CONTROL CHECK |                        |              |
|-----------------------|------------------------|--------------|
|                       | Sampling<br>Conditions | Test Samples |
| Cylinder Number       | -----                  | W-0449 ----- |
| Pressure, PSIG        | 100                    | 100 -----    |
| Skin Temperature, °F  | 112                    | 112 -----    |

\* Sample used for analysis

FESCO, Ltd.

Job Number: 232360.002

## TOTAL EXTENDED REPORT - GPA 2186-M

| COMPONENT                 | Mol %        | LiqVol %      | Wt %          |
|---------------------------|--------------|---------------|---------------|
| Nitrogen                  | 0.038        | 0.007         | 0.007         |
| Carbon Dioxide            | 0.014        | 0.004         | 0.004         |
| Methane                   | 2.588        | 0.738         | 0.286         |
| Ethane                    | 2.907        | 1.309         | 0.603         |
| Propane                   | 5.092        | 2.362         | 1.549         |
| Isobutane                 | 1.527        | 0.841         | 0.612         |
| n-Butane                  | 5.180        | 2.750         | 2.077         |
| 2,2 Dimethylpropane       | 0.090        | 0.058         | 0.045         |
| Isopentane                | 2.791        | 1.719         | 1.389         |
| n-Pentane                 | 4.024        | 2.456         | 2.003         |
| 2,2 Dimethylbutane        | 0.070        | 0.049         | 0.041         |
| Cyclopentane              | 0.000        | 0.000         | 0.000         |
| 2,3 Dimethylbutane        | 0.589        | 0.407         | 0.350         |
| 2 Methylpentane           | 1.805        | 1.261         | 1.073         |
| 3 Methylpentane           | 1.077        | 0.740         | 0.640         |
| n-Hexane                  | 3.327        | 2.304         | 1.978         |
| Methylcyclopentane        | 1.512        | 0.901         | 0.878         |
| Benzene                   | 0.246        | 0.116         | 0.132         |
| Cyclohexane               | 2.181        | 1.250         | 1.267         |
| 2-Methylhexane            | 0.867        | 0.679         | 0.599         |
| 3-Methylhexane            | 0.840        | 0.649         | 0.581         |
| 2,2,4 Trimethylpentane    | 0.638        | 0.559         | 0.503         |
| Other C-7's               | 1.134        | 0.845         | 0.776         |
| n-Heptane                 | 2.225        | 1.728         | 1.538         |
| Methylcyclohexane         | 3.988        | 2.700         | 2.702         |
| Toluene                   | 0.849        | 0.479         | 0.539         |
| Other C-8's               | 5.535        | 4.442         | 4.209         |
| n-Octane                  | 1.962        | 1.693         | 1.546         |
| E-Benzene                 | 0.455        | 0.295         | 0.333         |
| M & P Xylenes             | 1.184        | 0.773         | 0.867         |
| O-Xylene                  | 0.317        | 0.203         | 0.232         |
| Other C-9's               | 4.354        | 3.903         | 3.793         |
| n-Nonane                  | 1.341        | 1.271         | 1.187         |
| Other C-10's              | 4.680        | 4.610         | 4.562         |
| n-decane                  | 1.037        | 1.072         | 1.018         |
| Undecanes(11)             | 4.484        | 4.532         | 4.548         |
| Dodecanes(12)             | 3.370        | 3.679         | 3.744         |
| Tridecanes(13)            | 3.368        | 3.942         | 4.066         |
| Tetradecanes(14)          | 2.832        | 3.551         | 3.713         |
| Pentadecanes(15)          | 2.408        | 3.235         | 3.423         |
| Hexadecanes(16)           | 1.859        | 2.668         | 2.848         |
| Heptadecanes(17)          | 1.694        | 2.571         | 2.770         |
| Octadecanes(18)           | 1.576        | 2.518         | 2.729         |
| Nonadecanes(19)           | 1.393        | 2.319         | 2.527         |
| Eicosanes(20)             | 1.086        | 1.879         | 2.061         |
| Heneicosanes(21)          | 0.935        | 1.702         | 1.877         |
| Docosanes(22)             | 0.802        | 1.523         | 1.689         |
| Tricosanes(23)            | 0.724        | 1.425         | 1.589         |
| Tetracosanes(24)          | 0.613        | 1.249         | 1.400         |
| Pentacosanes(25)          | 0.548        | 1.158         | 1.303         |
| Hexacosanes(26)           | 0.487        | 1.067         | 1.206         |
| Heptacosanes(27)          | 0.458        | 1.040         | 1.182         |
| Octacosanes(28)           | 0.383        | 0.900         | 1.026         |
| Nonacosanes(29)           | 0.338        | 0.821         | 0.939         |
| Triacontanes(30)          | 0.291        | 0.728         | 0.836         |
| Hentriacontanes Plus(31+) | <u>3.884</u> | <u>12.318</u> | <u>14.605</u> |
| Total                     | 100.000      | 100.000       | 100.000       |

Page 3 of 3

**\*Preliminary Production Data\***

| <u>Well Name</u> | <u>Production Date</u> | <u>Gas Flare</u> |
|------------------|------------------------|------------------|
| BARNEY CTB       | 3/2/2024               | 964 mcf          |

**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**

DEFINITIONS

Action 321595

DEFINITIONS

|                                                                                       |                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Operator:<br>SPC RESOURCES, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br>372262                                              |
|                                                                                       | Action Number:<br>321595                                      |
|                                                                                       | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

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: <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



**District I**  
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Phone:(575) 748-1283 Fax:(575) 748-9720

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Phone:(505) 334-6178 Fax:(505) 334-6170

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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 321595

QUESTIONS

|                                                                                       |                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Operator:<br>SPC RESOURCES, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br>372262                                              |
|                                                                                       | Action Number:<br>321595                                      |
|                                                                                       | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

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 ID (n#)  | Unavailable.                |
| Incident Name     | Unavailable.                |
| Incident Type     | Flare                       |
| Incident Status   | Unavailable.                |
| Incident Facility | [fAPP2130655643] Barney CTB |

Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.

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 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 period from a single event | Yes                                               |
| Is this considered a submission for a vent or flare 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 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                                | 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                                     | 69 |
| Nitrogen (N2) percentage, if greater than one percent        | 1  |
| Hydrogen Sulfide (H2S) PPM, rounded up                       | 0  |
| Carbon Dioxide (C02) percentage, if greater than one percent | 0  |
| Oxygen (02) 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 Sufide (H2S) PPM quality requirement       | Not answered. |
| Carbon Dioxide (C02) percentage quality requirement | Not answered. |
| Oxygen (02) percentage quality requirement          | Not answered. |



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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 321595

QUESTIONS (continued)

|                                                                                       |                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Operator:<br>SPC RESOURCES, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br>372262                                              |
|                                                                                       | Action Number:<br>321595                                      |
|                                                                                       | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

QUESTIONS

| Date(s) and Time(s)                            |            |
|------------------------------------------------|------------|
| Date vent or flare was discovered or commenced | 03/02/2024 |
| Time vent or flare was discovered or commenced | 12:00 AM   |
| Time vent or flare was terminated              | 11:59 PM   |
| Cumulative hours 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: Equipment Failure   Pipeline (Any)   Natural Gas Flared   Released: 964 Mcf   Recovered: 0 Mcf   Lost: 964 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 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. |

| 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                                                     | Sales compressor issues                                                                  |
| Steps taken to limit the duration and magnitude of vent or flare                                                                | Open valves to divert gas to a second midstream company to relive pressure off the line. |
| Corrective actions taken to eliminate the cause and reoccurrence of vent or flare                                               | Clear consistent communication with midstream provider.                                  |



**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**

ACKNOWLEDGMENTS  
  
Action 321595

ACKNOWLEDGMENTS

|                                                                                       |                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Operator:<br>SPC RESOURCES, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br>372262                                              |
|                                                                                       | Action Number:<br>321595                                      |
|                                                                                       | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

ACKNOWLEDGMENTS

|                                     |                                                                                                                                                                                                                                                                                                     |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.                                                                                                                |
| <input checked="" type="checkbox"/> | I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.                                                                                 |
| <input checked="" type="checkbox"/> | I hereby certify the statements in this amending 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.                                                                                                    |

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CONDITIONS  
  
Action 321595

CONDITIONS

|                                                                                       |                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------|
| Operator:<br>SPC RESOURCES, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br>372262                                              |
|                                                                                       | Action Number:<br>321595                                      |
|                                                                                       | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

CONDITIONS

| Created By  | Condition                                                                                                                                                                                  | Condition Date |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| chasketteag | If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event. | 3/8/2024       |