

FESCO, Ltd.
105 Medical Dr. - Ozona, Texas 76943

For: Stone Creek Operating LLC aka, SCO Permian, LLC
5728 NW 132nd
Oklahoma City, Oklahoma 73142

Sample: Goodwin 30 State No. 1 30-025-49193
Wellhead Spot Gas Sample at 701 psig & 56 °F

Date Sampled: 10/05/2021 at 08:30

Job Number: 210536.101

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

| COMPONENT | MOL% | GPM |
|---------------------|---------|-------|
| Hydrogen Sulfide* | 2.000 | |
| Nitrogen | 2.121 | |
| Carbon Dioxide | 7.925 | |
| Methane | 66.124 | |
| Ethane | 11.964 | 3.194 |
| Propane | 6.462 | 1.777 |
| Isobutane | 0.947 | 0.309 |
| n-Butane | 1.658 | 0.522 |
| 2-2 Dimethylpropane | 0.002 | 0.001 |
| Isopentane | 0.334 | 0.122 |
| n-Pentane | 0.201 | 0.073 |
| Hexanes | 0.075 | 0.031 |
| Heptanes Plus | 0.187 | 0.084 |
| Totals | 100.000 | 6.114 |

Computed Real Characteristics Of Heptanes Plus:

Specific Gravity ----- 3.821 (Air=1)
Molecular Weight ----- 110.22
Gross Heating Value ----- 5728 BTU/CF

Computed Real Characteristics Of Total Sample:


Specific Gravity ----- 0.832 (Air=1)
Compressibility (Z) ----- 0.9959
Molecular Weight ----- 23.99
Gross Heating Value
Dry Basis ----- 1177 BTU/CF
Saturated Basis ----- 1157 BTU/CF

*Hydrogen Sulfide tested on location by: Stain Tube Method (GPA 2377)
1258 Gr/100 CF, 20000 PPMV or 2.000 Mol %

Base Conditions: 14.650 PSI & 60 Deg F

Sampled By: (24) Field
Analyst: BMc
Processor: BMc
Cylinder ID: T-4013

Certified: FESCO, Ltd. - Ozona, Texas


Tom Anderson 325-392-3773

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286
TOTAL REPORT

| COMPONENT | MOL % | GPM | WT % |
|------------------------|--------------|--------------|--------------|
| Hydrogen Sulfide* | 2.000 | | 2.841 |
| Nitrogen | 2.121 | | 2.477 |
| Carbon Dioxide | 7.925 | | 14.538 |
| Methane | 66.124 | | 44.219 |
| Ethane | 11.964 | 3.194 | 14.995 |
| Propane | 6.462 | 1.777 | 11.877 |
| Isobutane | 0.947 | 0.309 | 2.294 |
| n-Butane | 1.658 | 0.522 | 4.017 |
| 2,2 Dimethylpropane | 0.002 | 0.001 | 0.006 |
| Isopentane | 0.334 | 0.122 | 1.004 |
| n-Pentane | 0.201 | 0.073 | 0.604 |
| 2,2 Dimethylbutane | 0.002 | 0.001 | 0.007 |
| Cyclopentane | 0.000 | 0.000 | 0.000 |
| 2,3 Dimethylbutane | 0.012 | 0.005 | 0.043 |
| 2 Methylpentane | 0.026 | 0.011 | 0.093 |
| 3 Methylpentane | 0.015 | 0.006 | 0.054 |
| n-Hexane | 0.020 | 0.008 | 0.072 |
| Methylcyclopentane | 0.013 | 0.004 | 0.046 |
| Benzene | 0.010 | 0.003 | 0.033 |
| Cyclohexane | 0.010 | 0.003 | 0.035 |
| 2-Methylhexane | 0.003 | 0.001 | 0.013 |
| 3-Methylhexane | 0.004 | 0.002 | 0.017 |
| 2,2,4 Trimethylpentane | 0.000 | 0.000 | 0.000 |
| Other C7's | 0.013 | 0.006 | 0.054 |
| n-Heptane | 0.007 | 0.003 | 0.029 |
| Methylcyclohexane | 0.011 | 0.004 | 0.045 |
| Toluene | 0.016 | 0.005 | 0.061 |
| Other C8's | 0.021 | 0.010 | 0.096 |
| n-Octane | 0.007 | 0.004 | 0.033 |
| Ethylbenzene | 0.007 | 0.003 | 0.031 |
| M & P Xylenes | 0.005 | 0.002 | 0.022 |
| O-Xylene | 0.002 | 0.001 | 0.009 |
| Other C9's | 0.016 | 0.008 | 0.084 |
| n-Nonane | 0.005 | 0.003 | 0.027 |
| Other C10's | 0.018 | 0.010 | 0.106 |
| n-Decane | 0.004 | 0.002 | 0.024 |
| Undecanes (11) | <u>0.015</u> | <u>0.009</u> | <u>0.094</u> |
| Totals | 100.000 | 6.114 | 100.000 |

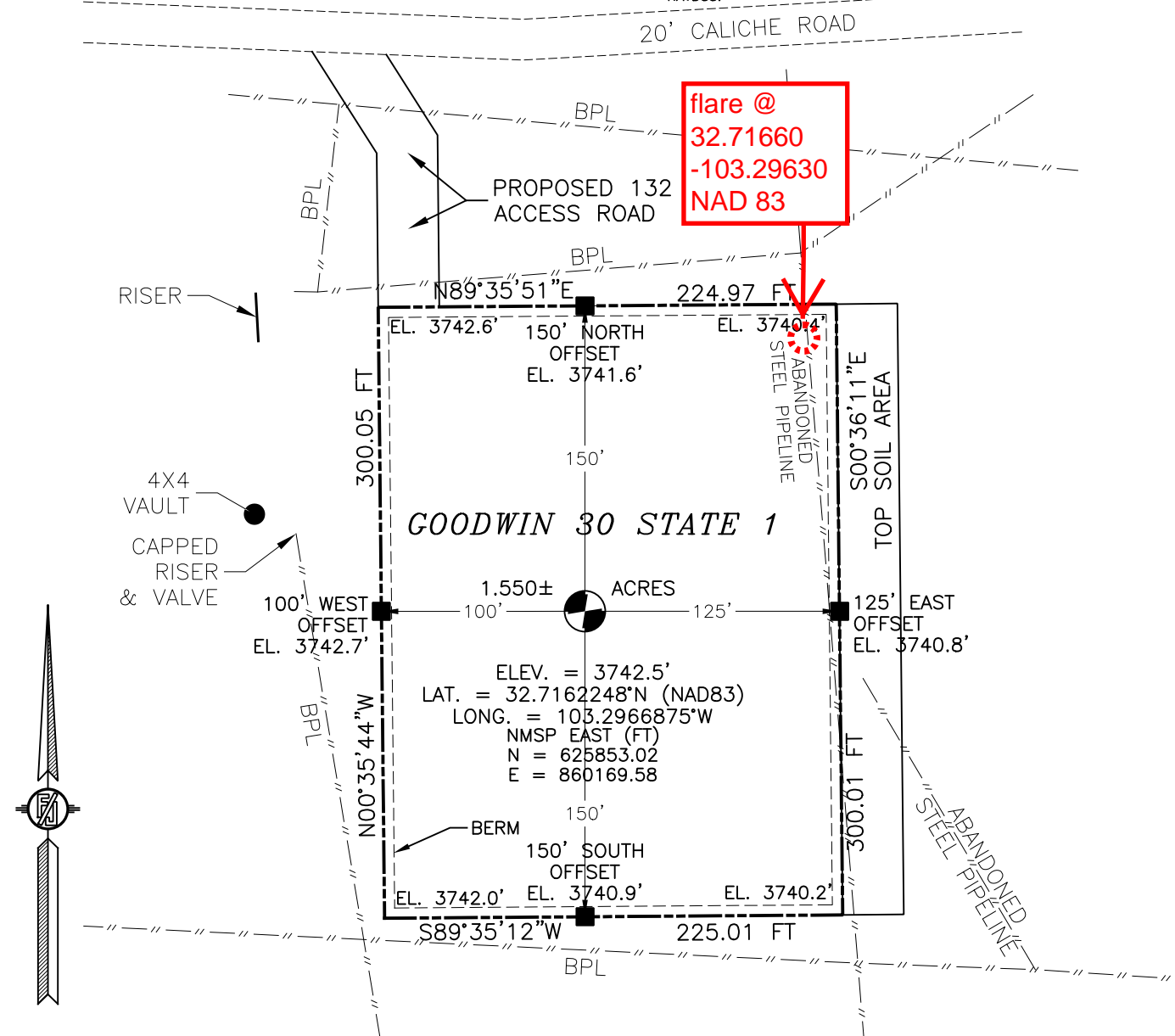
Computed Real Characteristics Of Total Sample:

| | | |
|---------------------------|--------|---------|
| Specific Gravity ----- | 0.832 | (Air=1) |
| Compressibility (Z) ----- | 0.9959 | |
| Molecular Weight ----- | 23.99 | |
| Gross Heating Value | | |
| Dry Basis ----- | 1177 | BTU/CF |
| Saturated Basis ----- | 1157 | BTU/CF |

| DATE | FLARED MCF IN 24 HRS | INCIDENTAL FLARE FLOW RATE MCFD |
|--------|----------------------|---------------------------------|
| 9-Nov | 1039 | 107 |
| 8-Nov | 977 | 1047 |
| 7-Nov | 973 | 951 |
| 6-Nov | 856 | 825 |
| 5-Nov | 887 | 871 |
| 4-Nov | 826 | 898 |
| 3-Nov | 516 | 653 |
| 2-Nov | 280 | 265 |
| 1-Nov | 294 | 308 |
| 31-Oct | 321 | 311 |
| 30-Oct | 319 | 320 |
| 29-Oct | 388 | 315 |
| 28-Oct | 1200 | |
| sum | 8876 | |

SECTION 30, TOWNSHIP 18 SOUTH, RANGE 37 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
SITE MAP

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD88.



SCO PERMIAN, LLC
GOODWIN 30 STATE 1

LOCATED 1745 FT. FROM THE SOUTH LINE
AND 780 FT. FROM THE WEST LINE OF
SECTION 30, TOWNSHIP 18 SOUTH,
RANGE 37 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JULY 1, 2021

SURVEY NO. 8914

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

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 61047

QUESTIONS

| | |
|--|--|
| Operator: SCO PERMIAN, LLC 5728 NW 132nd Street Oklahoma City, OK 73142 | OGRID: 330782 |
| | Action Number: 61047 |
| | Action Type: [C-129] Venting and/or Flaring (C-129) |

QUESTIONS

| | |
|---|--------------------------------------|
| Prerequisites | |
| <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i> | |
| Incident Well | [30-025-49193] GOODWIN 30 STATE #001 |
| Incident Facility | Not answered. |

| | |
|--|---|
| Determination of Reporting Requirements | |
| <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i> | |
| 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. |
| <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 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 | Separator |
| Additional details for Equipment Involved. Please specify | Heater-Treater was used |

| | |
|--|---------------|
| Representative Compositional Analysis of Vented or Flared Natural Gas | |
| <i>Please provide the mole percent for the percentage questions in this group.</i> | |
| Methane (CH4) percentage | 66 |
| Nitrogen (N2) percentage, if greater than one percent | 2 |
| Hydrogen Sulfide (H2S) PPM, rounded up | 2 |
| Carbon Dioxide (CO2) percentage, if greater than one percent | 8 |
| 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. |

| | |
|---|------------|
| Date(s) and Time(s) | |
| Date venting and/or flaring was discovered or commenced | 10/28/2021 |
| Time venting and/or flaring was discovered or commenced | 12:01 AM |
| Time venting and/or flaring was terminated | 11:59 PM |
| Cumulative hours during this event | 312 |

| | |
|---|---------------|
| Measured or Estimated Volume of Vented or Flared Natural Gas | |
| Natural Gas Vented (Mcf) Details | Not answered. |

| | |
|---|---|
| Natural Gas Flared (Mcf) Details | Cause: Separation Flowback Well Natural Gas Flared Released: 8,876 Mcf Recovered: 0 Mcf Lost: 8,876 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 or is this venting and/or flaring a result of downstream activity | No |
| Was notification of downstream activity received by you or your operator | No |
| 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. | False |
| Please explain reason for why this event was beyond your operator's control | Not answered. |
| Steps taken to limit the duration and magnitude of venting and/or flaring | Negotiating with TARGA on pipeline hook-up |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring | Will connect with TARGA |

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

CONDITIONS

Action 61047

CONDITIONS

| | |
|--|--|
| Operator: SCO PERMIAN, LLC 5728 NW 132nd Street Oklahoma City, OK 73142 | OGRID: 330782 |
| | Action Number: 61047 |
| | Action Type: [C-129] Venting and/or Flaring (C-129) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| bwood | 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. | 11/9/2021 |