July 18, 2022

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

For: US Energy Development Corp. 1521 N. Cooper Street, Suite 400 Arlington, Texas 76011

Sample: Texaco 14 Fed No. 1

Heater Treater

Spot Gas Sample @ 28 psig & 85 °F

Date Sampled: 07/14/2022 Job Number: 222565.001

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

| COMPONENT | MOL% | GPM |
|---------------------|--------------|-------|
| Hydrogen Sulfide* | 0.004 | |
| Nitrogen | 2.952 | |
| Carbon Dioxide | 2.085 | |
| Methane | 67.852 | |
| Ethane | 13.101 | 3.591 |
| Propane | 7.205 | 2.034 |
| Isobutane | 0.868 | 0.291 |
| n-Butane | 2.517 | 0.813 |
| 2-2 Dimethylpropane | 0.000 | 0.000 |
| Isopentane | 0.689 | 0.258 |
| n-Pentane | 0.784 | 0.291 |
| Hexanes | 0.604 | 0.255 |
| Heptanes Plus | <u>1.339</u> | 0.528 |
| Totals | 100.000 | 8.061 |

Computed Real Characteristics Of Heptanes Plus:

| Specific Gravity | 3.266 | (Air=1) |
|---------------------|-------|---------|
| Molecular Weight | 94.15 | |
| Gross Heating Value | 5003 | BTU/CF |

Computed Real Characteristics Of Total Sample:

| Specific Gravity | 0.852 | (Air=1) |
|---------------------|--------|---------|
| Compressibility (Z) | 0.9951 | |
| Molecular Weight | 24.56 | |
| Gross Heating Value | | |
| Dry Basis | 1399 | BTU/CF |
| Saturated Basis | 1376 | BTU/CF |
| | | |

^{*}Hydrogen Sulfide tested on location by: Stain Tube Method (GPA 2377)

Results: 2.264 Gr/100 CF, 36.0 PPMV or 0.004 Mol %

Base Conditions: 15.025 PSI & 60 Deg F

Sampled By: (24) D. Field Analyst: RG

Processor: AS Cylinder ID: T-4582 Certified: FESCO, Ltd. - Alice, Texas

Conan Pierce 361-661-7015

Page 1 of 3

FESCO, Ltd. Job Number: 222565.001

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286 TOTAL REPORT

| COMPONENT | MOL % | GPM | | WT % |
|------------------------|--------------|--------------|---------|---------|
| Hydrogen Sulfide* | 0.004 | | | 0.006 |
| Nitrogen | 2.952 | | | 3.367 |
| Carbon Dioxide | 2.085 | | | 3.736 |
| Methane | 67.852 | | | 44.323 |
| Ethane | 13.101 | 3.591 | | 16.040 |
| Propane | 7.205 | 2.034 | | 12.937 |
| Isobutane | 0.868 | 0.291 | | 2.054 |
| n-Butane | 2.517 | 0.813 | | 5.957 |
| 2,2 Dimethylpropane | 0.000 | 0.000 | | 0.000 |
| Isopentane | 0.689 | 0.258 | | 2.024 |
| n-Pentane | 0.784 | 0.291 | | 2.303 |
| 2,2 Dimethylbutane | 0.004 | 0.002 | | 0.014 |
| Cyclopentane | 0.000 | 0.000 | | 0.000 |
| 2,3 Dimethylbutane | 0.086 | 0.036 | | 0.302 |
| 2 Methylpentane | 0.178 | 0.076 | | 0.625 |
| 3 Methylpentane | 0.111 | 0.046 | | 0.389 |
| n-Hexane | 0.225 | 0.095 | | 0.790 |
| Methylcyclopentane | 0.162 | 0.059 | | 0.555 |
| Benzene | 0.196 | 0.056 | | 0.623 |
| Cyclohexane | 0.200 | 0.070 | | 0.685 |
| 2-Methylhexane | 0.030 | 0.014 | | 0.122 |
| 3-Methylhexane | 0.041 | 0.019 | | 0.167 |
| 2,2,4 Trimethylpentane | 0.000 | 0.000 | | 0.000 |
| Other C7's | 0.119 | 0.053 | | 0.481 |
| n-Heptane | 0.076 | 0.036 | | 0.310 |
| Methylcyclohexane | 0.133 | 0.055 | | 0.532 |
| Toluene | 0.146 | 0.050 | | 0.548 |
| Other C8's | 0.122 | 0.058 | | 0.548 |
| n-Octane | 0.022 | 0.012 | | 0.102 |
| Ethylbenzene | 0.002 | 0.001 | | 0.009 |
| M & P Xylenes | 0.015 | 0.006 | | 0.065 |
| O-Xylene | 0.004 | 0.002 | | 0.017 |
| Other C9's | 0.061 | 0.032 | | 0.314 |
| n-Nonane | 0.006 | 0.003 | | 0.031 |
| Other C10's | 0.001 | 0.001 | | 0.006 |
| n-Decane | 0.002 | 0.001 | | 0.012 |
| Undecanes (11) | <u>0.001</u> | <u>0.001</u> | | 0.006 |
| Totals | 100.000 | 8.061 | | 100.000 |
| Computed Real Charact | | | | |
| | | 0.852 | (Air=1) | |
| | | 0.9951 | | |
| • | | 24.56 | | |
| Gross Heating Value | | 1055 | 5711/05 | |
| | | 1399 | BTU/CF | |
| Saturated Basis | | 1376 | BTU/CF | |

Page 2 of 3

July 18, 2022

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

Sample: Texaco 14 Fed No. 1 Heater Treater

Spot Gas Sample @ 28 psig & 85 °F

Date Sampled: 07/14/2022 Job Number: 222565.001

GLYCALC FORMAT

| COMPONENT | MOL% | GPM | Wt % |
|------------------------|--------------|--------------|--------------|
| Carbon Dioxide | 2.085 | | 3.736 |
| Hydrogen Sulfide | 0.004 | | 0.006 |
| Nitrogen | 2.952 | | 3.367 |
| Methane | 67.852 | | 44.323 |
| Ethane | 13.101 | 3.591 | 16.040 |
| Propane | 7.205 | 2.034 | 12.937 |
| Isobutane | 0.868 | 0.291 | 2.054 |
| n-Butane | 2.517 | 0.813 | 5.957 |
| Isopentane | 0.689 | 0.258 | 2.024 |
| n-Pentane | 0.784 | 0.291 | 2.303 |
| Cyclopentane | 0.000 | 0.000 | 0.000 |
| n-Hexane | 0.225 | 0.095 | 0.790 |
| Cyclohexane | 0.200 | 0.070 | 0.685 |
| Other C6's | 0.379 | 0.160 | 1.330 |
| Heptanes | 0.428 | 0.181 | 1.635 |
| Methylcyclohexane | 0.133 | 0.055 | 0.532 |
| 2,2,4 Trimethylpentane | 0.000 | 0.000 | 0.000 |
| Benzene | 0.196 | 0.056 | 0.623 |
| Toluene | 0.146 | 0.050 | 0.548 |
| Ethylbenzene | 0.002 | 0.001 | 0.009 |
| Xylenes | 0.019 | 0.008 | 0.082 |
| Octanes Plus | <u>0.215</u> | <u>0.107</u> | <u>1.019</u> |
| Totals | 100.000 | 8.061 | 100.000 |

| Specific Gravity | 4.036 | (Air=1) |
|---------------------|--------|---------|
| Molecular Weight | 116.33 | |
| Gross Heating Value | 6086 | BTU/CF |

Real Characteristics Of Total Sample:

| Real Characteristics Of Total Sample: | | |
|---------------------------------------|--------|---------|
| Specific Gravity | 0.852 | (Air=1) |
| Compressibility (Z) | 0.9951 | |
| Molecular Weight | 24.56 | |
| Gross Heating Value | | |
| Dry Basis | 1399 | BTU/CF |
| Saturated Basis | 1376 | BTU/CF |
| | | |

Page 3 of 3

| | Gas | Oil | Water | | Hours |
|------------|------------|------------|------------|------------------|--------|
| Date | Production | Production | Production | Gas Flare | Flowed |
| 5/30/2024 | | | | | |
| 5/29/2024 | 34.6 | | | 32.3 | |
| 5/24/2024 | 35.3 | 13.36 | 3. | 31.9 | |
| 5/23/2024 | 33.8 | 30.06 | 2. | 33.8 | |
| 5/22/2024 | 33. | -1.99 | | 33. | |
| 5/21/2024 | 33.8 | | | 32.1 | |
| 5/20/2024 | 34.2 | | | 33.2 | |
| 12/14/2023 | 33.5 | 3.34 | 1. | | 6 |
| 5/16/2024 | 34.4 | 5.01 | 2. | 7.1 | 14 |
| 4/27/2024 | 35.6 | 3.34 | 1. | 5.8 | 21 |
| 5/28/2024 | 36.8 | 11.69 | 5. | 28.2 | 24 |
| 5/27/2024 | 34. | 11.69 | 2. | 25. | 24 |
| 5/26/2024 | 34.1 | 13.36 | 3. | 25.4 | 24 |
| 5/25/2024 | 32.5 | 15.03 | 2. | 31.8 | 24 |
| 5/19/2024 | 36. | 5.85 | 3. | 32.3 | 24 |
| 5/18/2024 | 33.2 | 6.68 | 15. | 10.1 | 24 |
| 5/17/2024 | 33.6 | | 6. | | 24 |
| 5/15/2024 | 33.3 | 16.7 | 5. | 12.9 | 24 |
| 5/14/2024 | 34.7 | 10.02 | 3. | 34.7 | 24 |
| 5/13/2024 | 34.2 | 10.02 | 3. | 34.2 | 24 |
| 5/12/2024 | 33.5 | 10.02 | 3. | 33.5 | 24 |
| 5/11/2024 | 33.9 | 8.35 | 2. | 33.9 | 24 |
| 5/10/2024 | 34.4 | 10.02 | 3. | 34.4 | 24 |
| 5/9/2024 | 34.7 | 10.02 | 3. | 34.7 | 24 |
| 5/8/2024 | 34.2 | 11.69 | 3. | 34.2 | 24 |
| 5/7/2024 | 34.7 | 11.69 | 6. | 34.7 | 24 |
| 5/6/2024 | 34.3 | 10.02 | 3. | 34.3 | 24 |
| 5/5/2024 | 33.7 | 11.69 | 3. | 33.7 | 24 |
| 5/4/2024 | 34.2 | 10.02 | 3. | 34.2 | 24 |
| 5/3/2024 | 34.6 | 18.37 | 3. | 34.6 | 24 |
| 5/2/2024 | 35.8 | 23.38 | 5. | 35.8 | 24 |
| 5/1/2024 | 42.5 | | 1. | 42.5 | 24 |
| 4/30/2024 | 28.9 | 5.01 | 1. | 28.9 | 24 |
| 4/29/2024 | 33.2 | 6.34 | 1. | 23.6 | 24 |
| 4/28/2024 | 36.1 | 11.69 | 3. | 1.8 | 24 |
| 4/26/2024 | 32.6 | 11.27 | 3. | 9.2 | 24 |
| 4/25/2024 | 33.7 | 15.03 | 5. | 33.7 | 24 |
| 4/24/2024 | 34.8 | 11.69 | 3. | 34.8 | 24 |
| 4/23/2024 | 34. | 11.69 | 3. | 34. | 24 |
| 4/22/2024 | 33.7 | 11.69 | 2. | 33.7 | 24 |
| 4/21/2024 | 32.9 | 8.35 | 2. | 32.9 | 24 |
| 4/20/2024 | 33.8 | 8.35 | 2. | 33.8 | 24 |
| 4/19/2024 | 34. | 10.02 | 3. | 34. | 24 |
| 4/18/2024 | 34.5 | 10.02 | 3. | 34.5 | 24 |
| 4/17/2024 | 34.3 | 11.69 | 3. | 34.3 | 24 |
| 4/16/2024 | 34.1 | 11.69 | 3. | 34.1 | 24 |
| | | | | | |

| 4/15/2024 | 34.6 | 13.36 | 3. | 34.6 | 24 |
|-----------|------|-------|-----|------|----|
| 4/14/2024 | 34.3 | 11.14 | 2. | 34.3 | 24 |
| 4/13/2024 | 34.3 | 9.19 | 2. | 34.3 | 24 |
| 4/12/2024 | 33.3 | 15.03 | 2. | 33.3 | 24 |
| 4/11/2024 | 33.1 | 11.69 | 2. | 33.1 | 24 |
| 4/10/2024 | 32.3 | | 13. | 32.3 | 24 |
| 4/9/2024 | 33.9 | 10.02 | 3. | 33.9 | 24 |
| 4/8/2024 | 33.9 | 11.69 | 3. | 33.9 | 24 |
| 4/7/2024 | 33.6 | 11.69 | 3. | 33.6 | 24 |
| 4/6/2024 | 34.2 | 10.02 | 2. | 34.2 | 24 |
| 4/5/2024 | 34.1 | 10.02 | 2. | 34.1 | 24 |
| 4/4/2024 | 33.9 | 10.02 | 3. | 33.9 | 24 |
| 4/3/2024 | 33.3 | 10.02 | 3. | 33.3 | 24 |
| 4/2/2024 | 33.3 | 11.69 | 3. | 33.3 | 24 |
| 4/1/2024 | 33.9 | 11.69 | 5. | 33.9 | 24 |
| 3/31/2024 | 33.9 | 8.9 | 2. | 33.9 | 24 |
| 3/30/2024 | 33.8 | 8.35 | 2. | 33.8 | 24 |
| 3/29/2024 | 33.8 | 10.02 | 3. | 33.8 | 24 |
| 3/28/2024 | 33.2 | 10.02 | 3. | 33.2 | 24 |
| 3/27/2024 | 33. | 11.27 | 3. | 33. | 24 |
| 3/26/2024 | 32.9 | 11.69 | 5. | 32.9 | 24 |
| 3/25/2024 | 33.2 | 11.69 | 5. | 28.4 | 24 |
| 3/24/2024 | 33.2 | 8.35 | 2. | 33.2 | 24 |
| 3/23/2024 | 34.8 | 8.35 | 2. | 29.3 | 24 |
| 3/22/2024 | 34.1 | 11.69 | 3. | | 24 |
| 3/21/2024 | 33.8 | 10.02 | 5. | 8.9 | 24 |
| 3/20/2024 | 32.7 | 10.02 | 3. | 16.7 | 24 |
| 3/19/2024 | 32.3 | 11.69 | 5. | 27.2 | 24 |
| 3/18/2024 | 32.7 | 10.02 | 2. | 20.5 | 24 |
| 3/17/2024 | 31.1 | 13.46 | 5. | 6.1 | 24 |
| 3/16/2024 | 34.2 | 10.02 | 3. | 10.8 | 24 |
| 3/15/2024 | 33.6 | 11.69 | 3. | | 24 |
| 3/14/2024 | 33.1 | 13.36 | 3. | | 24 |
| 3/13/2024 | 32.1 | 11.69 | 5. | 5.7 | 24 |
| 3/12/2024 | 33.7 | 11.69 | 3. | 20.5 | 24 |
| 3/11/2024 | 33.1 | 8.77 | 3. | 33.1 | 24 |
| 3/10/2024 | 33.2 | 8.35 | 2. | 28.9 | 24 |
| 3/9/2024 | 32.3 | 11.69 | 3. | 32.3 | 24 |
| 3/8/2024 | 35.1 | 8.35 | 2. | 28.6 | 24 |
| 3/7/2024 | 31.7 | 11.69 | 5. | 14.9 | 24 |
| 3/6/2024 | 25. | 6.68 | 2. | 15. | 24 |
| 3/5/2024 | 33.5 | 8.35 | 3. | 16.4 | 24 |
| 3/4/2024 | 32.6 | 11.69 | 5. | 3.7 | 24 |
| 3/3/2024 | 32.6 | 13.36 | 3. | 6.8 | 24 |
| 3/2/2024 | 31.6 | 11.69 | 10. | .5 | 24 |
| 3/1/2024 | 30.8 | 11.69 | 3. | .4 | 24 |
| 2/29/2024 | 30.2 | 11.69 | 3. | 8.8 | 24 |
| 2/28/2024 | 34.8 | 11.69 | 3. | 4.6 | 24 |
| | | | | | |

| 2/27/2024 | 32.1 | 11.02 | 2. | | 24 |
|-----------|------|-------|-----|------|----|
| 2/26/2024 | 33.3 | 10.02 | 5. | 4.6 | 24 |
| 2/25/2024 | 30.4 | 11.69 | 5. | 23.8 | 24 |
| 2/24/2024 | 33.8 | 10.02 | 8. | 5.6 | 24 |
| 2/23/2024 | 32. | 11.69 | 3. | 3.4 | 24 |
| 2/22/2024 | 33.4 | 11.69 | 2. | 10.5 | 24 |
| 2/21/2024 | 33.1 | 11.69 | 3. | 33.1 | 24 |
| 2/20/2024 | 33.3 | 11.69 | 3. | 33.3 | 24 |
| 2/19/2024 | 33. | 13.36 | 5. | 33. | 24 |
| 2/18/2024 | 32.2 | 11.69 | 3. | 29.6 | 24 |
| 2/17/2024 | 32.4 | 10.02 | 2. | 32.4 | 24 |
| 2/16/2024 | 32.7 | 11.69 | 2. | 32.7 | 24 |
| 2/15/2024 | 32.7 | 10.02 | 3. | 32.7 | 24 |
| 2/14/2024 | 32.4 | 10.02 | 5. | 32.4 | 24 |
| 2/13/2024 | 32.2 | 11.69 | 3. | 32.2 | 24 |
| 2/12/2024 | 31.4 | 11.69 | 3. | 31.4 | 24 |
| 2/11/2024 | 32.4 | 11.69 | 3. | 32.4 | 24 |
| 2/10/2024 | 32.2 | 9.15 | 2. | 32.2 | 24 |
| 2/9/2024 | 32. | 10.02 | 3. | 32. | 24 |
| 2/8/2024 | 32.2 | 9.19 | 2. | 32.2 | 24 |
| 2/7/2024 | 32.3 | 10.02 | 3. | 32.3 | 24 |
| 2/6/2024 | 32.2 | 10.02 | 3. | 32.2 | 24 |
| 2/5/2024 | 32.2 | 11.69 | 2. | 32.2 | 24 |
| 2/4/2024 | 32.2 | 10.02 | 3. | 32.2 | 24 |
| 2/3/2024 | 32.1 | 10.02 | 2. | 32.1 | 24 |
| 2/2/2024 | 31. | 8.35 | 5. | 31. | 24 |
| 2/1/2024 | 32.4 | 11.69 | 2. | 32.4 | 24 |
| 1/31/2024 | 32.5 | 11.69 | 2. | 32.5 | 24 |
| 1/30/2024 | 32.4 | | 16. | 32.4 | 24 |
| 1/29/2024 | 32.8 | 9.7 | 2. | 32.8 | 24 |
| 1/28/2024 | 32.4 | 11.69 | 5. | 32.4 | 24 |
| 1/27/2024 | 32.5 | 10.02 | 3. | 32.5 | 24 |
| 1/26/2024 | 34.3 | 10.02 | 2. | 24.5 | 24 |
| 1/25/2024 | 31. | 11.27 | 3. | 27.9 | 24 |
| 1/24/2024 | 32.2 | 10.02 | 2. | 32.2 | 24 |
| 1/23/2024 | 32.8 | 11.69 | 3. | 32.8 | 24 |
| 1/22/2024 | 32.4 | 10.02 | 5. | 22.7 | 24 |
| 1/21/2024 | 32.1 | 10.02 | 3. | 12.9 | 24 |
| 1/20/2024 | 29.6 | 10.02 | 2. | .6 | 24 |
| 1/19/2024 | 32.1 | 11.69 | 3. | 20.7 | 24 |
| 1/18/2024 | 31.3 | 10.02 | 2. | 2.7 | 24 |
| 1/17/2024 | 31.1 | 13.36 | 2. | 6.1 | 24 |
| 1/16/2024 | 30.4 | 11.69 | 3. | | 24 |
| 1/15/2024 | 29.7 | 13.36 | 3. | | 24 |
| 1/14/2024 | 31. | 15.25 | 3. | 15.5 | 24 |
| 1/13/2024 | 30.9 | 10.02 | 3. | 30.9 | 24 |
| 1/12/2024 | 31.8 | 8.35 | 3. | 31.5 | 24 |
| 1/11/2024 | 33.3 | 8.35 | 3. | 8.7 | 24 |
| | | | | | |

| 31.9 31.2 | 12.96 16.7 | 5. | | 24 |
|--------------|---|--|--|---|
| 31.2 | 16.7 | _ | | |
| | 10.7 | 3. | 15.5 | 24 |
| 31.9 | 13.36 | 2. | 25.7 | 24 |
| 32.3 | 10.02 | 3. | 32.3 | 24 |
| 33.1 | 6.68 | 3. | 24.7 | 24 |
| 30.7 | 11.69 | 5. | 1.4 | 24 |
| 31. | 10.02 | 3. | | 24 |
| 30.8 | 11.69 | 5. | • | 24 |
| 30.9 | 11.69 | 5. | • | 24 |
| 31.4 | 11.69 | 2. | 11.8 | 24 |
| 31.2 | 11.69 | 5. | • | 24 |
| 30.6 | 11.69 | 3. | • | 24 |
| 31.1 | 13.36 | 2. | • | 24 |
| 32.7 | 11.69 | 3. | 10.6 | 24 |
| 28.7 | 13.36 | 2. | 25.9 | 24 |
| 33.1 | 8.54 | 6. | 33.1 | 24 |
| 29.4 | 3.34 | 1. | 26. | 24 |
| | 31.9 32.3 33.1 30.7 31. 30.8 30.9 31.4 31.2 30.6 31.1 32.7 28.7 33.1 | 31.9 13.36 32.3 10.02 33.1 6.68 30.7 11.69 31. 10.02 30.8 11.69 30.9 11.69 31.4 11.69 31.2 11.69 30.6 11.69 31.1 13.36 32.7 11.69 28.7 13.36 33.1 8.54 | 31.9 13.36 2. 32.3 10.02 3. 33.1 6.68 3. 30.7 11.69 5. 31. 10.02 3. 30.8 11.69 5. 30.9 11.69 5. 31.4 11.69 5. 30.6 11.69 3. 31.1 13.36 2. 32.7 11.69 3. 28.7 13.36 2. 33.1 8.54 6. | 31.9 13.36 2. 25.7 32.3 10.02 3. 32.3 33.1 6.68 3. 24.7 30.7 11.69 5. 1.4 31. 10.02 3. . 30.8 11.69 5. . 30.9 11.69 5. . 31.4 11.69 2. 11.8 31.2 11.69 5. . 30.6 11.69 3. . 31.1 13.36 2. . 32.7 11.69 3. 10.6 28.7 13.36 2. 25.9 33.1 8.54 6. 33.1 |

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

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 350738

DEFINITIONS

| Operator: | OGRID: |
|-------------------------------------|--|
| U.S. ENERGY DEVELOPMENT CORPORATION | 372759 |
| 1521 N. Cooper St. | Action Number: |
| Arlington, TX 76011 | 350738 |
| | 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.

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

<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 350738

| Phone:(505) 476-3470 Fax:(505) 476-3462 | | |
|--|--------------------------------------|--|
| 0 | UESTIONS | |
| Operator: U.S. ENERGY DEVELOPMENT CORPORATION | <u>SECTIONS</u> | OGRID: 372759 |
| 1521 N. Cooper St. | | Action Number: |
| Arlington, TX 76011 | | 350738 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 w | vith the rest of the questions. |
| Incident Well | [30-025-29378] TEXACO | 14 FEDERAL #001 |
| Incident Facility | Unavailable. | |
| Determination of Reporting Requirements | | |
| Answer all questions that apply. The Reason(s) statements are calculated based on your answers a | nd may provide addional quidand | ce. |
| 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 | Yes | |
| Is this considered a submission for a vent or flare event | Yes, answer to "eight ho | urs or more" suggests this is at least a minor event. |
| An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during v | venting and/or flaring that is or ma | ay he 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 | No | ay so a major or minor release and or 15.10.25.7 Min/10. |
| 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 | No | |
| watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water | | |
| 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 | No | |
| existence | | |
| Equipment Involved | | |
| Primary Equipment Involved | Not answered. | |
| i iiiiary Equipment iiivoived | 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 | 68 | |
| Nitrogen (N2) percentage, if greater than one percent | 3 | |
| Hydrogen Sulfide (H2S) PPM, rounded up | 36 | |
| Carbon Dioxide (C02) percentage, if greater than one percent | 2 | |
| 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 | cifications 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

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

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, Page 2

Action 350738

| QUESTI | IONS (continued) | |
|---|---|--|
| Operator: | OGRID: | |
| U.S. ENERGY DEVELOPMENT CORPORATION | 372759 | |
| 1521 N. Cooper St. Arlington, TX 76011 | Action Number: 350738 | |
| 7 timig.co., 171 00 1 1 | Action Type: | |
| | [C-129] Venting and/or Flaring (C-129) | |
| QUESTIONS | | |
| Date(s) and Time(s) | | |
| Date vent or flare was discovered or commenced | 02/04/2024 | |
| 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 | |
| Cumulatio hours during this storic | 24 | |
| Measured or Estimated Volume of Vented or Flared Natural Gas | | |
| Natural Gas Vented (Mcf) Details | Not answered. | |
| Natural Gas Flared (Mcf) Details | Cause: High Line Pressure Producing Well Natural Gas Flared Released: 32 Mcf Recovered: 0 Mcf Lost: 32 Mcf. | |
| Other Released Details | Not answered. | |
| | The united cu. | |
| | | |
| Additional details for Measured or Estimated Volume(s). Please specify | Not answered. | |
| Traditional advance is: initiation of Zoumaiou Foliamo(o). Floaded opposity | 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. | |
| | 100, according to capping volumes this appears to 50 a gas only report. | |
| | | |
| | <u> </u> | |
| Venting or Flaring Resulting from Downstream Activity | | |
| 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 | [221115] FRONTIER FIELD SERVICES, LLC | |
| Date notified of downstream activity requiring this vent or flare | Not answered. | |
| Time notified of downstream activity requiring this vent or flare | Not answered. | |
| | Tot districted. | |
| 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 | Dependent on 3rd party compression & line pressure. | |
| | | |
| | | |
| | | |
| | | |
| Steps taken to limit the duration and magnitude of vent or flare | Dependent on 3rd party compression & line pressure. | |
| | | |
| | | |
| | | |
| 1 | | |
| Corrective actions taken to eliminate the cause and reoccurrence of vent or flare | Dependent on 3rd party compression & line pressure. | |

ACKNOWLEDGMENTS

Action 350738

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

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

| Operator: | OGRID: |
|-------------------------------------|--|
| U.S. ENERGY DEVELOPMENT CORPORATION | 372759 |
| 1521 N. Cooper St. | Action Number: |
| Arlington, TX 76011 | 350738 |
| | 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. |
|----------|---|
| ব | 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. |

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

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 350738

CONDITIONS

| Operator: | OGRID: |
|-------------------------------------|--|
| U.S. ENERGY DEVELOPMENT CORPORATION | 372759 |
| 1521 N. Cooper St. | Action Number: |
| Arlington, TX 76011 | 350738 |
| | Action Type: |
| | [C-129] Venting and/or Flaring (C-129) |

CONDITIONS

| Created | d Condition | Condition |
|---------|--|-----------|
| Ву | | Date |
| Ipate | 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. | 6/4/2024 |