

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATIONS OF CIMAREX ENERGY CO.
FOR A HORIZONTAL SPACING UNIT
AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case Nos. 23448 – 23455

**APPLICATIONS OF CIMAREX ENERGY CO.
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

Case Nos. 23594 – 23601

**APPLICATIONS OF READ & STEVENS, INC.
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

Case Nos. 23508 – 23523

NOTICE OF FILING EXHIBITS

Cimarex Energy Co., applicant in the above- referenced cases, gives notice that it is filing the attached exhibits for acceptance into the record. Rebuttal Exhibit 1 is filed as a rebuttal exhibit. Exhibit 2 is filed to provide the Division Cimarex’s updated AFEs for the Mighty Pheasant and Loosey Goosey Wells.

Rebuttal Exhibit 1 Slide 5 from Permian Resources Second Quarter 2023 Earnings Presentation

Exhibit 2 Updated AFEs reflecting August 2023 costs.

Respectfully submitted,

ABADIE& SCHILL, PC

/s/ Darin C. Savage

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Attorneys for Cimarex Energy Co.

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was filed with the New Mexico Oil Conservation Division and was served on counsel of record via electronic mail on August 9, 2023:

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/s/ Darin C. Savage

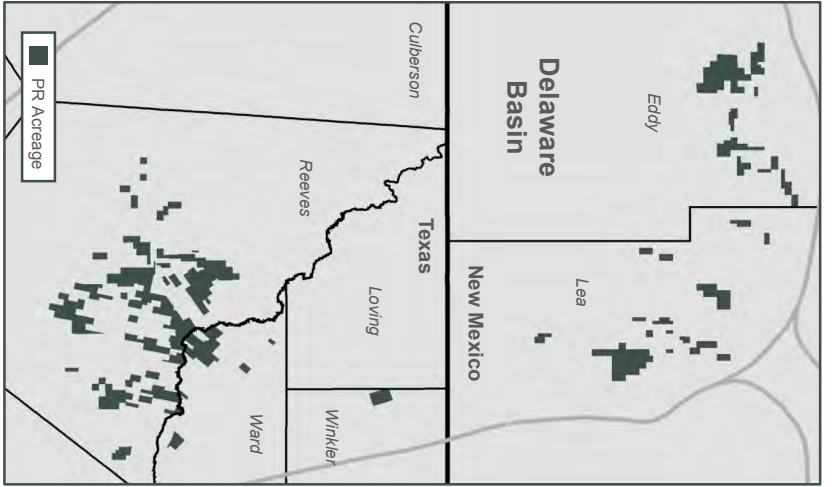
Darin C. Savage

Permian Resources – Company Overview

Rebuttal Exhibit 1

| |
|---|
| <p>Premier Delaware Basin Pure-Play E&P Company</p> <ul style="list-style-type: none"> Largest pure-play Delaware Basin E&P company with ~180,000 net acres, ~43,000 net royalty acres and ~162 MBoe/d of FY'23E production¹ Scale and balance sheet strength provide flexibility to quickly respond to a range of market conditions Commitment to ESG and corporate sustainability |
| <p>Top Tier Inventory Quality & Depth</p> <ul style="list-style-type: none"> High quality asset base and operating expertise drive capital-efficient development plan Inventory depth supports long-term free cash flow and sustainable shareholder returns |
| <p>Commitment to Balance Sheet Strength</p> <ul style="list-style-type: none"> Committed to financial discipline with strong balance sheet, hedge book and liquidity Low leverage profile supports return of capital program through the cycle |
| <p>Differentiated Shareholder Returns & Alignment</p> <ul style="list-style-type: none"> Shareholder-aligned management team with track record of delivering strong returns across cycles Returning >50% of free cash flow to shareholders |
| <p>Continuous Portfolio Optimization</p> <ul style="list-style-type: none"> Focused on portfolio optimization to drive shareholder value Recently closed transactions increase high-return drilling inventory while generating net cash proceeds |

| |
|---|
| <p>PR Key Statistics</p> <p>~180,000 Net Acres</p> <p>~162 MBoe/d FY'23E Production¹</p> <p>15+ Years High-Quality Inventory</p> <p>~\$8.7 bn Enterprise Value²</p> <p>~1.1x Current Leverage³</p> |
|---|



(1) Based on mid-point of FY'23 Guidance ranges
 (2) Market data as of August 1, 2023
 (3) Current leverage represents Net Debt / Q2'23 LGA EBITDAX

High Quality, Long Dated Inventory Drives Advantaged Productivity



1 Consistent Development Philosophy

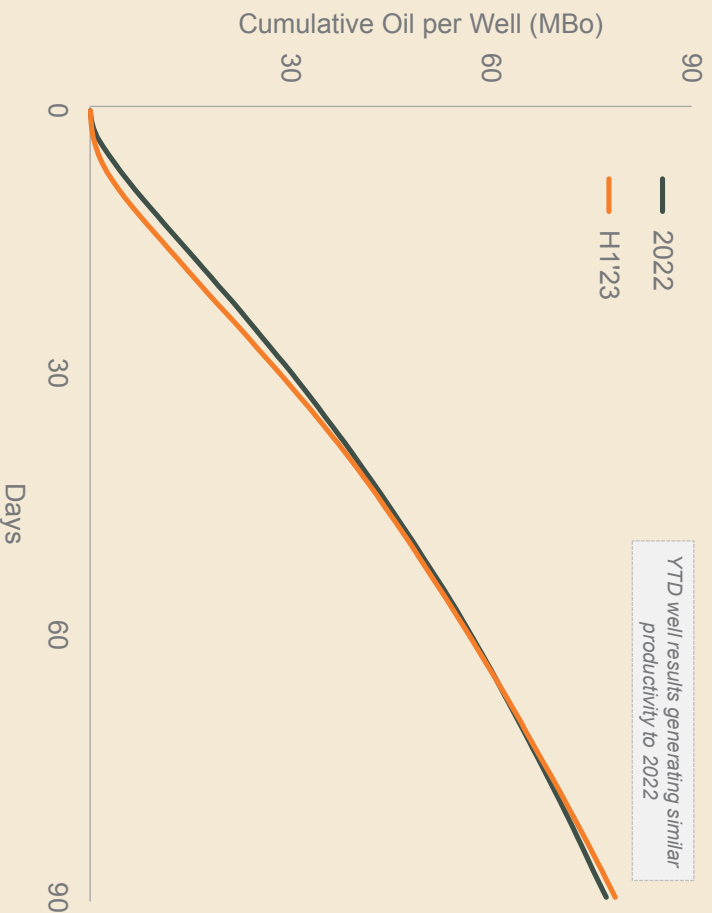
- Co-development of multiple zones maximizes capital efficiency and well productivity
- Allows for high RORs while protecting future development economics

2 Focused on Primary Delaware Basin Zones

- Inventory quality and depth allow continued focus on proven, high-performing intervals
 - 2nd and 3rd Bone Spring in New Mexico
 - 3rd Bone Spring and Upper Wolfcamp in Texas

Long inventory life and methodical development approach drive leading full cycle returns

Permian Resources – Average Cumulative Oil Production¹ (MBo)
(Includes all PR Wells Placed on Production in FY'22 and H1'23)



(1) Production curves reflect internal data and include downtime for items such as artificial lift installation, shut-ins for offset completions, etc.; 2022 curve includes all 148 wells that PR placed on production from January 1, 2022 to December 31, 2022; H1'23 curve includes all 76 wells that PR placed on production from January 1, 2023 through June 30, 2023.



Authorization For Expenditure Drilling

AFE # PAF0000102

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| | | | | |
|--------------------|----------------------------------|----------|-----------------|------------|
| Exploration Region | Well Name | Prospect | Property Number | AFE |
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 211H | | 411504566 | PAF0000102 |

| | | | |
|---------------|--------------------------|----------------|----------------------|
| County, State | Location | Estimated Spud | Estimated Completion |
| LEA, NM | Sections 5 and 8 20S-34E | 5/27/2024 | |

| | | | | |
|---|-------------|-----------|--------------------|--------------------|
| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
| <input type="checkbox"/> Supplement | Bone Spring | | 19,600 | 10,000 |
| <input type="checkbox"/> Revision | | | | |

Purpose: Mighty Pheasant 5-8 Fed Com 211H

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

1. All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023



COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 211H

AFE # PAF0000102

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total | Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|-------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | | 9,651,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 211H

AFE # PAF0000102

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 211H

AFE # PAF0000102

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722066

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|--------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 302H | | 411354292 | 026722066 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--|----------------|----------------------|
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| <input checked="" type="checkbox"/> New Supplement Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 3rd Bone Spring | | 20,820 | 10,820 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,866,618 |
| Total Intangible Cost | \$7,841,618 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,780,375 |
| Total Tangible Cost | \$2,780,375 |

Total Well Cost \$10,621,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement. 8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 302H

AFE # 026722066

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|------------------|-----------------|----------------|-------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 2,056 | | | 22,056 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 34,883 | | | 134,883 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 18,928 | 0334.0040 | 5,000 | 157,928 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 2,001 | 0334.0096 | 60,000 | 290,001 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 22,714 | 0334.0116 | 0 | 202,714 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 27,312 | | | 42,312 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 107,462 | 0334.0190 | 0 | 438,462 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 150,727 | | | 150,727 |
| AUTOMATION LABOR | | | | | 0336.0043 | 44,672 | 0334.0043 | 0 | 44,672 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 12,277 | | | 12,277 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 101,729 | | | 101,729 |
| FL/GL - LABOR | | | | | 0336.0108 | 56,083 | | | 56,083 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 10,816 | | | 10,816 |
| SURVEY | | | | | 0336.0112 | 5,246 | | | 5,246 |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | 0336.0144 | 75,716 | | | 75,716 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 35,803 | | | 35,803 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 708,425 | | 212,193 | 7,841,618 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 157,110 | 0334.0303 | 0 | 157,110 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 160,409 | 0334.0315 | 0 | 160,409 |
| TANKS, STEPS, STAIRS | | | | | 0336.0317 | 74,039 | | | 74,039 |
| METERING EQUIPMENT | | | | | 0336.0321 | 24,445 | | | 24,445 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 45,970 | | | 45,970 |
| FACILITY ELECTRICAL | | | | | 0336.0324 | 66,034 | | | 66,034 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 23,256 | | | 23,256 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,956 | | | 19,956 |
| SHORT ORDERS | | | | | 0336.0332 | 4,326 | | | 4,326 |
| PUMPS | | | | | 0336.0333 | 33,585 | | | 33,585 |
| WALKOVERS | | | | | 0336.0334 | 6,490 | | | 6,490 |
| BATTERY (HTR, TRTR, SEPAR, GAS T) | | | | | 0336.0335 | 240,288 | | | 240,288 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 9,843 | | | 9,843 |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | 0336.0337 | 45,430 | | | 45,430 |
| TELECOMMUNICATION EQUIPMENT | | | | | 0336.0338 | 324 | | | 324 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 30,070 | | | 30,070 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 941,575 | | 30,000 | 2,780,375 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 1,650,000 | | 242,193 | 10,621,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 302H

AFE # 026722066

| Description | Drilling | | Comp/Stim | |
|------------------------------------|-----------|------------------|-----------|------------------|
| | Codes | Amount | Codes | Amount |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | |
| DAMAGES | 0331.0005 | 20,000 | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 |
| DRILLING RIG | 0331.0050 | 758,000 | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | 20,000 |
| DRILL BITS | 0331.0080 | 62,000 | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | 188,000 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | |
| MECHANICAL LABOR | | | | |
| AUTOMATION LABOR | | | | |
| IPC & EXTERNAL PAINTING | | | | |
| FL/GL - ON PAD LABOR | | | | |
| FL/GL - LABOR | | | | |
| FL/GL - SUPERVISION | | | | |
| SURVEY | | | | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | |
| CONTINGENCY - PIPELINE | | | | |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | |
| SURFACE CASING | 0331.0207 | 277,000 | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 |
| WATER STRING CASING | 0331.0221 | 70,000 | | |
| TUBING | | | 0333.0201 | 276,000 |
| SURFACE EQUIPMENT | | | | |
| WELL AUTOMATION MATERIALS | | | | |
| N/C LEASE EQUIPMENT | | | | |
| GATHERING/FLOWLINES | | | | |
| TANKS, STEPS, STAIRS | | | | |
| METERING EQUIPMENT | | | | |
| LEASE AUTOMATION MATERIALS | | | | |
| FACILITY ELECTRICAL | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | |
| FL/GL - MATERIALS | | | | |
| SHORT ORDERS | | | | |
| PUMPS | | | | |
| WALKOVERS | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | |
| SECONDARY CONTAINMENTS | | | | |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | |
| TELECOMMUNICATION EQUIPMENT | | | | |
| FACILITY LINE PIPE | | | | |
| Total Tangible Cost | | 1,494,800 | | 314,000 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 302H

AFE # 026722066

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|------------------|-----------|-----------------|----------------|-------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 2,056 | | | | 22,056 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 34,883 | | | | 134,883 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMOLIBIZE | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 18,928 | 0334.0040 | 5,000 | | 157,928 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 2,001 | 0334.0096 | 60,000 | | 290,001 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 22,714 | 0334.0116 | 0 | | 202,714 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 27,312 | | | | 42,312 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 107,462 | 0334.0190 | 0 | | 438,462 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 150,727 | | | | 150,727 | |
| AUTOMATION LABOR | 0336.0043 | 44,672 | 0334.0043 | 0 | | 44,672 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 12,277 | | | | 12,277 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 101,729 | | | | 101,729 | |
| FL/GL - LABOR | 0336.0108 | 56,083 | | | | 56,083 | |
| FL/GL - SUPERVISION | 0336.0109 | 10,816 | | | | 10,816 | |
| SURVEY | 0336.0112 | 5,246 | | | | 5,246 | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | 0336.0144 | 75,716 | | | | 75,716 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 35,803 | | | | 35,803 | |
| Total Intangible Cost: | | 708,425 | | | 212,193 | 7,841,618 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 157,110 | 0334.0303 | 0 | | 157,110 | |
| GATHERING/FLOWLINES | 0336.0315 | 160,409 | 0334.0315 | 0 | | 160,409 | |
| TANKS, STEPS, STAIRS | 0336.0317 | 74,039 | | | | 74,039 | |
| METERING EQUIPMENT | 0336.0321 | 24,445 | | | | 24,445 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 45,970 | | | | 45,970 | |
| FACILITY ELECTRICAL | 0336.0324 | 66,034 | | | | 66,034 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 23,256 | | | | 23,256 | |
| FL/GL - MATERIALS | 0336.0331 | 19,956 | | | | 19,956 | |
| SHORT ORDERS | 0336.0332 | 4,326 | | | | 4,326 | |
| PUMPS | 0336.0333 | 33,585 | | | | 33,585 | |
| WALKOVERS | 0336.0334 | 6,490 | | | | 6,490 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 240,288 | | | | 240,288 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 9,843 | | | | 9,843 | |
| OVERHEAD POWER DISTR (TO FACILITY) | 0336.0337 | 45,430 | | | | 45,430 | |
| TELECOMMUNICATION EQUIPMENT | 0336.0338 | 324 | | | | 324 | |
| FACILITY LINE PIPE | 0336.0339 | 30,070 | | | | 30,070 | |
| Total Tangible Cost: | | 941,575 | | 30,000 | | 2,780,375 | |
| Total Estimated Cost | | 1,650,000 | | 242,193 | | 10,621,993 | |



Authorization For Expenditure Drilling

AFE # 026722064

Company Entity
 CIMAREX ENERGY CO (999901)

Date Prepared
 8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|--------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 202H | | 411354296 | 026722064 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--|----------------|----------------------|
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| <input checked="" type="checkbox"/> New Supplement Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 2nd Bone Spring | | 20,300 | 10,300 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement. 8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 202H

AFE # 026722064

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 202H

AFE # 026722064

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 202H

AFE # 026722064

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722063

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|--------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 201H | | 411354297 | 026722063 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--|----------------|----------------------|
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| <input checked="" type="checkbox"/> New Supplement Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 2nd Bone Spring | | 20,300 | 10,300 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 201H

AFE # 026722063

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilIZE | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 201H

AFE # 026722063

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 201H

AFE # 026722063

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722055

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|--------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 103H | | 411354299 | 026722055 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--|----------------|----------------------|
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| <input checked="" type="checkbox"/> New <input type="checkbox"/> Supplement <input type="checkbox"/> Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 1ST BONE SPRING | | 19,520 | 9,520 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 103H

AFE # 026722055

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total | Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|-------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | | 9,651,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 103H

AFE # 026722055

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 103H

AFE # 026722055

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722069

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 103H | | 411354287 | 026722069 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 5/27/2024 | |

| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| <input type="checkbox"/> Supplement | 1ST BONE SPRING | | 19,515 | 9,515 |
| <input type="checkbox"/> Revision | | | | |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 103H

AFE # 026722069

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 103H

AFE # 026722069

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 103H

AFE # 026722069

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|----------------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | | 212,193 | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | | 30,000 | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | | 242,193 | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722078

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 304H | | 411354278 | 026722078 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 5/27/2024 | |

| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| <input type="checkbox"/> Supplement | 3rd Bone Spring | | 20,870 | 10,870 |
| <input type="checkbox"/> Revision | | | | |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,866,618 |
| Total Intangible Cost | \$7,841,618 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,780,375 |
| Total Tangible Cost | \$2,780,375 |

Total Well Cost \$10,621,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 304H

AFE # 026722078

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|------------------|-----------------|----------------|-------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 2,056 | | | 22,056 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 34,883 | | | 134,883 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 18,928 | 0334.0040 | 5,000 | 157,928 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 2,001 | 0334.0096 | 60,000 | 290,001 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 22,714 | 0334.0116 | 0 | 202,714 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 27,312 | | | 42,312 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 107,462 | 0334.0190 | 0 | 438,462 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 150,727 | | | 150,727 |
| AUTOMATION LABOR | | | | | 0336.0043 | 44,672 | 0334.0043 | 0 | 44,672 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 12,277 | | | 12,277 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 101,729 | | | 101,729 |
| FL/GL - LABOR | | | | | 0336.0108 | 56,083 | | | 56,083 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 10,816 | | | 10,816 |
| SURVEY | | | | | 0336.0112 | 5,246 | | | 5,246 |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | 0336.0144 | 75,716 | | | 75,716 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 35,803 | | | 35,803 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 708,425 | | 212,193 | 7,841,618 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 157,110 | 0334.0303 | 0 | 157,110 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 160,409 | 0334.0315 | 0 | 160,409 |
| TANKS, STEPS, STAIRS | | | | | 0336.0317 | 74,039 | | | 74,039 |
| METERING EQUIPMENT | | | | | 0336.0321 | 24,445 | | | 24,445 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 45,970 | | | 45,970 |
| FACILITY ELECTRICAL | | | | | 0336.0324 | 66,034 | | | 66,034 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 23,256 | | | 23,256 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,956 | | | 19,956 |
| SHORT ORDERS | | | | | 0336.0332 | 4,326 | | | 4,326 |
| PUMPS | | | | | 0336.0333 | 33,585 | | | 33,585 |
| WALKOVERS | | | | | 0336.0334 | 6,490 | | | 6,490 |
| BATTERY (HTR, TRTR, SEPAR, GAS T) | | | | | 0336.0335 | 240,288 | | | 240,288 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 9,843 | | | 9,843 |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | 0336.0337 | 45,430 | | | 45,430 |
| TELECOMMUNICATION EQUIPMENT | | | | | 0336.0338 | 324 | | | 324 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 30,070 | | | 30,070 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 941,575 | | 30,000 | 2,780,375 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 1,650,000 | | 242,193 | 10,621,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 304H

AFE # 026722078

| Description | Drilling | | | Comp/Stim | | |
|------------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| TANKS, STEPS, STAIRS | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| FACILITY ELECTRICAL | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| PUMPS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | | |
| TELECOMMUNICATION EQUIPMENT | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 304H

AFE # 026722078

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|------------------|-----------|-----------------|----------------|-------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 2,056 | | | | 22,056 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 34,883 | | | | 134,883 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMOLIBIZE | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 18,928 | 0334.0040 | 5,000 | | 157,928 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 2,001 | 0334.0096 | 60,000 | | 290,001 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 22,714 | 0334.0116 | 0 | | 202,714 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 27,312 | | | | 42,312 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 107,462 | 0334.0190 | 0 | | 438,462 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 150,727 | | | | 150,727 | |
| AUTOMATION LABOR | 0336.0043 | 44,672 | 0334.0043 | 0 | | 44,672 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 12,277 | | | | 12,277 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 101,729 | | | | 101,729 | |
| FL/GL - LABOR | 0336.0108 | 56,083 | | | | 56,083 | |
| FL/GL - SUPERVISION | 0336.0109 | 10,816 | | | | 10,816 | |
| SURVEY | 0336.0112 | 5,246 | | | | 5,246 | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | 0336.0144 | 75,716 | | | | 75,716 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 35,803 | | | | 35,803 | |
| Total Intangible Cost: | | 708,425 | | | 212,193 | 7,841,618 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 157,110 | 0334.0303 | 0 | | 157,110 | |
| GATHERING/FLOWLINES | 0336.0315 | 160,409 | 0334.0315 | 0 | | 160,409 | |
| TANKS, STEPS, STAIRS | 0336.0317 | 74,039 | | | | 74,039 | |
| METERING EQUIPMENT | 0336.0321 | 24,445 | | | | 24,445 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 45,970 | | | | 45,970 | |
| FACILITY ELECTRICAL | 0336.0324 | 66,034 | | | | 66,034 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 23,256 | | | | 23,256 | |
| FL/GL - MATERIALS | 0336.0331 | 19,956 | | | | 19,956 | |
| SHORT ORDERS | 0336.0332 | 4,326 | | | | 4,326 | |
| PUMPS | 0336.0333 | 33,585 | | | | 33,585 | |
| WALKOVERS | 0336.0334 | 6,490 | | | | 6,490 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 240,288 | | | | 240,288 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 9,843 | | | | 9,843 | |
| OVERHEAD POWER DISTR (TO FACILITY) | 0336.0337 | 45,430 | | | | 45,430 | |
| TELECOMMUNICATION EQUIPMENT | 0336.0338 | 324 | | | | 324 | |
| FACILITY LINE PIPE | 0336.0339 | 30,070 | | | | 30,070 | |
| Total Tangible Cost: | | 941,575 | | 30,000 | | 2,780,375 | |
| Total Estimated Cost | | 1,650,000 | | 242,193 | | 10,621,993 | |



Authorization For Expenditure Drilling

AFE # PAF0000107

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| | | | | |
|--------------------|--------------------------------|----------|-----------------|------------|
| Exploration Region | Well Name | Prospect | Property Number | AFE |
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 213H | | 411504576 | PAF0000107 |

| | | | |
|---------------|--------------------------|----------------|----------------------|
| County, State | Location | Estimated Spud | Estimated Completion |
| LEA, NM | Sections 4 and 9 20S-34E | 5/27/2024 | |

| | | | | |
|---|--------------------------|-----------|------------------------------|------------------------------|
| <input checked="" type="checkbox"/> New Supplement Revision | Formation Bone Spring | Well Type | Ttl Measured Depth 19,600 | Ttl Vertical Depth 10,000 |
|---|--------------------------|-----------|------------------------------|------------------------------|

Purpose Loosey Goosey 4-9 Fed Com 213H

Description

| | |
|------------------------------|--------------------|
| Intangible | Cost |
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| | |
|----------------------------|--------------------|
| Tangible | Cost |
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 213H

AFE # PAF0000107

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total | Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|-------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | | 9,651,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 213H

AFE # PAF0000107

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 213H

AFE # PAF0000107

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMOLIBIZE | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # PAF0000105

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| | | | | |
|--------------------|--------------------------------|----------|-----------------|------------|
| Exploration Region | Well Name | Prospect | Property Number | AFE |
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 211H | | 411504572 | PAF0000105 |

| | | | |
|---------------|--------------------------|----------------|----------------------|
| County, State | Location | Estimated Spud | Estimated Completion |
| LEA, NM | Sections 4 and 9 20S-34E | 5/27/2024 | |

| | | | | |
|---|-------------|-----------|--------------------|--------------------|
| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
| <input type="checkbox"/> Supplement | BONE SPRING | | 19,600 | 10,000 |
| <input type="checkbox"/> Revision | | | | |

Purpose Loosey Goosey 4-9 Fed Com 211H

Description

| | |
|------------------------------|--------------------|
| Intangible | Cost |
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| | |
|----------------------------|--------------------|
| Tangible | Cost |
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 211H

AFE # PAF0000105

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 211H

AFE # PAF0000105

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 211H

AFE # PAF0000105

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722068

Company Entity
 CIMAREX ENERGY CO (999901)

Date Prepared
 8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 102H | | 411354288 | 026722068 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 5/27/2024 | |

| <input checked="" type="checkbox"/> New <input type="checkbox"/> Supplement <input type="checkbox"/> Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 1ST BONE SPRING | | 19,515 | 9,515 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 102H

AFE # 026722068

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total | Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|-------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | | 9,651,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 102H

AFE # 026722068

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 102H

AFE # 026722068

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # PAF0000104

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|------------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 213H | | 411504570 | PAF0000104 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--------------------------|----------------|----------------------|
| LEA, NM | Sections 5 and 8 20S-34E | 5/27/2024 | |

| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-------------|-----------|--------------------|--------------------|
| <input type="checkbox"/> Supplement | Bone Spring | | 19,600 | 10,000 |
| <input type="checkbox"/> Revision | | | | |

Purpose: Mighty Pheasant 5-8 Fed Com 213H

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 213H

AFE # PAF0000104

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 213H

AFE # PAF0000104

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 213H

AFE # PAF0000104

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|----------------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | | 212,193 | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | | 30,000 | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | | 242,193 | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722073

Company Entity
 CIMAREX ENERGY CO (999901)

Date Prepared
 8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 203H | | 411354283 | 026722073 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 5/27/2024 | |

| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| <input type="checkbox"/> Supplement | 2nd Bone Spring | | 20,320 | 10,320 |
| <input type="checkbox"/> Revision | | | | |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 203H

AFE # 026722073

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 203H

AFE # 026722073

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 203H

AFE # 026722073

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722077

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 303H | | 411354279 | 026722077 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 11/9/2022 | |

| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| <input type="checkbox"/> Supplement | 3rd Bone Spring | | 20,870 | 10,870 |
| <input type="checkbox"/> Revision | | | | |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,866,618 |
| Total Intangible Cost | \$7,841,618 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,780,375 |
| Total Tangible Cost | \$2,780,375 |

Total Well Cost \$10,621,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 303H

AFE # 026722077

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|------------------|-----------------|----------------|-------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 2,056 | | | 22,056 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 34,883 | | | 134,883 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 18,928 | 0334.0040 | 5,000 | 157,928 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 2,001 | 0334.0096 | 60,000 | 290,001 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 22,714 | 0334.0116 | 0 | 202,714 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 27,312 | | | 42,312 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 107,462 | 0334.0190 | 0 | 438,462 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 150,727 | | | 150,727 |
| AUTOMATION LABOR | | | | | 0336.0043 | 44,672 | 0334.0043 | 0 | 44,672 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 12,277 | | | 12,277 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 101,729 | | | 101,729 |
| FL/GL - LABOR | | | | | 0336.0108 | 56,083 | | | 56,083 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 10,816 | | | 10,816 |
| SURVEY | | | | | 0336.0112 | 5,246 | | | 5,246 |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | 0336.0144 | 75,716 | | | 75,716 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 35,803 | | | 35,803 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 708,425 | | 212,193 | 7,841,618 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 157,110 | 0334.0303 | 0 | 157,110 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 160,409 | 0334.0315 | 0 | 160,409 |
| TANKS, STEPS, STAIRS | | | | | 0336.0317 | 74,039 | | | 74,039 |
| METERING EQUIPMENT | | | | | 0336.0321 | 24,445 | | | 24,445 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 45,970 | | | 45,970 |
| FACILITY ELECTRICAL | | | | | 0336.0324 | 66,034 | | | 66,034 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 23,256 | | | 23,256 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,956 | | | 19,956 |
| SHORT ORDERS | | | | | 0336.0332 | 4,326 | | | 4,326 |
| PUMPS | | | | | 0336.0333 | 33,585 | | | 33,585 |
| WALKOVERS | | | | | 0336.0334 | 6,490 | | | 6,490 |
| BATTERY (HTR, TRTR, SEPAR, GAS T) | | | | | 0336.0335 | 240,288 | | | 240,288 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 9,843 | | | 9,843 |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | 0336.0337 | 45,430 | | | 45,430 |
| TELECOMMUNICATION EQUIPMENT | | | | | 0336.0338 | 324 | | | 324 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 30,070 | | | 30,070 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 941,575 | | 30,000 | 2,780,375 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 1,650,000 | | 242,193 | 10,621,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 303H

AFE # 026722077

| Description | Drilling | | Comp/Stim | |
|------------------------------------|-----------|------------------|-----------|------------------|
| | Codes | Amount | Codes | Amount |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | |
| DAMAGES | 0331.0005 | 20,000 | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 |
| DRILLING RIG | 0331.0050 | 758,000 | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | 20,000 |
| DRILL BITS | 0331.0080 | 62,000 | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | 188,000 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | |
| MECHANICAL LABOR | | | | |
| AUTOMATION LABOR | | | | |
| IPC & EXTERNAL PAINTING | | | | |
| FL/GL - ON PAD LABOR | | | | |
| FL/GL - LABOR | | | | |
| FL/GL - SUPERVISION | | | | |
| SURVEY | | | | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | |
| CONTINGENCY - PIPELINE | | | | |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | |
| SURFACE CASING | 0331.0207 | 277,000 | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 |
| WATER STRING CASING | 0331.0221 | 70,000 | | |
| TUBING | | | 0333.0201 | 276,000 |
| SURFACE EQUIPMENT | | | | |
| WELL AUTOMATION MATERIALS | | | | |
| N/C LEASE EQUIPMENT | | | | |
| GATHERING/FLOWLINES | | | | |
| TANKS, STEPS, STAIRS | | | | |
| METERING EQUIPMENT | | | | |
| LEASE AUTOMATION MATERIALS | | | | |
| FACILITY ELECTRICAL | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | |
| FL/GL - MATERIALS | | | | |
| SHORT ORDERS | | | | |
| PUMPS | | | | |
| WALKOVERS | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | |
| SECONDARY CONTAINMENTS | | | | |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | |
| TELECOMMUNICATION EQUIPMENT | | | | |
| FACILITY LINE PIPE | | | | |
| Total Tangible Cost | | 1,494,800 | | 314,000 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 303H

AFE # 026722077

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|------------------|-----------|-----------------|----------------|-------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 2,056 | | | | 22,056 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 34,883 | | | | 134,883 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMOLIBIZE | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 18,928 | 0334.0040 | 5,000 | | 157,928 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 2,001 | 0334.0096 | 60,000 | | 290,001 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 22,714 | 0334.0116 | 0 | | 202,714 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 27,312 | | | | 42,312 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 107,462 | 0334.0190 | 0 | | 438,462 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 150,727 | | | | 150,727 | |
| AUTOMATION LABOR | 0336.0043 | 44,672 | 0334.0043 | 0 | | 44,672 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 12,277 | | | | 12,277 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 101,729 | | | | 101,729 | |
| FL/GL - LABOR | 0336.0108 | 56,083 | | | | 56,083 | |
| FL/GL - SUPERVISION | 0336.0109 | 10,816 | | | | 10,816 | |
| SURVEY | 0336.0112 | 5,246 | | | | 5,246 | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | 0336.0144 | 75,716 | | | | 75,716 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 35,803 | | | | 35,803 | |
| Total Intangible Cost: | | 708,425 | | | 212,193 | 7,841,618 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 157,110 | 0334.0303 | 0 | | 157,110 | |
| GATHERING/FLOWLINES | 0336.0315 | 160,409 | 0334.0315 | 0 | | 160,409 | |
| TANKS, STEPS, STAIRS | 0336.0317 | 74,039 | | | | 74,039 | |
| METERING EQUIPMENT | 0336.0321 | 24,445 | | | | 24,445 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 45,970 | | | | 45,970 | |
| FACILITY ELECTRICAL | 0336.0324 | 66,034 | | | | 66,034 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 23,256 | | | | 23,256 | |
| FL/GL - MATERIALS | 0336.0331 | 19,956 | | | | 19,956 | |
| SHORT ORDERS | 0336.0332 | 4,326 | | | | 4,326 | |
| PUMPS | 0336.0333 | 33,585 | | | | 33,585 | |
| WALKOVERS | 0336.0334 | 6,490 | | | | 6,490 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 240,288 | | | | 240,288 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 9,843 | | | | 9,843 | |
| OVERHEAD POWER DISTR (TO FACILITY) | 0336.0337 | 45,430 | | | | 45,430 | |
| TELECOMMUNICATION EQUIPMENT | 0336.0338 | 324 | | | | 324 | |
| FACILITY LINE PIPE | 0336.0339 | 30,070 | | | | 30,070 | |
| Total Tangible Cost: | | 941,575 | | 30,000 | | 2,780,375 | |
| Total Estimated Cost | | 1,650,000 | | 242,193 | | 10,621,993 | |



Authorization For Expenditure Drilling

AFE # 026722071

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 201H | | 411354285 | 026722071 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 5/27/2024 | |

| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| <input type="checkbox"/> Supplement | 2nd Bone Spring | | 20,320 | 10,320 |
| <input type="checkbox"/> Revision | | | | |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 201H

AFE # 026722071

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 201H

AFE # 026722071

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 201H

AFE # 026722071

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMOLIBIZE | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722062

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| | | | | |
|--------------------|--------------------------------|----------|-----------------|-----------|
| Exploration Region | Well Name | Prospect | Property Number | AFE |
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 102H | | 411354300 | 026722062 |

| | | | |
|---------------|--|----------------|----------------------|
| County, State | Location | Estimated Spud | Estimated Completion |
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| | | | | |
|---|-----------------|-----------|--------------------|--------------------|
| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
| <input type="checkbox"/> Supplement | 1ST BONE SPRING | | 19,520 | 9,520 |
| <input type="checkbox"/> Revision | | | | |

Purpose Drill and complete well

Description

| | |
|------------------------------|--------------------|
| Intangible | Cost |
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| | |
|----------------------------|--------------------|
| Tangible | Cost |
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement. 8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 102H

AFE # 026722062

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 102H

AFE # 026722062

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 102H

AFE # 026722062

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722057

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|--------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 203H | | 411354295 | 026722057 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--|----------------|----------------------|
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| <input checked="" type="checkbox"/> New Supplement Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 2nd Bone Spring | | 20,300 | 10,300 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 203H

AFE # 026722057

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total | Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|-------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | | 9,651,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 203H

AFE # 026722057

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 203H

AFE # 026722057

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722074

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 204H | | 411354282 | 026722074 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 5/27/2024 | |

| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| <input type="checkbox"/> Supplement | 2nd Bone Spring | | 20,320 | 10,320 |
| <input type="checkbox"/> Revision | | | | |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 204H

AFE # 026722074

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 204H

AFE # 026722074

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 204H

AFE # 026722074

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|----------------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | | 212,193 | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | | 30,000 | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | | 242,193 | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722061

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| | | | | |
|--------------------|--------------------------------|----------|-----------------|-----------|
| Exploration Region | Well Name | Prospect | Property Number | AFE |
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 101H | | 411354301 | 026722061 |

| | | | |
|---------------|--|----------------|----------------------|
| County, State | Location | Estimated Spud | Estimated Completion |
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| | | | | |
|---|-----------------|-----------|--------------------|--------------------|
| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
| <input type="checkbox"/> Supplement | 1ST BONE SPRING | | 19,520 | 9,520 |
| <input type="checkbox"/> Revision | | | | |

Purpose Drill and complete well

Description

| | |
|------------------------------|--------------------|
| Intangible | Cost |
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| | |
|----------------------------|--------------------|
| Tangible | Cost |
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 101H

AFE # 026722061

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 101H

AFE # 026722061

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 101H

AFE # 026722061

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|----------------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | | 212,193 | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | | 30,000 | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | | 242,193 | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # PAF0000106

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| | | | | |
|--------------------|--------------------------------|----------|-----------------|------------|
| Exploration Region | Well Name | Prospect | Property Number | AFE |
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 212H | | 411504574 | PAF0000106 |

| | | | |
|---------------|--------------------------|----------------|----------------------|
| County, State | Location | Estimated Spud | Estimated Completion |
| LEA, NM | Sections 4 and 9 20S-34E | 5/27/2024 | |

| | | | | |
|---|-------------|-----------|--------------------|--------------------|
| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
| <input type="checkbox"/> Supplement | BONE SPRING | | 19,600 | 10,000 |
| <input type="checkbox"/> Revision | | | | |

Purpose Loosey Goosey 4-9 Fed Com 212H

Description

| | |
|------------------------------|--------------------|
| Intangible | Cost |
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| | |
|----------------------------|--------------------|
| Tangible | Cost |
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 212H

AFE # PAF0000106

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 212H

AFE # PAF0000106

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 212H

AFE # PAF0000106

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722056

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|--------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 104H | | 411354298 | 026722056 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--|----------------|----------------------|
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| <input checked="" type="checkbox"/> New <input type="checkbox"/> Supplement <input type="checkbox"/> Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 1ST BONE SPRING | | 19,520 | 9,520 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 104H

AFE # 026722056

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total | Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|-------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | | 9,651,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 104H

AFE # 026722056

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 104H

AFE # 026722056

| Description | Production Equip | | | Post Completion | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 | |
| DRILLING RIG | | | | | 758,000 | |
| CASING CREW | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | 45,000 | |
| DRILL BITS | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 | |
| PRIMARY CEMENTING | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | 104,000 | |
| CONDUCTOR PIPE | | | | | 6,000 | |
| SURFACE CASING | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | 59,000 | |
| WATER STRING CASING | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722072

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 202H | | 411354284 | 026722072 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 5/27/2024 | |

| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| <input type="checkbox"/> Supplement | 2nd Bone Spring | | 20,320 | 10,320 |
| <input type="checkbox"/> Revision | | | | |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 202H

AFE # 026722072

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 202H

AFE # 026722072

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 202H

AFE # 026722072

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMOLIBIZE | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722058

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|--------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 204H | | 411354294 | 026722058 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--|----------------|----------------------|
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| <input checked="" type="checkbox"/> New Supplement Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 2nd Bone Spring | | 20,300 | 10,300 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 204H

AFE # 026722058

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 204H

AFE # 026722058

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 204H

AFE # 026722058

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722067

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 101H | | 411354289 | 026722067 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 5/27/2024 | |

| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| <input type="checkbox"/> Supplement | 1ST BONE SPRING | | 19,515 | 9,515 |
| <input type="checkbox"/> Revision | | | | |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

1. All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 101H

AFE # 026722067

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 101H

AFE # 026722067

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 101H

AFE # 026722067

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722065

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|--------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 301H | | 411354293 | 026722065 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--|----------------|----------------------|
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| <input checked="" type="checkbox"/> New Supplement Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 3rd Bone Spring | | 20,850 | 10,850 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,866,618 |
| Total Intangible Cost | \$7,841,618 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,780,375 |
| Total Tangible Cost | \$2,780,375 |

Total Well Cost \$10,621,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 301H

AFE # 026722065

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|------------------|-----------------|----------------|-------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 2,056 | | | 22,056 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 34,883 | | | 134,883 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 18,928 | 0334.0040 | 5,000 | 157,928 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 2,001 | 0334.0096 | 60,000 | 290,001 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 22,714 | 0334.0116 | 0 | 202,714 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 27,312 | | | 42,312 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 107,462 | 0334.0190 | 0 | 438,462 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 150,727 | | | 150,727 |
| AUTOMATION LABOR | | | | | 0336.0043 | 44,672 | 0334.0043 | 0 | 44,672 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 12,277 | | | 12,277 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 101,729 | | | 101,729 |
| FL/GL - LABOR | | | | | 0336.0108 | 56,083 | | | 56,083 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 10,816 | | | 10,816 |
| SURVEY | | | | | 0336.0112 | 5,246 | | | 5,246 |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | 0336.0144 | 75,716 | | | 75,716 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 35,803 | | | 35,803 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 708,425 | | 212,193 | 7,841,618 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 157,110 | 0334.0303 | 0 | 157,110 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 160,409 | 0334.0315 | 0 | 160,409 |
| TANKS, STEPS, STAIRS | | | | | 0336.0317 | 74,039 | | | 74,039 |
| METERING EQUIPMENT | | | | | 0336.0321 | 24,445 | | | 24,445 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 45,970 | | | 45,970 |
| FACILITY ELECTRICAL | | | | | 0336.0324 | 66,034 | | | 66,034 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 23,256 | | | 23,256 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,956 | | | 19,956 |
| SHORT ORDERS | | | | | 0336.0332 | 4,326 | | | 4,326 |
| PUMPS | | | | | 0336.0333 | 33,585 | | | 33,585 |
| WALKOVERS | | | | | 0336.0334 | 6,490 | | | 6,490 |
| BATTERY (HTR, TRTR, SEPAR, GAS T) | | | | | 0336.0335 | 240,288 | | | 240,288 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 9,843 | | | 9,843 |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | 0336.0337 | 45,430 | | | 45,430 |
| TELECOMMUNICATION EQUIPMENT | | | | | 0336.0338 | 324 | | | 324 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 30,070 | | | 30,070 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 941,575 | | 30,000 | 2,780,375 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 1,650,000 | | 242,193 | 10,621,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 301H

AFE # 026722065

| Description | Drilling | | | Comp/Stim | | |
|------------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| TANKS, STEPS, STAIRS | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| FACILITY ELECTRICAL | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| PUMPS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | | |
| TELECOMMUNICATION EQUIPMENT | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 301H

AFE # 026722065

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|------------------|-----------|-----------------|----------------|-------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 2,056 | | | | 22,056 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 34,883 | | | | 134,883 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 18,928 | 0334.0040 | 5,000 | | 157,928 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 2,001 | 0334.0096 | 60,000 | | 290,001 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 22,714 | 0334.0116 | 0 | | 202,714 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 27,312 | | | | 42,312 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 107,462 | 0334.0190 | 0 | | 438,462 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 150,727 | | | | 150,727 | |
| AUTOMATION LABOR | 0336.0043 | 44,672 | 0334.0043 | 0 | | 44,672 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 12,277 | | | | 12,277 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 101,729 | | | | 101,729 | |
| FL/GL - LABOR | 0336.0108 | 56,083 | | | | 56,083 | |
| FL/GL - SUPERVISION | 0336.0109 | 10,816 | | | | 10,816 | |
| SURVEY | 0336.0112 | 5,246 | | | | 5,246 | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | 0336.0144 | 75,716 | | | | 75,716 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 35,803 | | | | 35,803 | |
| Total Intangible Cost: | | 708,425 | | | 212,193 | 7,841,618 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 157,110 | 0334.0303 | 0 | | 157,110 | |
| GATHERING/FLOWLINES | 0336.0315 | 160,409 | 0334.0315 | 0 | | 160,409 | |
| TANKS, STEPS, STAIRS | 0336.0317 | 74,039 | | | | 74,039 | |
| METERING EQUIPMENT | 0336.0321 | 24,445 | | | | 24,445 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 45,970 | | | | 45,970 | |
| FACILITY ELECTRICAL | 0336.0324 | 66,034 | | | | 66,034 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 23,256 | | | | 23,256 | |
| FL/GL - MATERIALS | 0336.0331 | 19,956 | | | | 19,956 | |
| SHORT ORDERS | 0336.0332 | 4,326 | | | | 4,326 | |
| PUMPS | 0336.0333 | 33,585 | | | | 33,585 | |
| WALKOVERS | 0336.0334 | 6,490 | | | | 6,490 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 240,288 | | | | 240,288 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 9,843 | | | | 9,843 | |
| OVERHEAD POWER DISTR (TO FACILITY) | 0336.0337 | 45,430 | | | | 45,430 | |
| TELECOMMUNICATION EQUIPMENT | 0336.0338 | 324 | | | | 324 | |
| FACILITY LINE PIPE | 0336.0339 | 30,070 | | | | 30,070 | |
| Total Tangible Cost: | | 941,575 | | 30,000 | | 2,780,375 | |
| Total Estimated Cost | | 1,650,000 | | 242,193 | | 10,621,993 | |



Authorization For Expenditure Drilling

AFE # 026722060

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|--------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 304H | | 411354290 | 026722060 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--|----------------|----------------------|
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| <input checked="" type="checkbox"/> New Supplement Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 3rd Bone Spring | | 20,820 | 10,820 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,866,618 |
| Total Intangible Cost | \$7,841,618 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,780,375 |
| Total Tangible Cost | \$2,780,375 |

Total Well Cost \$10,621,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 304H

AFE # 026722060

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|------------------|-----------------|----------------|-------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 2,056 | | | 22,056 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 34,883 | | | 134,883 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 18,928 | 0334.0040 | 5,000 | 157,928 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 2,001 | 0334.0096 | 60,000 | 290,001 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 22,714 | 0334.0116 | 0 | 202,714 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 27,312 | | | 42,312 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 107,462 | 0334.0190 | 0 | 438,462 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 150,727 | | | 150,727 |
| AUTOMATION LABOR | | | | | 0336.0043 | 44,672 | 0334.0043 | 0 | 44,672 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 12,277 | | | 12,277 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 101,729 | | | 101,729 |
| FL/GL - LABOR | | | | | 0336.0108 | 56,083 | | | 56,083 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 10,816 | | | 10,816 |
| SURVEY | | | | | 0336.0112 | 5,246 | | | 5,246 |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | 0336.0144 | 75,716 | | | 75,716 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 35,803 | | | 35,803 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 708,425 | | 212,193 | 7,841,618 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 157,110 | 0334.0303 | 0 | 157,110 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 160,409 | 0334.0315 | 0 | 160,409 |
| TANKS, STEPS, STAIRS | | | | | 0336.0317 | 74,039 | | | 74,039 |
| METERING EQUIPMENT | | | | | 0336.0321 | 24,445 | | | 24,445 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 45,970 | | | 45,970 |
| FACILITY ELECTRICAL | | | | | 0336.0324 | 66,034 | | | 66,034 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 23,256 | | | 23,256 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,956 | | | 19,956 |
| SHORT ORDERS | | | | | 0336.0332 | 4,326 | | | 4,326 |
| PUMPS | | | | | 0336.0333 | 33,585 | | | 33,585 |
| WALKOVERS | | | | | 0336.0334 | 6,490 | | | 6,490 |
| BATTERY (HTR, TRTR, SEPAR, GAS T) | | | | | 0336.0335 | 240,288 | | | 240,288 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 9,843 | | | 9,843 |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | 0336.0337 | 45,430 | | | 45,430 |
| TELECOMMUNICATION EQUIPMENT | | | | | 0336.0338 | 324 | | | 324 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 30,070 | | | 30,070 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 941,575 | | 30,000 | 2,780,375 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 1,650,000 | | 242,193 | 10,621,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 304H

AFE # 026722060

| Description | Drilling | | | Comp/Stim | | |
|------------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| TANKS, STEPS, STAIRS | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| FACILITY ELECTRICAL | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| PUMPS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | | |
| TELECOMMUNICATION EQUIPMENT | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 304H

AFE # 026722060

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|------------------|-----------|-----------------|----------------|-------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 2,056 | | | | 22,056 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 34,883 | | | | 134,883 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMOLIBIZE | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 18,928 | 0334.0040 | 5,000 | | 157,928 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 2,001 | 0334.0096 | 60,000 | | 290,001 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 22,714 | 0334.0116 | 0 | | 202,714 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 27,312 | | | | 42,312 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 107,462 | 0334.0190 | 0 | | 438,462 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 150,727 | | | | 150,727 | |
| AUTOMATION LABOR | 0336.0043 | 44,672 | 0334.0043 | 0 | | 44,672 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 12,277 | | | | 12,277 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 101,729 | | | | 101,729 | |
| FL/GL - LABOR | 0336.0108 | 56,083 | | | | 56,083 | |
| FL/GL - SUPERVISION | 0336.0109 | 10,816 | | | | 10,816 | |
| SURVEY | 0336.0112 | 5,246 | | | | 5,246 | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | 0336.0144 | 75,716 | | | | 75,716 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 35,803 | | | | 35,803 | |
| Total Intangible Cost: | | 708,425 | | | 212,193 | 7,841,618 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 157,110 | 0334.0303 | 0 | | 157,110 | |
| GATHERING/FLOWLINES | 0336.0315 | 160,409 | 0334.0315 | 0 | | 160,409 | |
| TANKS, STEPS, STAIRS | 0336.0317 | 74,039 | | | | 74,039 | |
| METERING EQUIPMENT | 0336.0321 | 24,445 | | | | 24,445 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 45,970 | | | | 45,970 | |
| FACILITY ELECTRICAL | 0336.0324 | 66,034 | | | | 66,034 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 23,256 | | | | 23,256 | |
| FL/GL - MATERIALS | 0336.0331 | 19,956 | | | | 19,956 | |
| SHORT ORDERS | 0336.0332 | 4,326 | | | | 4,326 | |
| PUMPS | 0336.0333 | 33,585 | | | | 33,585 | |
| WALKOVERS | 0336.0334 | 6,490 | | | | 6,490 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 240,288 | | | | 240,288 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 9,843 | | | | 9,843 | |
| OVERHEAD POWER DISTR (TO FACILITY) | 0336.0337 | 45,430 | | | | 45,430 | |
| TELECOMMUNICATION EQUIPMENT | 0336.0338 | 324 | | | | 324 | |
| FACILITY LINE PIPE | 0336.0339 | 30,070 | | | | 30,070 | |
| Total Tangible Cost: | | 941,575 | | 30,000 | | 2,780,375 | |
| Total Estimated Cost | | 1,650,000 | | 242,193 | | 10,621,993 | |



Authorization For Expenditure Drilling

AFE # 026722075

Company Entity

CIMAREX ENERGY CO (999901)

Date Prepared

8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 301H | | 411354281 | 026722075 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 5/27/2024 | |

| <input checked="" type="checkbox"/> New <input type="checkbox"/> Supplement <input type="checkbox"/> Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 3rd Bone Spring | | 20,870 | 10,870 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,866,618 |
| Total Intangible Cost | \$7,841,618 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,780,375 |
| Total Tangible Cost | \$2,780,375 |

Total Well Cost \$10,621,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 301H

AFE # 026722075

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|------------------|-----------------|----------------|-------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 2,056 | | | 22,056 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 34,883 | | | 134,883 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 18,928 | 0334.0040 | 5,000 | 157,928 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 2,001 | 0334.0096 | 60,000 | 290,001 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 22,714 | 0334.0116 | 0 | 202,714 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 27,312 | | | 42,312 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 107,462 | 0334.0190 | 0 | 438,462 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 150,727 | | | 150,727 |
| AUTOMATION LABOR | | | | | 0336.0043 | 44,672 | 0334.0043 | 0 | 44,672 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 12,277 | | | 12,277 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 101,729 | | | 101,729 |
| FL/GL - LABOR | | | | | 0336.0108 | 56,083 | | | 56,083 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 10,816 | | | 10,816 |
| SURVEY | | | | | 0336.0112 | 5,246 | | | 5,246 |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | 0336.0144 | 75,716 | | | 75,716 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 35,803 | | | 35,803 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 708,425 | | 212,193 | 7,841,618 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 157,110 | 0334.0303 | 0 | 157,110 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 160,409 | 0334.0315 | 0 | 160,409 |
| TANKS, STEPS, STAIRS | | | | | 0336.0317 | 74,039 | | | 74,039 |
| METERING EQUIPMENT | | | | | 0336.0321 | 24,445 | | | 24,445 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 45,970 | | | 45,970 |
| FACILITY ELECTRICAL | | | | | 0336.0324 | 66,034 | | | 66,034 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 23,256 | | | 23,256 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,956 | | | 19,956 |
| SHORT ORDERS | | | | | 0336.0332 | 4,326 | | | 4,326 |
| PUMPS | | | | | 0336.0333 | 33,585 | | | 33,585 |
| WALKOVERS | | | | | 0336.0334 | 6,490 | | | 6,490 |
| BATTERY (HTR, TRTR, SEPAR, GAS T) | | | | | 0336.0335 | 240,288 | | | 240,288 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 9,843 | | | 9,843 |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | 0336.0337 | 45,430 | | | 45,430 |
| TELECOMMUNICATION EQUIPMENT | | | | | 0336.0338 | 324 | | | 324 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 30,070 | | | 30,070 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 941,575 | | 30,000 | 2,780,375 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 1,650,000 | | 242,193 | 10,621,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 301H

AFE # 026722075

| Description | Drilling | | | Comp/Stim | | |
|------------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| TANKS, STEPS, STAIRS | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| FACILITY ELECTRICAL | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| PUMPS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | | |
| TELECOMMUNICATION EQUIPMENT | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 301H

AFE # 026722075

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|------------------|-----------|-----------------|----------------|-------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 2,056 | | | | 22,056 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 34,883 | | | | 134,883 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMOLIBIZE | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 18,928 | 0334.0040 | 5,000 | | 157,928 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 2,001 | 0334.0096 | 60,000 | | 290,001 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 22,714 | 0334.0116 | 0 | | 202,714 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 27,312 | | | | 42,312 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 107,462 | 0334.0190 | 0 | | 438,462 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 150,727 | | | | 150,727 | |
| AUTOMATION LABOR | 0336.0043 | 44,672 | 0334.0043 | 0 | | 44,672 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 12,277 | | | | 12,277 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 101,729 | | | | 101,729 | |
| FL/GL - LABOR | 0336.0108 | 56,083 | | | | 56,083 | |
| FL/GL - SUPERVISION | 0336.0109 | 10,816 | | | | 10,816 | |
| SURVEY | 0336.0112 | 5,246 | | | | 5,246 | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | 0336.0144 | 75,716 | | | | 75,716 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 35,803 | | | | 35,803 | |
| Total Intangible Cost: | | 708,425 | | | 212,193 | 7,841,618 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 157,110 | 0334.0303 | 0 | | 157,110 | |
| GATHERING/FLOWLINES | 0336.0315 | 160,409 | 0334.0315 | 0 | | 160,409 | |
| TANKS, STEPS, STAIRS | 0336.0317 | 74,039 | | | | 74,039 | |
| METERING EQUIPMENT | 0336.0321 | 24,445 | | | | 24,445 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 45,970 | | | | 45,970 | |
| FACILITY ELECTRICAL | 0336.0324 | 66,034 | | | | 66,034 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 23,256 | | | | 23,256 | |
| FL/GL - MATERIALS | 0336.0331 | 19,956 | | | | 19,956 | |
| SHORT ORDERS | 0336.0332 | 4,326 | | | | 4,326 | |
| PUMPS | 0336.0333 | 33,585 | | | | 33,585 | |
| WALKOVERS | 0336.0334 | 6,490 | | | | 6,490 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 240,288 | | | | 240,288 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 9,843 | | | | 9,843 | |
| OVERHEAD POWER DISTR (TO FACILITY) | 0336.0337 | 45,430 | | | | 45,430 | |
| TELECOMMUNICATION EQUIPMENT | 0336.0338 | 324 | | | | 324 | |
| FACILITY LINE PIPE | 0336.0339 | 30,070 | | | | 30,070 | |
| Total Tangible Cost: | | 941,575 | | 30,000 | | 2,780,375 | |
| Total Estimated Cost | | 1,650,000 | | 242,193 | | 10,621,993 | |



Authorization For Expenditure Drilling

AFE # 026722076

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 302H | | 411354280 | 026722076 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 5/27/2024 | |

| <input checked="" type="checkbox"/> New <input type="checkbox"/> Supplement <input type="checkbox"/> Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 3rd Bone Spring | | 20,870 | 10,870 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,866,618 |
| Total Intangible Cost | \$7,841,618 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,780,375 |
| Total Tangible Cost | \$2,780,375 |

Total Well Cost \$10,621,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 302H

AFE # 026722076

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|------------------|-----------------|----------------|-------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 2,056 | | | 22,056 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 34,883 | | | 134,883 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 18,928 | 0334.0040 | 5,000 | 157,928 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 2,001 | 0334.0096 | 60,000 | 290,001 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 22,714 | 0334.0116 | 0 | 202,714 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 27,312 | | | 42,312 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 107,462 | 0334.0190 | 0 | 438,462 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 150,727 | | | 150,727 |
| AUTOMATION LABOR | | | | | 0336.0043 | 44,672 | 0334.0043 | 0 | 44,672 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 12,277 | | | 12,277 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 101,729 | | | 101,729 |
| FL/GL - LABOR | | | | | 0336.0108 | 56,083 | | | 56,083 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 10,816 | | | 10,816 |
| SURVEY | | | | | 0336.0112 | 5,246 | | | 5,246 |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | 0336.0144 | 75,716 | | | 75,716 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 35,803 | | | 35,803 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 708,425 | | 212,193 | 7,841,618 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 157,110 | 0334.0303 | 0 | 157,110 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 160,409 | 0334.0315 | 0 | 160,409 |
| TANKS, STEPS, STAIRS | | | | | 0336.0317 | 74,039 | | | 74,039 |
| METERING EQUIPMENT | | | | | 0336.0321 | 24,445 | | | 24,445 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 45,970 | | | 45,970 |
| FACILITY ELECTRICAL | | | | | 0336.0324 | 66,034 | | | 66,034 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 23,256 | | | 23,256 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,956 | | | 19,956 |
| SHORT ORDERS | | | | | 0336.0332 | 4,326 | | | 4,326 |
| PUMPS | | | | | 0336.0333 | 33,585 | | | 33,585 |
| WALKOVERS | | | | | 0336.0334 | 6,490 | | | 6,490 |
| BATTERY (HTR, TRTR, SEPAR, GAS T) | | | | | 0336.0335 | 240,288 | | | 240,288 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 9,843 | | | 9,843 |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | 0336.0337 | 45,430 | | | 45,430 |
| TELECOMMUNICATION EQUIPMENT | | | | | 0336.0338 | 324 | | | 324 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 30,070 | | | 30,070 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 941,575 | | 30,000 | 2,780,375 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 1,650,000 | | 242,193 | 10,621,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 302H

AFE # 026722076

| Description | Drilling | | | Comp/Stim | | |
|------------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| TANKS, STEPS, STAIRS | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| FACILITY ELECTRICAL | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| PUMPS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | | |
| TELECOMMUNICATION EQUIPMENT | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 302H

AFE # 026722076

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|------------------|-----------|-----------------|----------------|-------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 2,056 | | | | 22,056 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 34,883 | | | | 134,883 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMOLIBIZE | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 18,928 | 0334.0040 | 5,000 | | 157,928 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 2,001 | 0334.0096 | 60,000 | | 290,001 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 22,714 | 0334.0116 | 0 | | 202,714 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 27,312 | | | | 42,312 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 107,462 | 0334.0190 | 0 | | 438,462 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 150,727 | | | | 150,727 | |
| AUTOMATION LABOR | 0336.0043 | 44,672 | 0334.0043 | 0 | | 44,672 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 12,277 | | | | 12,277 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 101,729 | | | | 101,729 | |
| FL/GL - LABOR | 0336.0108 | 56,083 | | | | 56,083 | |
| FL/GL - SUPERVISION | 0336.0109 | 10,816 | | | | 10,816 | |
| SURVEY | 0336.0112 | 5,246 | | | | 5,246 | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | 0336.0144 | 75,716 | | | | 75,716 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 35,803 | | | | 35,803 | |
| Total Intangible Cost: | | 708,425 | | | 212,193 | 7,841,618 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 157,110 | 0334.0303 | 0 | | 157,110 | |
| GATHERING/FLOWLINES | 0336.0315 | 160,409 | 0334.0315 | 0 | | 160,409 | |
| TANKS, STEPS, STAIRS | 0336.0317 | 74,039 | | | | 74,039 | |
| METERING EQUIPMENT | 0336.0321 | 24,445 | | | | 24,445 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 45,970 | | | | 45,970 | |
| FACILITY ELECTRICAL | 0336.0324 | 66,034 | | | | 66,034 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 23,256 | | | | 23,256 | |
| FL/GL - MATERIALS | 0336.0331 | 19,956 | | | | 19,956 | |
| SHORT ORDERS | 0336.0332 | 4,326 | | | | 4,326 | |
| PUMPS | 0336.0333 | 33,585 | | | | 33,585 | |
| WALKOVERS | 0336.0334 | 6,490 | | | | 6,490 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 240,288 | | | | 240,288 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 9,843 | | | | 9,843 | |
| OVERHEAD POWER DISTR (TO FACILITY) | 0336.0337 | 45,430 | | | | 45,430 | |
| TELECOMMUNICATION EQUIPMENT | 0336.0338 | 324 | | | | 324 | |
| FACILITY LINE PIPE | 0336.0339 | 30,070 | | | | 30,070 | |
| Total Tangible Cost: | | 941,575 | | 30,000 | | 2,780,375 | |
| Total Estimated Cost | | 1,650,000 | | 242,193 | | 10,621,993 | |



Authorization For Expenditure Drilling

AFE # 026722070

Company Entity
 CIMAREX ENERGY CO (999901)

Date Prepared
 8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 104H | | 411354286 | 026722070 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|---|----------------|----------------------|
| Lea, NM | Section 5, Township 20 South, Range 34 East, Lea County, NM | 5/27/2024 | |

| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| <input type="checkbox"/> Supplement | 1ST BONE SPRING | | 19,515 | 9,515 |
| <input type="checkbox"/> Revision | | | | |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 104H

AFE # 026722070

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | Cost |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 104H

AFE # 026722070

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 104H

AFE # 026722070

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |



Authorization For Expenditure Drilling

AFE # 026722059

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|--------------------------------|----------|-----------------|-----------|
| PERMIAN BASIN | LOOSEY GOOSEY 4-9 FED COM 303H | | 411354291 | 026722059 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--|----------------|----------------------|
| Lea, NM | Section 33, Township 19 South, Range 34 East | 5/27/2024 | |

| <input checked="" type="checkbox"/> New Supplement Revision | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-----------------|-----------|--------------------|--------------------|
| | 3rd Bone Spring | | 20,850 | 10,850 |

Purpose Drill and complete well

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,866,618 |
| Total Intangible Cost | \$7,841,618 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,780,375 |
| Total Tangible Cost | \$2,780,375 |

Total Well Cost \$10,621,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 303H

AFE # 026722059

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|------------------|-----------------|----------------|-------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 2,056 | | | 22,056 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 34,883 | | | 134,883 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 18,928 | 0334.0040 | 5,000 | 157,928 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 2,001 | 0334.0096 | 60,000 | 290,001 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 22,714 | 0334.0116 | 0 | 202,714 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 27,312 | | | 42,312 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 107,462 | 0334.0190 | 0 | 438,462 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 150,727 | | | 150,727 |
| AUTOMATION LABOR | | | | | 0336.0043 | 44,672 | 0334.0043 | 0 | 44,672 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 12,277 | | | 12,277 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 101,729 | | | 101,729 |
| FL/GL - LABOR | | | | | 0336.0108 | 56,083 | | | 56,083 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 10,816 | | | 10,816 |
| SURVEY | | | | | 0336.0112 | 5,246 | | | 5,246 |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | 0336.0144 | 75,716 | | | 75,716 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 35,803 | | | 35,803 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 708,425 | | 212,193 | 7,841,618 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 157,110 | 0334.0303 | 0 | 157,110 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 160,409 | 0334.0315 | 0 | 160,409 |
| TANKS, STEPS, STAIRS | | | | | 0336.0317 | 74,039 | | | 74,039 |
| METERING EQUIPMENT | | | | | 0336.0321 | 24,445 | | | 24,445 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 45,970 | | | 45,970 |
| FACILITY ELECTRICAL | | | | | 0336.0324 | 66,034 | | | 66,034 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 23,256 | | | 23,256 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,956 | | | 19,956 |
| SHORT ORDERS | | | | | 0336.0332 | 4,326 | | | 4,326 |
| PUMPS | | | | | 0336.0333 | 33,585 | | | 33,585 |
| WALKOVERS | | | | | 0336.0334 | 6,490 | | | 6,490 |
| BATTERY (HTR, TRTR, SEPAR, GAS T) | | | | | 0336.0335 | 240,288 | | | 240,288 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 9,843 | | | 9,843 |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | 0336.0337 | 45,430 | | | 45,430 |
| TELECOMMUNICATION EQUIPMENT | | | | | 0336.0338 | 324 | | | 324 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 30,070 | | | 30,070 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 941,575 | | 30,000 | 2,780,375 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 1,650,000 | | 242,193 | 10,621,993 |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 303H

AFE # 026722059

| Description | Drilling | | | Comp/Stim | | |
|------------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| TANKS, STEPS, STAIRS | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| FACILITY ELECTRICAL | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| PUMPS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| OVERHEAD POWER DISTR (TO FACILITY) | | | | | | |
| TELECOMMUNICATION EQUIPMENT | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED
COM 303H

AFE # 026722059

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|------------------|-----------|-----------------|----------------|-------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 2,056 | | | | 22,056 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 34,883 | | | | 134,883 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMobilize | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 18,928 | 0334.0040 | 5,000 | | 157,928 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 2,001 | 0334.0096 | 60,000 | | 290,001 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 22,714 | 0334.0116 | 0 | | 202,714 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 27,312 | | | | 42,312 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 107,462 | 0334.0190 | 0 | | 438,462 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 150,727 | | | | 150,727 | |
| AUTOMATION LABOR | 0336.0043 | 44,672 | 0334.0043 | 0 | | 44,672 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 12,277 | | | | 12,277 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 101,729 | | | | 101,729 | |
| FL/GL - LABOR | 0336.0108 | 56,083 | | | | 56,083 | |
| FL/GL - SUPERVISION | 0336.0109 | 10,816 | | | | 10,816 | |
| SURVEY | 0336.0112 | 5,246 | | | | 5,246 | |
| AID IN CONSTRUCT/3RD PARTY CONNECT | 0336.0144 | 75,716 | | | | 75,716 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 35,803 | | | | 35,803 | |
| Total Intangible Cost: | | 708,425 | | | 212,193 | 7,841,618 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 157,110 | 0334.0303 | 0 | | 157,110 | |
| GATHERING/FLOWLINES | 0336.0315 | 160,409 | 0334.0315 | 0 | | 160,409 | |
| TANKS, STEPS, STAIRS | 0336.0317 | 74,039 | | | | 74,039 | |
| METERING EQUIPMENT | 0336.0321 | 24,445 | | | | 24,445 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 45,970 | | | | 45,970 | |
| FACILITY ELECTRICAL | 0336.0324 | 66,034 | | | | 66,034 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 23,256 | | | | 23,256 | |
| FL/GL - MATERIALS | 0336.0331 | 19,956 | | | | 19,956 | |
| SHORT ORDERS | 0336.0332 | 4,326 | | | | 4,326 | |
| PUMPS | 0336.0333 | 33,585 | | | | 33,585 | |
| WALKOVERS | 0336.0334 | 6,490 | | | | 6,490 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 240,288 | | | | 240,288 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 9,843 | | | | 9,843 | |
| OVERHEAD POWER DISTR (TO FACILITY) | 0336.0337 | 45,430 | | | | 45,430 | |
| TELECOMMUNICATION EQUIPMENT | 0336.0338 | 324 | | | | 324 | |
| FACILITY LINE PIPE | 0336.0339 | 30,070 | | | | 30,070 | |
| Total Tangible Cost: | | 941,575 | | 30,000 | | 2,780,375 | |
| Total Estimated Cost | | 1,650,000 | | 242,193 | | 10,621,993 | |



Authorization For Expenditure Drilling

AFE # PAF0000103

Company Entity
CIMAREX ENERGY CO (999901)

Date Prepared
8/2/2023

| Exploration Region | Well Name | Prospect | Property Number | AFE |
|--------------------|----------------------------------|----------|-----------------|------------|
| PERMIAN BASIN | MIGHTY PHEASANT 5-8 FED COM 212H | | 411504568 | PAF0000103 |

| County, State | Location | Estimated Spud | Estimated Completion |
|---------------|--------------------------|----------------|----------------------|
| LEA, NM | Sections 5 and 8 20S-34E | 5/27/2024 | |

| <input checked="" type="checkbox"/> New | Formation | Well Type | Ttl Measured Depth | Ttl Vertical Depth |
|---|-------------|-----------|--------------------|--------------------|
| <input type="checkbox"/> Supplement | Bone Spring | | 19,600 | 10,000 |
| <input type="checkbox"/> Revision | | | | |

Purpose: Mighty Pheasant 5-8 Fed Com 212H

Description

| Intangible | Cost |
|------------------------------|--------------------|
| Drilling Costs | \$2,975,000 |
| Completion Costs | \$4,479,927 |
| Total Intangible Cost | \$7,454,927 |

| Tangible | Cost |
|----------------------------|--------------------|
| Tangible | \$2,197,066 |
| Total Tangible Cost | \$2,197,066 |

Total Well Cost \$9,651,993

Comments On Well Costs

- All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurance procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all of the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

I elect to take my gas in kind.

I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

| Company | Approved By (Print Name) | Approved By (Signature) | Date |
|---------|--------------------------|-------------------------|------|
| | | | |

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

8/2/2023

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 212H

AFE # PAF0000103

| Description | Drilling | | Comp/Stim | | Production Equip | | Post Completion | | Total Cost |
|--------------------------------------|-----------|------------------|-----------|------------------|------------------|----------------|-----------------|----------------|------------------|
| | Codes | Amount | Codes | Amount | Codes | Amount | Codes | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | 0336.0002 | 0 | | | 10,000 |
| DAMAGES | 0331.0005 | 20,000 | | | 0336.0005 | 0 | | | 20,000 |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | 10,000 | | | 0334.0024 | 3,000 | 13,000 |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | 0336.0030 | 5,334 | | | 105,334 |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | | | | 20,000 |
| RIG MOBILIZE/DEMOLIBLIZE | 0331.0035 | 110,000 | | | | | | | 110,000 |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | 44,000 | 0336.0040 | 14,400 | 0334.0040 | 5,000 | 153,400 |
| DRILLING RIG | 0331.0050 | 758,000 | | | | | | | 758,000 |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | 0 | | | | | 43,000 |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | 4,000 | | | 0334.0056 | 0 | 64,000 |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | 0 | | | 0334.0059 | 5,000 | 30,000 |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | 0 | | | 0334.0071 | 0 | 87,000 |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | 0331.0073 | 25,000 | 0333.0073 | 20,000 | | | 0334.0073 | 0 | 45,000 |
| DRILL BITS | 0331.0080 | 62,000 | | | | | | | 62,000 |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | | | | 285,000 |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | | | | 319,000 |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | 45,000 | | | 0334.0095 | 0 | 186,000 |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | 130,000 | 0336.0096 | 3,333 | 0334.0096 | 60,000 | 291,333 |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | | | | 35,000 |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | 109,000 | 0336.0116 | 14,400 | 0334.0116 | 0 | 194,400 |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | | | | 243,000 |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | 136,000 | | | 0334.0130 | 0 | 226,000 |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | 0 | 0336.0142 | 16,533 | | | 31,533 |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | 52,000 | | | | | 177,000 |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0331.0190 | 143,000 | 0333.0190 | 188,000 | 0336.0190 | 31,867 | 0334.0190 | 0 | 362,867 |
| STIMULATION FLUID | | | 0333.0083 | 155,000 | | | 0334.0083 | 0 | 155,000 |
| FRAC TREE RENTAL | | | 0333.0098 | 60,000 | | | 0334.0098 | 0 | 60,000 |
| FLOWBACK SERVICES | | | 0333.0102 | 0 | | | 0334.0102 | 30,000 | 30,000 |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | 40,000 | | | 0334.0110 | 0 | 40,000 |
| STIMULATION/FRACTURING | | | 0333.0135 | 2,481,000 | | | 0334.0135 | 0 | 2,481,000 |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | 283,000 | | | 0334.0136 | 0 | 283,000 |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | 21,000 | | | 0334.0150 | 0 | 21,000 |
| COIL TUBING SERVICES | | | 0333.0151 | 168,000 | | | 0334.0151 | 0 | 168,000 |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | | 0334.0172 | 109,193 | 109,193 |
| MECHANICAL LABOR | | | | | 0336.0042 | 88,400 | | | 88,400 |
| AUTOMATION LABOR | | | | | 0336.0043 | 31,733 | 0334.0043 | 0 | 31,733 |
| IPC & EXTERNAL PAINTING | | | | | 0336.0106 | 16,400 | | | 16,400 |
| FL/GL - ON PAD LABOR | | | | | 0336.0107 | 84,000 | | | 84,000 |
| FL/GL - SUPERVISION | | | | | 0336.0109 | 11,867 | | | 11,867 |
| SURVEY | | | | | 0336.0112 | 1,467 | | | 1,467 |
| CONTINGENCY - PIPELINE | | | | | 0336.0191 | 2,000 | | | 2,000 |
| Total Intangible Cost | | 2,975,000 | | 3,946,000 | | 321,734 | | 212,193 | 7,454,927 |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | 38,000 | | | 0334.0202 | 10,000 | 104,000 |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | | | | 6,000 |
| SURFACE CASING | 0331.0207 | 277,000 | | | | | | | 277,000 |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | | | | 781,800 |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | 0 | | | | | 245,000 |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | 0 | | | 0334.0215 | 0 | 59,000 |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | | | | 70,000 |
| TUBING | | | 0333.0201 | 276,000 | | | 0334.0201 | 0 | 276,000 |
| SURFACE EQUIPMENT | | | | | | | 0334.0203 | 15,000 | 15,000 |
| WELL AUTOMATION MATERIALS | | | | | | | 0334.0329 | 5,000 | 5,000 |
| N/C LEASE EQUIPMENT | | | | | 0336.0303 | 90,000 | 0334.0303 | 0 | 90,000 |
| GATHERING/FLOWLINES | | | | | 0336.0315 | 33,733 | 0334.0315 | 0 | 33,733 |
| METERING EQUIPMENT | | | | | 0336.0321 | 16,800 | | | 16,800 |
| LEASE AUTOMATION MATERIALS | | | | | 0336.0322 | 30,933 | | | 30,933 |
| PRODUCTION EQUIPMENT FREIGHT | | | | | 0336.0327 | 10,000 | | | 10,000 |
| FL/GL - MATERIALS | | | | | 0336.0331 | 19,467 | | | 19,467 |
| SHORT ORDERS | | | | | 0336.0332 | 9,333 | | | 9,333 |
| WALKOVERS | | | | | 0336.0334 | 2,667 | | | 2,667 |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | 0336.0335 | 128,400 | | | 128,400 |
| SECONDARY CONTAINMENTS | | | | | 0336.0336 | 5,333 | | | 5,333 |
| FACILITY LINE PIPE | | | | | 0336.0339 | 11,600 | | | 11,600 |
| Total Tangible Cost | | 1,494,800 | | 314,000 | | 358,266 | | 30,000 | 2,197,066 |
| Total Estimated Cost | | 4,469,800 | | 4,260,000 | | 680,000 | | 242,193 | 9,651,993 |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 212H

AFE # PAF0000103

| Description | Drilling | | | Comp/Stim | | |
|-----------------------------------|-----------|------------------|-----------|-----------|------------------|--|
| | Codes | Amount | Codes | Amount | Amount | |
| LAND/LEGAL/CURATIVE | 0331.0002 | 10,000 | | | | |
| DAMAGES | 0331.0005 | 20,000 | | | | |
| PAD CLEANUP | 0331.0024 | 0 | 0333.0024 | | 10,000 | |
| ROAD/PAD CONSTRUCTION | 0331.0030 | 100,000 | | | | |
| CONDUCTOR, MOUSE HOLE & CELLAR | 0331.0031 | 20,000 | | | | |
| RIG MOBILIZE/DEMobilize | 0331.0035 | 110,000 | | | | |
| SUPERVISION | 0331.0040 | 90,000 | 0333.0040 | | 44,000 | |
| DRILLING RIG | 0331.0050 | 758,000 | | | | |
| CASING CREW | 0331.0055 | 43,000 | 0333.0055 | | 0 | |
| TUBULAR INSPECTIONS | 0331.0056 | 60,000 | 0333.0056 | | 4,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | 0331.0059 | 25,000 | 0333.0059 | | 0 | |
| RIG FUEL | 0331.0071 | 87,000 | 0333.0071 | | 0 | |
| WATER & TRANSFER/TRUCKING (NOT | 0331.0073 | 25,000 | 0333.0073 | | 20,000 | |
| DRILL BITS | 0331.0080 | 62,000 | | | | |
| DRILLING MUD & ADDITIVES | 0331.0082 | 285,000 | | | | |
| DIRECTIONAL DRILLING SERVICES | 0331.0090 | 319,000 | | | | |
| DOWNHOLE RENTALS | 0331.0095 | 141,000 | 0333.0095 | | 45,000 | |
| SURFACE RENTALS | 0331.0096 | 98,000 | 0333.0096 | | 130,000 | |
| SOLIDS CONTROL EQUIP/SERVICES | 0331.0097 | 35,000 | | | | |
| OTHER RIG/MISC EXPENSES | 0331.0116 | 71,000 | 0333.0116 | | 109,000 | |
| PRIMARY CEMENTING | 0331.0120 | 243,000 | | | | |
| WELL CONTROL EQUIP/SERVICES | 0331.0130 | 90,000 | 0333.0130 | | 136,000 | |
| OVERHEAD | 0331.0142 | 15,000 | 0333.0142 | | 0 | |
| MUD DISPOSAL LABOR/EQUIP | 0331.0165 | 125,000 | 0333.0165 | | 52,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, | 0331.0190 | 143,000 | 0333.0190 | | 188,000 | |
| STIMULATION FLUID | | | 0333.0083 | | 155,000 | |
| FRAC TREE RENTAL | | | 0333.0098 | | 60,000 | |
| FLOWBACK SERVICES | | | 0333.0102 | | 0 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0333.0110 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0333.0135 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0333.0136 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0333.0150 | | 21,000 | |
| COIL TUBING SERVICES | | | 0333.0151 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | | | | |
| MECHANICAL LABOR | | | | | | |
| AUTOMATION LABOR | | | | | | |
| IPC & EXTERNAL PAINTING | | | | | | |
| FL/GL - ON PAD LABOR | | | | | | |
| FL/GL - SUPERVISION | | | | | | |
| SURVEY | | | | | | |
| CONTINGENCY - PIPELINE | | | | | | |
| Total Intangible Cost: | | 2,975,000 | | | 3,946,000 | |
| WELLHEAD EQUIPMENT SURFACE | 0331.0202 | 56,000 | 0333.0202 | | 38,000 | |
| CONDUCTOR PIPE | 0331.0206 | 6,000 | | | | |
| SURFACE CASING | 0331.0207 | 277,000 | | | | |
| INTERMEDIATE CASING I | 0331.0208 | 781,800 | | | | |
| PRODUCTION CSG/TIE BACK | 0331.0211 | 245,000 | 0333.0211 | | 0 | |
| PERMANENT DOWNHOLE EQUIPMENT | 0331.0215 | 59,000 | 0333.0215 | | 0 | |
| WATER STRING CASING | 0331.0221 | 70,000 | | | | |
| TUBING | | | 0333.0201 | | 276,000 | |
| SURFACE EQUIPMENT | | | | | | |
| WELL AUTOMATION MATERIALS | | | | | | |
| N/C LEASE EQUIPMENT | | | | | | |
| GATHERING/FLOWLINES | | | | | | |
| METERING EQUIPMENT | | | | | | |
| LEASE AUTOMATION MATERIALS | | | | | | |
| PRODUCTION EQUIPMENT FREIGHT | | | | | | |
| FL/GL - MATERIALS | | | | | | |
| SHORT ORDERS | | | | | | |
| WALKOVERS | | | | | | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | | | | | | |
| SECONDARY CONTAINMENTS | | | | | | |
| FACILITY LINE PIPE | | | | | | |
| Total Tangible Cost: | | 1,494,800 | | | 314,000 | |
| Total Estimated Cost | | 4,469,800 | | | 4,260,000 | |

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED
COM 212H

AFE # PAF0000103

| Description | Production Equip | | | Post Completion | | | Total |
|--------------------------------------|------------------|----------------|-----------|-----------------|------|------------------|-------|
| | Codes | Amount | Codes | Amount | Cost | | |
| LAND/LEGAL/CURATIVE | 0336.0002 | 0 | | | | 10,000 | |
| DAMAGES | 0336.0005 | 0 | | | | 20,000 | |
| PAD CLEANUP | | | 0334.0024 | 3,000 | | 13,000 | |
| ROAD/PAD CONSTRUCTION | 0336.0030 | 5,334 | | | | 105,334 | |
| CONDUCTOR, MOUSE HOLE & CELLAR | | | | | | 20,000 | |
| RIG MOBILIZE/DEMOLIBIZE | | | | | | 110,000 | |
| SUPERVISION | 0336.0040 | 14,400 | 0334.0040 | 5,000 | | 153,400 | |
| DRILLING RIG | | | | | | 758,000 | |
| CASING CREW | | | | | | 43,000 | |
| TUBULAR INSPECTIONS | | | 0334.0056 | 0 | | 64,000 | |
| WELDING/ROUSTABOUTS/LEASE CREWS | | | 0334.0059 | 5,000 | | 30,000 | |
| RIG FUEL | | | 0334.0071 | 0 | | 87,000 | |
| WATER & TRANSFER/TRUCKING (NOT DRLG) | | | 0334.0073 | 0 | | 45,000 | |
| DRILL BITS | | | | | | 62,000 | |
| DRILLING MUD & ADDITIVES | | | | | | 285,000 | |
| DIRECTIONAL DRILLING SERVICES | | | | | | 319,000 | |
| DOWNHOLE RENTALS | | | 0334.0095 | 0 | | 186,000 | |
| SURFACE RENTALS | 0336.0096 | 3,333 | 0334.0096 | 60,000 | | 291,333 | |
| SOLIDS CONTROL EQUIP/SERVICES | | | | | | 35,000 | |
| OTHER RIG/MISC EXPENSES | 0336.0116 | 14,400 | 0334.0116 | 0 | | 194,400 | |
| PRIMARY CEMENTING | | | | | | 243,000 | |
| WELL CONTROL EQUIP/SERVICES | | | 0334.0130 | 0 | | 226,000 | |
| OVERHEAD | 0336.0142 | 16,533 | | | | 31,533 | |
| MUD DISPOSAL LABOR/EQUIP | | | | | | 177,000 | |
| CONTINGENCY - DRLG, COMP, PCOM, FAC | 0336.0190 | 31,867 | 0334.0190 | 0 | | 362,867 | |
| STIMULATION FLUID | | | 0334.0083 | 0 | | 155,000 | |
| FRAC TREE RENTAL | | | 0334.0098 | 0 | | 60,000 | |
| FLOWBACK SERVICES | | | 0334.0102 | 30,000 | | 30,000 | |
| BRIDGE PLUGS/FRAC PLUGS | | | 0334.0110 | 0 | | 40,000 | |
| STIMULATION/FRACTURING | | | 0334.0135 | 0 | | 2,481,000 | |
| PERFORATING & WIRELINE SERVICES | | | 0334.0136 | 0 | | 283,000 | |
| COMPLETION RIG/WORKOVER RIG | | | 0334.0150 | 0 | | 21,000 | |
| COIL TUBING SERVICES | | | 0334.0151 | 0 | | 168,000 | |
| SWD - PIPED TO 3RD PARTY SWD WELL | | | 0334.0172 | 109,193 | | 109,193 | |
| MECHANICAL LABOR | 0336.0042 | 88,400 | | | | 88,400 | |
| AUTOMATION LABOR | 0336.0043 | 31,733 | 0334.0043 | 0 | | 31,733 | |
| IPC & EXTERNAL PAINTING | 0336.0106 | 16,400 | | | | 16,400 | |
| FL/GL - ON PAD LABOR | 0336.0107 | 84,000 | | | | 84,000 | |
| FL/GL - SUPERVISION | 0336.0109 | 11,867 | | | | 11,867 | |
| SURVEY | 0336.0112 | 1,467 | | | | 1,467 | |
| CONTINGENCY - PIPELINE | 0336.0191 | 2,000 | | | | 2,000 | |
| Total Intangible Cost | | 321,734 | | 212,193 | | 7,454,927 | |
| WELLHEAD EQUIPMENT SURFACE | | | 0334.0202 | 10,000 | | 104,000 | |
| CONDUCTOR PIPE | | | | | | 6,000 | |
| SURFACE CASING | | | | | | 277,000 | |
| INTERMEDIATE CASING I | | | | | | 781,800 | |
| PRODUCTION CSG/TIE BACK | | | | | | 245,000 | |
| PERMANENT DOWNHOLE EQUIPMENT | | | 0334.0215 | 0 | | 59,000 | |
| WATER STRING CASING | | | | | | 70,000 | |
| TUBING | | | 0334.0201 | 0 | | 276,000 | |
| SURFACE EQUIPMENT | | | 0334.0203 | 15,000 | | 15,000 | |
| WELL AUTOMATION MATERIALS | | | 0334.0329 | 5,000 | | 5,000 | |
| N/C LEASE EQUIPMENT | 0336.0303 | 90,000 | 0334.0303 | 0 | | 90,000 | |
| GATHERING/FLOWLINES | 0336.0315 | 33,733 | 0334.0315 | 0 | | 33,733 | |
| METERING EQUIPMENT | 0336.0321 | 16,800 | | | | 16,800 | |
| LEASE AUTOMATION MATERIALS | 0336.0322 | 30,933 | | | | 30,933 | |
| PRODUCTION EQUIPMENT FREIGHT | 0336.0327 | 10,000 | | | | 10,000 | |
| FL/GL - MATERIALS | 0336.0331 | 19,467 | | | | 19,467 | |
| SHORT ORDERS | 0336.0332 | 9,333 | | | | 9,333 | |
| WALKOVERS | 0336.0334 | 2,667 | | | | 2,667 | |
| BATTERY (HTR TRTR,SEPAR,GAS T) | 0336.0335 | 128,400 | | | | 128,400 | |
| SECONDARY CONTAINMENTS | 0336.0336 | 5,333 | | | | 5,333 | |
| FACILITY LINE PIPE | 0336.0339 | 11,600 | | | | 11,600 | |
| Total Tangible Cost | | 358,266 | | 30,000 | | 2,197,066 | |
| Total Estimated Cost | | 680,000 | | 242,193 | | 9,651,993 | |